

GEDAEFFECT

ЦИЛИНДРИЧЕСКИЕ
МОТОР-РЕДУКТОРЫ



серия R



Gedaeffect
The Engineering Company



ОПИСАНИЕ ПРОДУКЦИИ

Цилиндрические мотор-редукторы серии R, также известны как цилиндрические коаксиальные либо поточные цилиндрические мотор-редукторы, так как входной и выходной вал у таких редукторов расположены в одну линию.

Мощность: 0,18-106 кВт.

Выходной момент: до 18000 Н·м.

Выходная скорость: 0,16-1028 об/мин.

Способ монтажа: на лапах или на фланце.

Эффективность передачи: 2 ступени (коэффициент 5-24,8): 96%; 3 ступени (коэффициент 27,2-264): 94%.

Доступные варианты: одноступенчатый либо многоступенчатый (RX-Y либо RXF-F-Y). На лапах либо на фланце (RY либо RF-F-Y). На лапах и на фланце (R-F-Y). На фланце с удлиненной ступицей подшипника (серия RM).

Применяются в химическом машиностроении, установках для перемешивания цемента, печатном и упаковочном оборудовании, горно-шахтном и силовом оборудовании, металлургии и т.д.



ОСНОВНЫЕ МОДЕЛИ

- R17, R27, R37, R47, R57, R67, R77, R87, R97, R107, R137, R147, R167. R: на лапах, сплошной вал
- RF17, RF27, RF37, RF47, RF57, RF67, RF77, RF87, RF97, RF107, RF137, RF147, RF167. RF: на фланце, сплошной вал
- RX37, RX57, RX67, RX77, RX87, RX97, RX107, RX127, RX157. RX: на лапах, одноступенчатый, сплошной вал
- RXF37, RXF57, RXF67, RXF77, RXF87, RXF97, RXF107, RXF127, RXF157. RXF: на фланце, одноступенчатый, сплошной вал

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

- Высокомодульная конструкция, компактность
- Высокая эффективность зубчатых передач, свыше 90%
- Многоступенчатые передачи (2 или 3 ступени) для обеспечения низкой выходной скорости
- Способность выдерживать высокие нагрузки, стабильность передачи, низкий уровень шума
- Высокая степень герметичности, экономия затрат, низкая стоимость обслуживания, широкий спектр применения

СФЕРЫ ПРИМЕНЕНИЯ

- Серия Y Стандарт IEC и IE2 Односкоростные и двухскоростные высокоэффективные двигатели
- Серия YVP, YVPEJ, YEJ, YDEJ Трехфазные асинхронные тормозные двигатели переменной частоты
- Серия YZP, YZPEJ, YZRE Трехфазные асинхронные двигатели для кранов и металлургической промышленности
- Серия YB, YBEJ, YBPT, YFB Трехфазные асинхронные взрывозащитные двигатели
- Серия YGa, YGb Двигатели для рольгангов
- Синхронные двигатели, двигатели постоянного тока, серводвигатели

РУКОВОДСТВО ПО ВЫБОРУ ОБОРУДОВАНИЯ

Конструкция двигателей предусматривает постоянные нагрузки, заявленное время работы, также время пуска. Коэффициент привода f_1 , коэффициент первичного пуска f_2 , пусковой коэффициент f_3 – согласно фактической нагрузке, времени работы, пусковой частоте.

Принимаются значения, меньше либо равные расчетному коэффициенту f_b Таблицы, то есть $f_1 * f_2 * f_3 \leq f_b$.

Требуемый момент при умножении на расчетный коэффициент ($f_1 * f_2 * f_3$) должен быть меньше либо равен допустимому моменту редуктора.

Таким образом,

$$T_N \geq T_2 * f_1 * f_2 * f_3$$

f_1 – коэффициент привода (см. Таблицу 1)

f_2 – коэффициент первичного пуска (см. Таблицу 2)

f_3 – коэффициент пуска (см. Таблицу 3)

T_2 – требуемый момент

T_N – допустимый момент

Sample Part Number

Service factor:

Table 1 Driven machine factor				f ₁			
Driven equipment	Daily operating time with load(hour)			Driven equipment	Daily operating time with load(hour)		
	≤ 2	> 2-10	> 10		≤ 2	> 2-10	> 10
Sewage treatment				Conveying machine			
Concentrator(Central Transmission)	-	-	1.2	Bucket conveyor	-	1.4	1.5
Compressed filter	1.0	1.3	1.5	Winch	1.4	1.6	1.6
Flocculator	0.8	1.0	1.3	Hoist	-	1.5	1.8
Aerator	-	1.8	2.0	Belt conveyor≤150kW	1.0	1.2	1.3
Collector	1.0	1.2	1.3	Belt conveyor≥150kW	1.1	1.3	1.4
Vertical,rotary group				Elevators for goods*	-	1.2	1.5
Blended collector	1.0	1.3	1.5	Elevators for customers*	-	1.5	1.8
Concentrator	-	1.1	1.3	Scraper conveyor	-	1.2	1.5
Screw pump	-	1.3	1.5	Automatic ladder	1.0	1.2	1.4
Water wheel machine	-	-	2.0	Rail traveling mechanism	-	1.5	-
Pump				Various frequency device	-	1.8	2.0
Centrifugal pump	1.0	1.2	1.3	Reciprocating compressor	-	1.8	1.9
Volume-down pump				Hoisting mechanism**			
1Piston	1.3	1.4	1.8	Rotary mechanism*	-	1.4	1.8
>1Piston	1.2	1.4	1.5	Pitching mechanism	-	1.1	1.4
Dredge				Traveling mechanism	-	1.6	2.0
Bucket conveyor	-	1.6	1.6	Lifting mechanism	-	1.1	1.4
Unloading device	-	1.3	1.5	Jibcrane	-	1.2	1.6
Caterpillar traveling mechanism	1.2	1.6	1.8	Cooling tower			
Bucket digger				Cooling tower fan	-	-	2.0
Be used for picking up	-	1.7	1.7	Fan (Shaft flow and centrifugal type)	-	1.4	1.5
Be used for rough materials	-	2.2	2.2	Food industry			
Chopper	-	2.2	2.2	Sugar production			
Traveling mechanism*	-	1.4	1.8	Sugar-cane cutter*	-	-	1.7
Plate blender				Sugar crane mill			
	-	1.0	1.0	Beet sugar production	-	-	1.7
Chemical industry				Beet masher			
Extruder	-	-	1.6	Squeeze machine,	-	-	1.2
Paste mixer	-	1.8	1.8	mechanical refrigerator,			
Rubber calendar	-	1.5	1.5	cooking machine	-	-	1.4
Cooling cylinder	-	1.3	1.4	Beet cleaner	-	-	1.5
Material mixer,be used for				Beet chopper			
Uniform medium	1.0	1.3	1.4	Paper-making machinery			
Non-uniform medium	1.4	1.6	1.7	Various kinds***	-	1.8	2.0
Blender,be used for				Pulper driving device		Supply goods according to customer requirements	
Uniform density medium	1.0	1.3	1.5	Centrifugal compressor	-	1.4	1.5
Un-uniformed medium	1.2	1.4	1.6	Rope way cable car			
Un-uniformed gas absorption	1.4	1.6	1.8	Delivery ropeway	-	1.3	1.4
Oven	1.0	1.3	1.5	Cableway of shuttle system	-	1.6	1.8
Centrifugal machine	1.0	1.2	1.3	T rod elevator	-	1.3	1.4
Metal processing equipment				Continuous cableway	-	1.4	1.6
Plate turnover	1.0	1.0	1.2	Cement industry			
Steel pushing device	1.0	1.2	1.2	Concrete blender	-	1.5	1.5
Winding machine	-	1.6	1.6	Crusher*	-	1.2	1.4
Cooling bed transverse frame	-	1.5	1.5	Rotary kiln	-	-	2.0
Roller leveler	-	1.6	1.6	Tube mill	-	-	2.0
Roller path				Powder concentrator	-	1.6	1.6
Continuous	-	1.5	1.5	Roller press	-	-	2.0
Interval	-	2.0	2.0				
Reversing mill	-	1.8	1.8				
Cutter							
Continuous*	-	1.5	1.5				
Crank type*	1.0	1.0	1.0				
Continuous casting driving device	-	1.4	1.4				
Rolling mill							
Reversing cogging mill	-	2.5	2.5				
Reversing plate slab mill	-	2.5	2.5				
Reversing wire mill	-	1.8	1.8				
Reversing thin plate mill	-	2.0	2.0				
Reversing middle thickness plate mill	-	1.8	1.8				
Roll gap adjusting and driving device	0.9	1.0	-				

Sample Part Number

Table 1 Driven machine factor				f ₁			
Driven equipment	Daily running time with load(hour)			Driven equipment	Daily running time with load(hour)		
	≤ 2	> 2-10	> 10		≤ 2	> 2-10	> 10
Wood industry				Plastics industry			
Barking machine				Miller, compound grinding	1.25	1.25	1.25
Feed drive	1.25	1.25	1.50	Coating, film			
Main drive	1.75	1.75	1.75	Conveying pipe, Pulling rod, thin type			
Conveyor				Pipe type, Pile drawer	1.25	1.25	1.50
Burner, repeating saw	1.25	1.25	1.50	Continuous mixer, Calender	1.50	1.50	1.50
Rotary tower,transit transport	1.50	1.50	1.50	Blow film, to plasticizing			
Main loading,heavy loading	1.75	1.75	2.00	Batch mixer	1.75	1.75	1.75
Main original wood,land base				Rubber industry			
Conveying chain				Continuous strong inner mixer,Mix roller,			
Floor	1.50	1.50	1.50	Batch feeding mixer (except for double sticks)	1.50	1.50	1.50
Green-wood	1.50	1.50	1.75	Refiner, calender			
Cutting Chain				Double roller clamp feeding and mixed miller	1.25	1.25	1.50
Saw transmission,traction	1.50	1.50	1.75	Batch strong inner mixer,			
Peeling barrel	1.75	1.75	2.00	Double stick single groove grain stick	1.75	1.75	1.75
Feed drive				Miller heater, double sticks			
Edging,wood trimmer	1.25	1.25	1.50	Batch feeding mixer			
Planer feed,assorting table,				Wave stick miller	2.00	2.00	2.00
Automatic incline lifting	1.75	1.75	1.75	Generator and exciter	1.00	1.00	1.25
Multi-shaft feed,raw wood				Hammer crusher	1.75	1.75	2.00
Transportation and rotation				Sand miller	1.25	1.25	1.50
Transportation							
Charging tray	1.50	1.50	1.75				
Plywood lathe drive							
Conveying chain,Lifting							

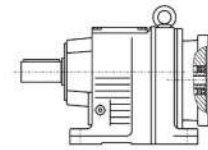
⚠ Note: Determine required power P₂ of the driven equipment:
 *)Determine rated power according to maximum torque.
 **)It's necessary to check thermal capacity.

Prime mover factor

Table 2 Factor for prime mover	f ₂
Electric motors,hydraulic motors,turbines	1.0
Piston engines 4-6 cylinders	1.25
Piston engines 1-3 cylinders	1.5

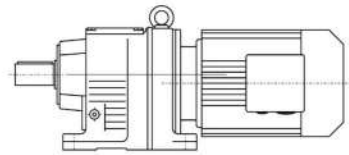
Table 3 Start factor	f ₃				
f ₃	f ₁ x f ₂	1	1.25 - 1.75	2 - 2.75	> 3
Starts per hour					
≤ 5		1	1	1	1
6-25		1.2	1.12	1.06	1
26-60		1.3	1.2	1.12	1.06
61-180		1.5	1.3	1.2	1.12
> 180		1.7	1.5	1.3	1.2

Sample Part Number

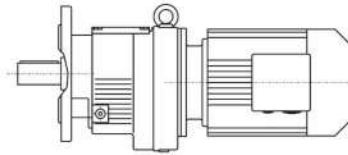


R (RF, RX, RXF) ...Y...
Customers provide the motor by themselves need connected flange

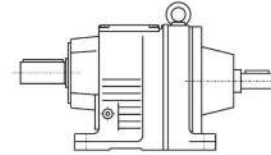
R series gear units are available in the following designs:



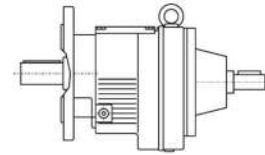
R...Y...
Foot-mounted helical gear units



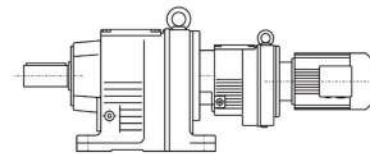
RF...Y...
Flange-mounted helical gear units



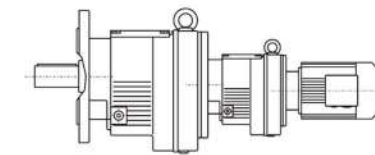
RS...
Foot-mounted helical gear units with solid shaft input



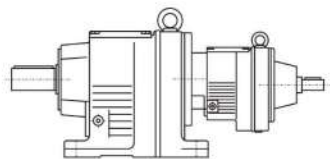
RFS...
Flange-mounted helical gear units with solid shaft input



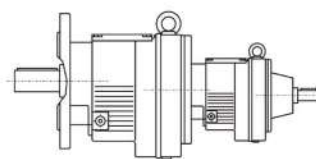
R...R...Y...
Foot-mounted combi-type helical gear units



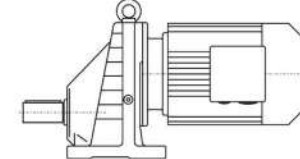
RF...R...Y...
Flange-mounted combi-type helical gear units



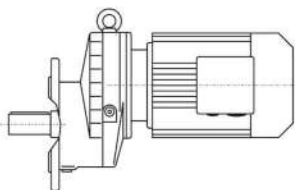
RS...R...
Foot-mounted combi-type helical gear units with solid shaft input



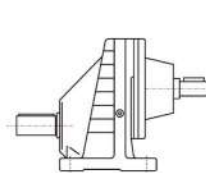
RFS...R...
Flange-mounted combi-type gear units with shaft input



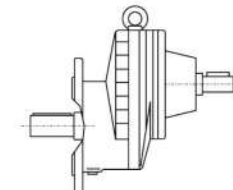
RX...Y...
Foot-mounted single-stage helical gear units



RXF...Y...
Flange-mounted single-stage helical gear units



RXS...
Foot-mounted single-stage helical gear units with solid shaft input



RXFS...
Flange-mounted single-stage helical gear units with solid shaft input

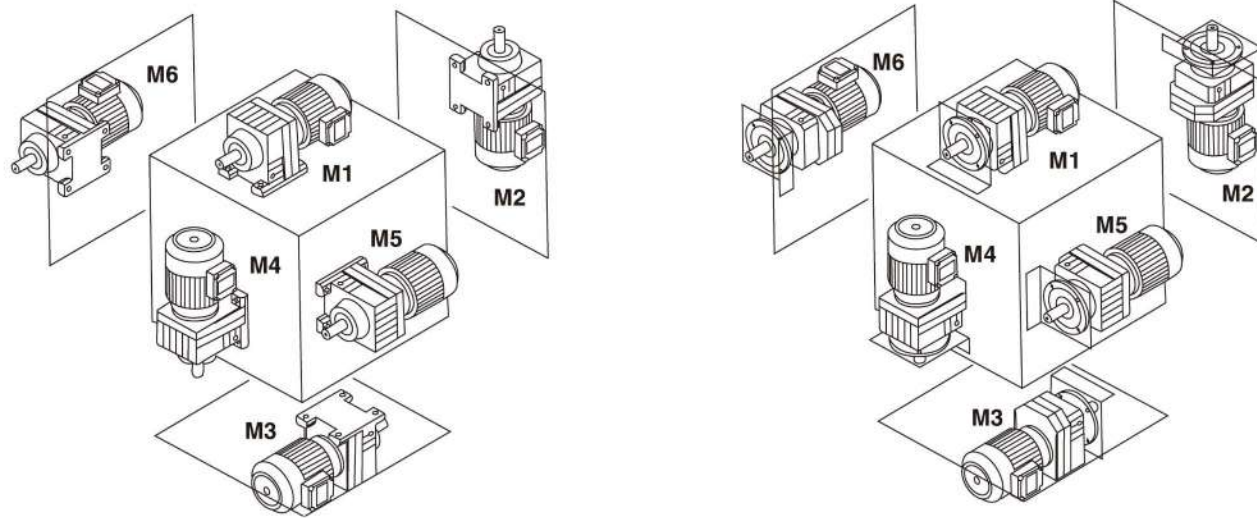
Sample Part Number

Type Designations:

R F 37-Y 0.55-4P-32.40-M1-270°-Ø200	
R series	Outer diameter of output flange
Structure	Positions of motor terminal box
Size	Mounting positions
Motor code	Ratio
Motor power, pole	
R series: Helical Gearmotors	
Structure:	(-)
Foot-mounted	F
Flange-mounted	S
Foot-mounted with shaft input	FS
Flange-mounted with shaft input	
Size:	(see selection table)
Motor code:	
Common motor	Y(Y2)
Flameproof motor	B
Direct current motor	Z
Brake motor	YEJ
Multi-speed motor	D
Variable frequency motor	YVP
Electromagnetic variable speed motor	YCT
Metallurgy hoisting motor	R
Transduction braking motor	YVPJ
Roller way	G
Motor power, pole:	See selection table
Ratio:	See selection table
Mounting positions:	M1, M2, M3, M4, M5, M5.
Positions of motor terminal box:	0°, 90°, 180°, 270°
Outer diameter of output flange:	See the chart of mounting dimension (It will be omitted when foot mounting)
Positions of motor terminal box:	

Sample Part Number

Mounting positions



Input power rating and permissible torque

Size	17	27	37	47	57	67	77	87	97	107	137	147	167
Structure	R						RF						
Input power rating (kW)	0.18~0.75	0.18~3	0.18~3	0.18~5.5	0.18~7.5	0.18~7.5	0.18~11	0.55~22	0.55~30	2.2~45	5.5~55	11~90	11~160
Ratio	3.83~74.84	3.37~135.09	3.33~134.82	3.83~176.88	4.39~186.89	4.29~199.81	5.21~195.24	5.36~246.54	4.49~289.74	5.06~249.16	5.15~222.60	5.00~163.31	10.24~229.71
Permissible torque (N·m)	85	130	200	300	450	600	820	1550	3000	4300	8000	13000	18000

Size	37	57	67	77	87	97	107	127	157
Structure	RX				RXF				
Input power rating (kW)	0.18~1.1	0.18~5.5	0.18~7.5	1.1~11	3~22	5.5~30	7.5~45	7.5~90	11~132
Ratio	1.62~4.43	1.3~5.5	1.4~6.07	1.42~8.00	1.39~8.65	1.42~8.23	1.44~6.63	1.51~6.2	1.57~6.2
Permissible torque (N·m)	20	70	135	215	400	600	830	1110	1680

Product Weight

Size	R17	R27	R37	R47	R57	R67	R77	R87	R97	R107	R137	R147	R167
Weight (kgs)	4	5.5	8.5	10	18	25	36	63	101	153	220	400	700
Gear unit type	RX37	RX57	RX67	RX77	RX87	RX97	RX107	RX127	RX157				
Weight (kgs)	5	8	14	23	39	70	100	150	250				

The marked weight is average value, it has no constraint force.



Sample Part Number

Oil Quantity

Size	Oil level(L)					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
R17	0.25	0.6	0.35	0.6	0.35	0.35
R27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
R37	0.3/1	0.9	1	1.1	0.8	1
R47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
R57	0.8/1.7	1.9	1.7	2.1	1.7	1.7
R67	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
R77	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
R87	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
R97	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
R107	6/13.7	16.3	16.9	19.2	13.2	15.9
R137	10/25	28	29.5	31.5	25	25
R147	15.4/40	46.5	48	52	39.5	41
R167	27/70	82	78	88	66	69

Size	Oil level(L)					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
RF17	0.25	0.6	0.35	0.6	0.35	0.35
RF27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
RF37	0.4/1	0.9	1	1.1	0.8	1
RF47	0.75/1.5	1.6	1.5	1.7	1.5	1.5
RF57	0.8/1.7	1.8	1.7	2	1.7	1.7
RF67	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
RF77	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
RF87	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
RF97	5.1/10.2	11.9/14	11.2	14	11.2	11.8
RF107	6.3/14.9	15.9	17	19.2	13.1	15.9
RF137	9.5/25	27	29	32.5	25	25
RF147	16.4/42	47	48	52	42	42
RF167	26/70	82	78	88	65	71

Size	Oil level(L)					
	M1	M2	M3	M4	M5	M6
RX37/RXF37	0.45/0.4	0.6	1.1/0.9	1.1/0.9	0.7/0.6	0.7/0.6
RX57/RXF57	0.6/0.5	0.8	1.3/1.1	1.3/1.1	0.9/0.7	0.9/0.7
RX67/RXF67	0.8/0.7	0.8	1.7/1.5	1.9/1.7	1.1/1	1.1/1
RX77/RXF77	1.1/0.9	1.5	2.6/2.4	2.7/2.5	1.6	1.6
RX87/RXF87	1.7/1.6	2.5	4.8/4.9	4.8/4.7	2.9	2.9
RX97/RXF97	2.1	3.4/3.6	7.4/7.1	7	4.8	4.8
RX107/RXF107	3.9/3.1	5.6/5.9	11.6/11.2	11.9/10.5	7.7/7.2	7.7/7.2
RX127/RXF127	5.6/5.9	11.6/11.2	21.9/20.5	22.7/22.2	9.7/9.2	9.7/9.2
RX157/RXF157	11.6/11.2	21.9/20.5	31.3/30.5	32.7/32.2	13.2/12.7	13.2/12.7

Note: Combi-type gear units must be filled with the larger oil volume.



Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p																																																																																																																																																																																																																																																																																																												
0.18kW						0.18kW																																																																																																																																																																																																																																																																																																																	
0.16	9293	8443	1.31	R 147R77 RF147R77	4	1.6	944	858	0.82	R 77R37 RF77R37	4																																																																																																																																																																																																																																																																																																												
0.19	8042	7307	1.52			0.22	7096	6447	1.72			0.25	6128	5568	1.99	0.29	5300	4815	2.31	0.32	4760	4325	2.57	0.38	4038	3669	3.03	0.43	3553	3228	3.44	0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628	571	0.90	R 67R37 RF67R37	4	0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																				
0.22	7096	6447	1.72			0.25	6128	5568	1.99			0.29	5300	4815	2.31	0.32	4760	4325	2.57	0.38	4038	3669	3.03	0.43	3553	3228	3.44	0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628			571	0.90	R 67R37 RF67R37	4			0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94			R 107R77 RF107R77	4	3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31			1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																								
0.25	6128	5568	1.99			0.29	5300	4815	2.31			0.32	4760	4325	2.57	0.38	4038	3669	3.03	0.43	3553	3228	3.44	0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628			571	0.90			R 67R37 RF67R37	4					0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94					R 107R77 RF107R77	4			3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03			0.88	1747	1587	2.31					1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																												
0.29	5300	4815	2.31			0.32	4760	4325	2.57			0.38	4038	3669	3.03	0.43	3553	3228	3.44	0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628			571	0.90			R 67R37 RF67R37	4									0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94									R 107R77 RF107R77	4			3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86			0.77	1995	1813	2.03					0.88	1747	1587	2.31					1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79			1.2	1328	1207	2.12			1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																
0.32	4760	4325	2.57			0.38	4038	3669	3.03			0.43	3553	3228	3.44	0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628			571	0.90			R 67R37 RF67R37	4													0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94													R 107R77 RF107R77	4			3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80			0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31					1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48			0.86	1786	1623	1.58			0.97	1578	1434	1.79			1.2	1328	1207	2.12			1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																				
0.38	4038	3669	3.03			0.43	3553	3228	3.44			0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628			571	0.90			R 67R37 RF67R37	4																	0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94																	R 107R77 RF107R77	4			3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63			0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31					1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11	0.62	2471	2245	1.14	0.67	2287	2078	1.23			0.69	2219	2016	1.27			0.80	1907	1733	1.48			0.86	1786	1623	1.58			0.97	1578	1434	1.79			1.2	1328	1207	2.12			1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71								
0.43	3553	3228	3.44			0.16	9668	8784	0.8			R 137R77 RF137R77	4	2.4	628			571	0.90			R 67R37 RF67R37	4																					0.19	8232	7479	0.91	0.22	7057	6412	1.07	0.24	6421	5834	1.17	0.28	5504	5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94																					R 107R77 RF107R77	4			3.0	518			471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885	2621	1.40			0.62	2479	2252	1.63					0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31					1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94	0.52	2937	2668	0.96	0.60	2544	2311	1.11			0.62	2471	2245	1.14			0.67	2287	2078	1.23			0.69	2219	2016	1.27			0.80	1907	1733	1.48			0.86	1786	1623	1.58			0.97	1578	1434	1.79			1.2	1328	1207	2.12			1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87	0.93	1639	1489	0.89	1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65
0.16	9668	8784	0.8	R 137R77 RF137R77	4	2.4	628	571	0.90	R 67R37 RF67R37	4																																																																																																																																																																																																																																																																																																												
0.19	8232	7479	0.91			0.22	7057	6412	1.07					0.24	6421			5834	1.17																	0.28	5504					5001	1.37	0.30	5183	4709	1.45	0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4	0.42	3634	3302	1.11	0.46	3299	2997	1.23	0.53	2885					2621	1.40																	0.62	2479			2252	1.63			0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64			R 97R57 RF97R57	4	5.7	271					246	1.56	R 37R17 RF37R17	4					1.1	1338	1216	3.02					0.51	2996	2722	0.94					0.52	2937	2668	0.96					0.60	2544	2311	1.11			0.62	2471	2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12			1.3	1193	1084	2.36			1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39			0.79	1912	1737	0.8			R 87R57 RF87R57	4	9.9	155			141	0.8	R 77 RF77	6			0.80	1907	1733	0.85			0.91	1677	1524	0.87			0.93	1639	1489	0.89			1.0	1535	1395	0.95			1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71												
0.22	7057	6412	1.07			0.24	6421	5834	1.17					0.28	5504			5001	1.37													0.30	5183			4709	1.45			0.32	4803	4364	1.57	0.35	4323	3928	1.74	0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4			0.42	3634	3302	1.11			0.46	3299	2997	1.23	0.53	2885	2621	1.40	0.62	2479	2252	1.63			0.68	2246			2041	1.80													0.71	2169			1971	1.86			0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338			1216	3.02	0.51	2996			2722	0.94							0.52	2937	2668	0.96					0.60	2544	2311	1.11					0.62	2471	2245	1.14					0.67	2287	2078	1.23			0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8			R 87R57 RF87R57	4	9.9	155			141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677			1524	0.87					0.93	1639	1489	0.89			1.0	1535	1395	0.95			1.1	1356	1232	1.07			1.2	1260	1145	1.16			1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																				
0.24	6421	5834	1.17			0.28	5504	5001	1.37					0.30	5183			4709	1.45									0.32	4803			4364	1.57			0.35	4323	3928	1.74	0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4			0.42	3634	3302	1.11					0.46	3299	2997	1.23			0.53	2885	2621	1.40	0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86			0.77	1995			1813	2.03									0.88	1747			1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02			0.51	2996			2722	0.94	0.52	2937	2668	0.96	0.60	2544			2311	1.11			0.62	2471	2245	1.14					0.67	2287	2078	1.23					0.69	2219	2016	1.27					0.80	1907	1733	1.48			0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907			1733	0.85	0.91	1677	1524	0.87					0.93	1639	1489	0.89					1.0	1535			1395	0.95					1.1	1356	1232	1.07			1.2	1260	1145	1.16			1.3	1141	1037	1.28			1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																												
0.28	5504	5001	1.37			0.30	5183	4709	1.45					0.32	4803			4364	1.57					0.35	4323			3928	1.74			0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4			0.42	3634	3302	1.11					0.46	3299	2997	1.23					0.53	2885	2621	1.40			0.62	2479	2252	1.63	0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31			1.0	1529			1389	2.64					R 97R57 RF97R57	4			5.7	271			246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02					0.51	2996	2722	0.94			0.52	2937			2668	0.96	0.60	2544	2311	1.11	0.62	2471			2245	1.14	0.67	2287	2078	1.23	0.69	2219	2016	1.27			0.80	1907	1733	1.48					0.86	1786	1623	1.58					0.97	1578	1434	1.79			1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85			0.91	1677			1524	0.87	0.93	1639	1489	0.89			1.0	1535	1395	0.95	1.1	1356	1232	1.07			1.2	1260			1145	1.16					1.3	1141	1037	1.28			1.5	1025	931	1.42			1.6	972	883	1.50			1.7	883	802	1.65			1.8	852	774	1.71																																				
0.30	5183	4709	1.45			0.32	4803	4364	1.57					0.35	4323			3928	1.74	0.40	3868			3514	1.94			R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4			0.42	3634	3302	1.11					0.46	3299	2997	1.23					0.53	2885	2621	1.40					0.62	2479	2252	1.63			0.68	2246	2041	1.80	0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271			246	1.56			R 37R17 RF37R17	4					1.1	1338			1216	3.02					0.51	2996	2722	0.94					0.52	2937	2668	0.96			0.60	2544			2311	1.11	0.62	2471	2245	1.14	0.67	2287			2078	1.23	0.69	2219	2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79			1.2	1328	1207	2.12					1.3	1193	1084	2.36			1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87			0.93	1639			1489	0.89	1.0	1535	1395	0.95			1.1	1356	1232	1.07	1.2	1260	1145	1.16			1.3	1141	1037	1.28	1.5	1025			931	1.42	1.6	972	883	1.50			1.7	883	802	1.65			1.8	852	774	1.71																																																
0.32	4803	4364	1.57			0.35	4323	3928	1.74					0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518			471	0.82	R 57R37 RF57R37	4			0.42	3634	3302	1.11					0.46	3299	2997	1.23					0.53	2885	2621	1.40					0.62	2479	2252	1.63					0.68	2246	2041	1.80			0.71	2169	1971	1.86	0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271			246	1.56	R 37R17 RF37R17	4	1.1	1338							1216	3.02	0.51	2996			2722	0.94					0.52	2937	2668	0.96					0.60	2544	2311	1.11			0.62	2471			2245	1.14	0.67	2287	2078	1.23	0.69	2219			2016	1.27	0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74			1.6	966	878	2.92			1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87					0.93	1639	1489	0.89			1.0	1535			1395	0.95	1.1	1356	1232	1.07			1.2	1260	1145	1.16	1.3	1141	1037	1.28			1.5	1025	931	1.42	1.6	972			883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																								
0.35	4323	3928	1.74			0.40	3868	3514	1.94			R 107R77 RF107R77	4	3.0	518	471	0.82			R 57R37 RF57R37	4	0.42	3634	3302	1.11					0.46	3299	2997	1.23					0.53	2885	2621	1.40					0.62	2479	2252	1.63					0.68	2246	2041	1.80					0.71	2169	1971	1.86			0.77	1995	1813	2.03	0.88	1747	1587	2.31	1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271			246	1.56			R 37R17 RF37R17	4			1.1	1338	1216	3.02					0.51	2996	2722	0.94	0.52	2937	2668	0.96					0.60	2544	2311	1.11					0.62	2471	2245	1.14			0.67	2287			2078	1.23	0.69	2219	2016	1.27	0.80	1907			1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87					0.93	1639	1489	0.89					1.0	1535	1395	0.95			1.1	1356			1232	1.07	1.2	1260	1145	1.16			1.3	1141	1037	1.28	1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883			802	1.65	1.8	852	774	1.71																																																												
0.40	3868	3514	1.94	R 107R77 RF107R77	4	3.0	518	471	0.82	R 57R37 RF57R37	4																																																																																																																																																																																																																																																																																																												
0.42	3634	3302	1.11			0.46	3299	2997	1.23					0.53	2885	2621	1.40					0.62	2479	2252	1.63					0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4	1.1	1338	1216	3.02	0.51	2996	2722	0.94			0.52	2937			2668	0.96							0.60	2544	2311	1.11					0.62	2471	2245	1.14	0.67	2287	2078	1.23					0.69	2219	2016	1.27					0.80	1907	1733	1.48			0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6	0.80	1907	1733	0.85	0.91	1677	1524	0.87			0.93	1639	1489	0.89					1.0	1535	1395	0.95					1.1	1356	1232	1.07					1.2	1260	1145	1.16					1.3	1141	1037	1.28			1.5	1025			931	1.42	1.6	972	883	1.50			1.7	883	802	1.65	1.8	852	774	1.71																																																																												
0.46	3299	2997	1.23			0.53	2885	2621	1.40					0.62	2479	2252	1.63					0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02			0.51	2996	2722	0.94	0.52	2937	2668	0.96			0.60	2544			2311	1.11							0.62	2471	2245	1.14					0.67	2287	2078	1.23	0.69	2219	2016	1.27					0.80	1907	1733	1.48			0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85			0.91	1677	1524	0.87	0.93	1639	1489	0.89			1.0	1535	1395	0.95					1.1	1356	1232	1.07					1.2	1260	1145	1.16					1.3	1141	1037	1.28					1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																				
0.53	2885	2621	1.40			0.62	2479	2252	1.63					0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02					0.51	2996	2722	0.94			0.52	2937	2668	0.96	0.60	2544	2311	1.11			0.62	2471			2245	1.14							0.67	2287	2078	1.23					0.69	2219	2016	1.27	0.80	1907	1733	1.48			0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87			0.93	1639	1489	0.89	1.0	1535	1395	0.95			1.1	1356	1232	1.07					1.2	1260	1145	1.16					1.3	1141	1037	1.28					1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																												
0.62	2479	2252	1.63			0.68	2246	2041	1.80					0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02					0.51	2996	2722	0.94					0.52	2937	2668	0.96			0.60	2544	2311	1.11	0.62	2471	2245	1.14			0.67	2287			2078	1.23							0.69	2219	2016	1.27			0.80	1907	1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87					0.93	1639	1489	0.89			1.0	1535	1395	0.95	1.1	1356	1232	1.07			1.2	1260	1145	1.16					1.3	1141	1037	1.28					1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																				
0.68	2246	2041	1.80			0.71	2169	1971	1.86					0.77	1995	1813	2.03					0.88	1747	1587	2.31			1.0	1529	1389	2.64	R 97R57 RF97R57	4	5.7	271	246	1.56	R 37R17 RF37R17	4			1.1	1338	1216	3.02					0.51	2996	2722	0.94					0.52	2937	2668	0.96					0.60	2544	2311	1.11			0.62	2471	2245	1.14	0.67	2287	2078	1.23			0.69	2219			2016	1.27	0.80	1907					1733	1.48	0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155	141	0.8	R 77 RF77	6			0.80	1907	1733	0.85					0.91	1677	1524	0.87					0.93	1639	1489	0.89					1.0	1535	1395	0.95			1.1	1356	1232	1.07	1.2	1260	1145	1.16			1.3	1141	1037	1.28					1.5	1025	931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																												
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0.86	1786	1623	1.58	0.97	1578	1434	1.79	1.2	1328	1207	2.12	1.3	1193	1084	2.36	1.5	1028	934	2.74	1.6	966	878	2.92	1.8	831	755	3.39	0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155			141	0.8	R 77 RF77	6					0.80	1907	1733	0.85					0.91	1677	1524	0.87					0.93	1639	1489	0.89					1.0	1535	1395	0.95					1.1	1356	1232	1.07					1.2	1260	1145	1.16			1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																								
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0.79	1912	1737	0.8	R 87R57 RF87R57	4	9.9	155			141	0.8			R 77 RF77	6																																																																																																																																																																																																																																																																																																								
0.80	1907	1733	0.85			0.91	1677			1524	0.87																					0.93	1639			1489	0.89			1.0	1535	1395	0.95	1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																
0.91	1677	1524	0.87			0.93	1639			1489	0.89																	1.0	1535			1395	0.95			1.1	1356	1232	1.07	1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																								
0.93	1639	1489	0.89			1.0	1535			1395	0.95													1.1	1356			1232	1.07			1.2	1260	1145	1.16	1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																
1.0	1535	1395	0.95			1.1	1356			1232	1.07									1.2	1260			1145	1.16			1.3	1141	1037	1.28	1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																								
1.1	1356	1232	1.07			1.2	1260			1145	1.16					1.3	1141			1037	1.28			1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																
1.2	1260	1145	1.16			1.3	1141			1037	1.28	1.5	1025			931	1.42			1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																								
1.3	1141	1037	1.28			1.5	1025	931	1.42	1.6	972	883	1.50			1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																																
1.5	1025	931	1.42	1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																																								
1.6	972	883	1.50	1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																																												
1.7	883	802	1.65	1.8	852	774	1.71																																																																																																																																																																																																																																																																																																																
1.8	852	774	1.71																																																																																																																																																																																																																																																																																																																				

Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p																																																																																																																																																																																																																																																																																																																																																																																																																																												
0.18kW						0.18kW																																																																																																																																																																																																																																																																																																																																																																																																																																																	
7.1	227	195.24	3.4	R 77 RF77	4	11	144	123.91	0.85	R 27 RF27	4																																																																																																																																																																																																																																																																																																																																																																																																																																												
8.3	194	166.59	4.0			9.5	169	145.67	4.6			10	161	138.39	4.8	4.3	380	199.81	1.48	R 67 RF67	6	4.6	350	184.07	1.61	5.4	301	158.14	1.88	6.2	262	137.67	2.2	6.6	245	128.97	2.3	7.5	217	113.94	2.6	8.0	201	105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6	8.8	184	158.14	3.1	10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29	5.7	281	147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1	9.4	172	147.92	2.5	11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																														
9.5	169	145.67	4.6			10	161	138.39	4.8			4.3	380	199.81	1.48	R 67 RF67	6	4.6	350			184.07	1.61	5.4	301	158.14	1.88	6.2	262	137.67	2.2	6.6	245	128.97	2.3	7.5	217	113.94	2.6	8.0	201	105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4			7.6	214	184.07	2.6	8.8	184	158.14	3.1	10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19			R 57 RF57	6	4.9	327	172.17	1.29	5.7	281	147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217			186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1	9.4	172	147.92	2.5	11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1			7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6			40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																
10	161	138.39	4.8			4.3	380	199.81	1.48			R 67 RF67	6	4.6	350			184.07	1.61			5.4	301	158.14	1.88	6.2	262	137.67	2.2	6.6	245	128.97	2.3	7.5	217	113.94	2.6	8.0	201	105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4					7.6	214	184.07	2.6	8.8	184	158.14	3.1	10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19					R 57 RF57	6	4.9	327	172.17	1.29	5.7	281	147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84			7.4	217			186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1	9.4	172	147.92	2.5	11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6			16	99	84.90	2.9	18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2			20	81	69.33	2.3	23	71	61.18	2.6	25	65					55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6			40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																		
4.3	380	199.81	1.48			R 67 RF67	6																																																																																																																																																																																																																																																																																																																																																																																																																																																
4.6	350	184.07	1.61	5.4	301			158.14	1.88	6.2	262			137.67	2.2			6.6	245			128.97	2.3	7.5	217	113.94	2.6	8.0	201	105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6	8.8	184	158.14	3.1							10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29	5.7	281							147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4			8.1	200			172.17	2.1			9.4	172	147.92	2.5	11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1			7.9	206	176.88	1.37			R 47 RF47	4	8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99			84.90	2.9	18	89	76.23	3.2			6.9	235	123.66	0.80	R 37 RF37	6					8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9			29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6					40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92			RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																
5.4	301	158.14	1.88	6.2	262			137.67	2.2	6.6	245			128.97	2.3			7.5	217			113.94	2.6	8.0	201	105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214			184.07	2.6	8.8	184	158.14	3.1	10	160					137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327			172.17	1.29	5.7	281	147.92	1.50	6.6	245					128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200					172.17	2.1			9.4	172			147.92	2.5	11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206			176.88	1.37	R 47 RF47	4					8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6							8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20					R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1	37	45			23.13	1.78			R 17 RF17	6	40	41	21.22	1.94	47	35	18.06	2.28	19	87					74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8												
6.2	262	137.67	2.2	6.6	245			128.97	2.3	7.5	217			113.94	2.6			8.0	201			105.83	2.8	8.9	182	95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214			184.07	2.6			8.8	184	158.14	3.1	10	160	137.67	3.5			11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327			172.17	1.29			5.7	281	147.92	1.50	6.6	245	128.77	1.73	7.0	229			120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200			172.17	2.1					9.4	172			147.92	2.5			11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37			R 47 RF47	4							8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6									8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20							R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6			25	65	55.76	2.9	29	56	48.08	3.1			37	45					23.13	1.78	R 17 RF17	6	40	41	21.22	1.94	47	35					18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8						
6.6	245	128.97	2.3	7.5	217			113.94	2.6	8.0	201			105.83	2.8			8.9	182			95.91	3.1	9.9	164	86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214			184.07	2.6			8.8	184			158.14	3.1	10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327			172.17	1.29			5.7	281			147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200			172.17	2.1			9.4	172					147.92	2.5			11	150			128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4											8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80							R 37 RF37	6			8.1	200	105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20									R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71			61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45					23.13	1.78			R 17 RF17	6	40	41	21.22	1.94					47	35			18.06	2.28	19	87			74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8		
7.5	217	113.94	2.6	8.0	201			105.83	2.8	8.9	182			95.91	3.1			9.9	164			86.11	3.4	11	141	74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214			184.07	2.6			8.8	184			158.14	3.1			10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6			4.9	327			172.17	1.29			5.7	281			147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95			R 57 RF57	4			8.1	200			172.17	2.1					9.4	172			147.92	2.5			11	150	128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206													176.88	1.37			R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2											6.9	235	123.66	0.80	R 37 RF37	6	8.1	200			105.28	0.94	9.4	173	90.77	1.09	10	161											84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86			73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65			55.76	2.9	29	56					48.08	3.1	37	45					23.13	1.78			R 17 RF17	6	40	41			21.22	1.94			47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9
8.0	201	105.83	2.8	8.9	182			95.91	3.1	9.9	164			86.11	3.4			11	141			74.17	4.0	12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214			184.07	2.6			8.8	184			158.14	3.1			10	160	137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327					172.17	1.29			5.7	281			147.92	1.50	6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200							172.17	2.1			9.4	172					147.92	2.5			11	150			128.77	2.8	12	140	120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37													R 47 RF47	4					8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2					6.9	235					123.66	0.80	R 37 RF37	6			8.1	200			105.28	0.94	9.4	173	90.77	1.09	10	161											84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91			19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6			25	65	55.76	2.9	29	56			48.08	3.1	37	45					23.13	1.78					R 17 RF17	6			40	41			21.22	1.94	47	35	18.06	2.28	19	87			74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4
8.9	182	95.91	3.1	9.9	164			86.11	3.4	11	141			74.17	4.0			12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6			8.8	184			158.14	3.1			10	160			137.67	3.5	11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281					147.92	1.50			6.6	245	128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172							147.92	2.5			11	150			128.77	2.8	12	140			120.63	3.0			13	124	106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49			9.9	163															139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94			9.4	173	90.77	1.09					10	161			84.61	1.17	10	157	134.82	1.20	R 37 RF37	4											11	144	123.66	1.31	13	122					105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81			69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94					47	35									18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07			23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9
9.9	164	86.11	3.4	11	141			74.17	4.0	12	133			69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6			8.8	184	158.14	3.1			10	160			137.67	3.5			11	150	128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245					128.77	1.73	7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150							128.77	2.8			12	140			120.63	3.0	13	124	106.58	3.4	14	115			98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49			9.9	163	139.99	1.73			11	142					121.87	1.99									12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94			9.4	173	90.77	1.09	10	161			84.61	1.17	10	157					134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122													105.28	1.54	15	106	90.77	1.78					16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6			25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78			R 17 RF17	6	40	41	21.22	1.94			47	35	18.06	2.28					19	87			74.84	0.92					RX 67 RXF67	6			22	75	64.52	1.07			23	70			60.14	1.14			26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6
11	141	74.17	4.0	12	133			69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6			8.8	184	158.14	3.1			10	160	137.67	3.5			11	150			128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245	128.77	1.73			7.0	229			120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140							120.63	3.0			13	124			106.58	3.4	14	115	98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49			9.9	163	139.99	1.73			11	142	121.87	1.99			12	133					114.17	2.1					14	117			100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94			9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144					123.66	1.31			13	122	105.28	1.54	15	106			90.77	1.78									16	98	84.61	1.91	19	86					73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94					47	35	18.06	2.28			19	87	74.84	0.92					RX 67 RXF67	6			22	75	64.52	1.07							23	70	60.14	1.14			26	61			52.57	1.31			28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8
12	133	69.75	4.3	7.0	232	199.81	2.4	R 67 RF67	4	7.6	214	184.07	2.6			8.8	184	158.14	3.1			10	160	137.67	3.5			11	150	128.97	3.8			12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245	128.77	1.73			7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0			13	124							106.58	3.4			14	115			98.99	3.7	15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4	8.5	189			162.94	1.49	9.9	163			139.99	1.73	11	142			121.87	1.99	12	133			114.17	2.1					14	117					100.86	2.4			15	109	93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94			9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20			R 37 RF37	4			11	144	123.66	1.31			13	122	105.28	1.54	15	106			90.77	1.78									16	98	84.61	1.91	19	86					73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78			R 17 RF17	6	40	41					21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92									RX 67 RXF67	6	22	75							64.52	1.07	23	70			60.14	1.14			26	61			52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5
7.0	232	199.81	2.4	R 67 RF67	4																																																																																																																																																																																																																																																																																																																																																																																																																																																		
7.6	214	184.07	2.6			8.8	184			158.14	3.1	10	160			137.67	3.5	11	150			128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29	5.7	281	147.92	1.50			6.6	245	128.77	1.73			7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1	9.4	172	147.92	2.5	11	150			128.77	2.8	12	140			120.63	3.0	13	124			106.58	3.4	14	115			98.99	3.7	15	104			89.71	4.1							7.9	206	176.88	1.37	R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99			12	133			114.17	2.1	14	117			100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9			18	89	76.23	3.2	6.9	235			123.66	0.80			R 37 RF37	6	8.1	200	105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17	10	157					134.82	1.20	R 37 RF37	4			11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98					84.61	1.91	19	86	73.96	2.2			20	81	69.33	2.3	23	71			61.18	2.6	25	65	55.76	2.9					29	56	48.08	3.1	37	45					23.13	1.78	R 17 RF17	6	40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92			RX 67 RXF67	6	22	75	64.52	1.07	23	70			60.14	1.14			26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58											34	47							40.49	1.70	39	41			35.40	1.94			42	39			33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																		
8.8	184	158.14	3.1			10	160			137.67	3.5	11	150			128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50	6.6	245	128.77	1.73			7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5	11	150	128.77	2.8	12	140			120.63	3.0	13	124			106.58	3.4	14	115			98.99	3.7	15	104			89.71	4.1	7.9	206			176.88	1.37					R 47 RF47	4	8.5	189	162.94	1.49			9.9	163	139.99	1.73	11	142	121.87	1.99	12	133	114.17	2.1			14	117			100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200			105.28	0.94					9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4					11	144			123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86					73.96	2.2	20	81	69.33	2.3			23	71	61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1	37	45			23.13	1.78	R 17 RF17	6	40	41					21.22	1.94			47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75					64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31			28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70											39	41							35.40	1.94	42	39			33.18	2.07			47	34			29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																						
10	160	137.67	3.5			11	150			128.97	3.8	12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245	128.77	1.73	7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8	12	140	120.63	3.0	13	124			106.58	3.4	14	115			98.99	3.7	15	104			89.71	4.1	7.9	206			176.88	1.37	R 47 RF47	4			8.5	189	162.94	1.49					9.9	163	139.99	1.73			11	142	121.87	1.99	12	133	114.17	2.1	14	117	100.86	2.4			15	109			93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94			9.4	173			90.77	1.09					10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144					123.66	1.31	13	122			105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81					69.33	2.3	23	71	61.18	2.6			25	65	55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94			47	35					18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07					23	70	60.14	1.14	26	61	52.57	1.31	28	57			49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41											35.40	1.94							42	39	33.18	2.07			47	34			29.28	2.3			54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																								
11	150	128.97	3.8			12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245	128.77	1.73			7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0	13	124	106.58	3.4	14	115			98.99	3.7	15	104			89.71	4.1	7.9	206			176.88	1.37	R 47 RF47	4			8.5	189					162.94	1.49	9.9	163	139.99	1.73			11	142	121.87	1.99			12	133	114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6			16	99			84.90	2.9	18	89			76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6	8.1	200			105.28	0.94	9.4	173			90.77	1.09			10	161	84.61	1.17			10	157	134.82	1.20	R 37 RF37	4	11	144			123.66	1.31			13	122	105.28	1.54	15	106			90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71					61.18	2.6	25	65	55.76	2.9			29	56	48.08	3.1	37	45			23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35			18.06	2.28	19	87			74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70			60.14	1.14					26	61	52.57	1.31	28	57	49.28	1.39	32	51			43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39											33.18	2.07							47	34	29.28	2.3			54	30			25.96	2.6			60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																												
12	132	113.94	4.3	13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327	172.17	1.29			5.7	281	147.92	1.50			6.6	245	128.77	1.73			7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200			172.17	2.1	9.4	172			147.92	2.5	11	150			128.77	2.8	12	140			120.63	3.0	13	124	106.58	3.4	14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37			R 47 RF47	4					8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142			121.87	1.99	12	133			114.17	2.1	14	117	100.86	2.4	15	109	93.68	2.6	16	99			84.90	2.9			18	89	76.23	3.2			6.9	235	123.66	0.80			R 37 RF37	6			8.1	200			105.28	0.94	9.4	173			90.77	1.09	10	161	84.61	1.17	10	157			134.82	1.20	R 37 RF37	4			11	144			123.66	1.31			13	122	105.28	1.54	15	106			90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71					61.18	2.6	25	65	55.76	2.9			29	56	48.08	3.1	37	45			23.13	1.78			R 17 RF17	6			40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6			22	75	64.52	1.07			23	70			60.14	1.14					26	61	52.57	1.31	28	57	49.28	1.39	32	51			43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39											33.18	2.07							47	34	29.28	2.3			54	30			25.96	2.6			60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																												
13	123	105.83	4.6	4.5	355	186.89	1.19	R 57 RF57	6	4.9	327			172.17	1.29	5.7	281			147.92	1.50	6.6	245			128.77	1.73	7.0	229			120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200			172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0			13	124	106.58	3.4	14	115	98.99	3.7	15	104			89.71	4.1	7.9	206			176.88	1.37	R 47 RF47	4							8.5	189	162.94	1.49			9.9	163	139.99	1.73	11	142	121.87	1.99			12	133	114.17	2.1			14	117	100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9			18	89			76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6	8.1	200					105.28	0.94			9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144					123.66	1.31			13	122			105.28	1.54	15	106	90.77	1.78			16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6					25	65	55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41					21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75					64.52	1.07	23	70			60.14	1.14			26	61	52.57	1.31			28	57	49.28	1.39	32	51	43.49	1.58	34	47			40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34											29.28	2.3							54	30	25.96	2.6			60	27			23.13	2.9			63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																
4.5	355	186.89	1.19	R 57 RF57	6																																																																																																																																																																																																																																																																																																																																																																																																																																																		
4.9	327	172.17	1.29			5.7	281			147.92	1.50			6.6	245	128.77	1.73			7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1	9.4	172	147.92	2.5			11	150			128.77	2.8			12	140	120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1	7.9	206	176.88	1.37	R 47 RF47	4			8.5	189	162.94	1.49	9.9	163	139.99	1.73			11	142					121.87	1.99	12	133			114.17	2.1	14	117	100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17			10	157					134.82	1.20	R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98			84.61	1.91					19	86			73.96	2.2			20	81	69.33	2.3	23	71			61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51			43.49	1.58					34	47	40.49	1.70			39	41			35.40	1.94	42	39			33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7									89	18							15.57	4.3	96	17			14.52	4.6			110	15			12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																						
5.7	281	147.92	1.50			6.6	245			128.77	1.73			7.0	229	120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5	11	150	128.77	2.8			12	140			120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37	R 47 RF47	4	8.5	189			162.94	1.49	9.9	163	139.99	1.73	11	142	121.87	1.99			12	133					114.17	2.1	14	117			100.86	2.4	15	109	93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200			105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20			R 37 RF37	4			11	144	123.66	1.31			13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86			73.96	2.2					20	81			69.33	2.3			23	71	61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47			40.49	1.70					39	41	35.40	1.94			42	39			33.18	2.07	47	34			29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3									96	17							14.52	4.6	110	15			12.69	5.3			117	14			11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																										
6.6	245	128.77	1.73			7.0	229			120.63	1.84	7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8	12	140	120.63	3.0			13	124			106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37			R 47 RF47	4	8.5	189			162.94	1.49			9.9	163	139.99	1.73	11	142	121.87	1.99	12	133			114.17	2.1					14	117	100.86	2.4			15	109	93.68	2.6	16	99	84.90	2.9			18	89	76.23	3.2			6.9	235	123.66	0.80	R 37 RF37	6			8.1	200			105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20					R 37 RF37	4	11	144	123.66	1.31			13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86			73.96	2.2					20	81			69.33	2.3			23	71	61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78			R 17 RF17	6			40	41	21.22	1.94	47	35	18.06	2.28	19	87			74.84	0.92			RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51			43.49	1.58					34	47	40.49	1.70			39	41			35.40	1.94	42	39			33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18							15.57	4.3							96	17	14.52	4.6			110	15			12.69	5.3			117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																								
7.0	229	120.63	1.84			7.4	217	186.89	1.95	R 57 RF57	4	8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0	13	124	106.58	3.4			14	115			98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37			R 47 RF47	4	8.5	189	162.94	1.49			9.9	163			139.99	1.73			11	142	121.87	1.99	12	133	114.17	2.1	14	117			100.86	2.4					15	109	93.68	2.6			16	99	84.90	2.9	18	89	76.23	3.2			6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94					9.4	173			90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144	123.66	1.31					13	122	105.28	1.54			15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81			69.33	2.3					23	71			61.18	2.6			25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94					47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07					23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47			40.49	1.70					39	41	35.40	1.94			42	39			33.18	2.07	47	34			29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17			14.52	4.6			110	15							12.69	5.3	117	14			11.89	5.7			132	12			10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																														
7.4	217	186.89	1.95	R 57 RF57	4																																																																																																																																																																																																																																																																																																																																																																																																																																																		
8.1	200	172.17	2.1			9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7	15	104	89.71	4.1			7.9	206			176.88	1.37			R 47 RF47	4	8.5	189	162.94	1.49	9.9	163	139.99	1.73	11	142			121.87	1.99	12	133			114.17	2.1			14	117			100.86	2.4	15	109	93.68	2.6	16	99	84.90	2.9			18	89					76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94	9.4	173	90.77	1.09	10	161	84.61	1.17			10	157	134.82	1.20					R 37 RF37	4	11	144	123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78			16	98	84.61	1.91					19	86	73.96	2.2			20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56			48.08	3.1					37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6			22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39			32	51			43.49	1.58					34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30			25.96	2.6					60	27	23.13	2.9			63	26			22.06	3.1	66	25			21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11			9.31	6.1			176	10	7.91	6.2			184	9	7.55	6.5	197	8			7.04	7.0			226	7.5			6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																		
9.4	172	147.92	2.5			11	150	128.77	2.8			12	140	120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1	7.9	206	176.88	1.37			R 47 RF47	4			8.5	189	162.94	1.49			9.9	163	139.99	1.73	11	142	121.87	1.99	12	133			114.17	2.1	14	117			100.86	2.4			15	109			93.68	2.6	16	99	84.90	2.9	18	89	76.23	3.2			6.9	235			123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94			9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144			123.66	1.31			13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91			19	86	73.96	2.2					20	81	69.33	2.3			23	71	61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45			23.13	1.78			R 17 RF17	6	40	41	21.22	1.94			47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58			34	47			40.49	1.70					39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27			23.13	2.9					63	26	22.06	3.1			66	25			21.22	3.2	77	21			18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10			7.91	6.2			184	9	7.55	6.5			197	8	7.04	7.0	226	7.5			6.15	7.2	241	7	5.76	7.3			273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																								
11	150	128.77	2.8			12	140	120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37	R 47 RF47	4	8.5	189					162.94	1.49	9.9	163	139.99	1.73			11	142	121.87	1.99	12	133	114.17	2.1	14	117			100.86	2.4	15	109			93.68	2.6			16	99			84.90	2.9	18	89	76.23	3.2	6.9	235	123.66	0.80			R 37 RF37	6	8.1	200	105.28	0.94			9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144					123.66	1.31	13	122	105.28	1.54			15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2			20	81	69.33	2.3					23	71	61.18	2.6			25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6			40	41	21.22	1.94			47	35	18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07			23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47			40.49	1.70			39	41					35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9			63	26					22.06	3.1	66	25			21.22	3.2			77	21	18.06	3.7			89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2			184	9			7.55	6.5	197	8			7.04	7.0	226	7.5	6.15	7.2			241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																												
12	140	120.63	3.0			13	124	106.58	3.4			14	115	98.99	3.7			15	104	89.71	4.1			7.9	206	176.88	1.37			R 47 RF47	4	8.5	189			162.94	1.49	9.9	163			139.99	1.73	11	142	121.87	1.99			12	133	114.17	2.1	14	117	100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9			18	89			76.23	3.2	6.9	235	123.66	0.80	R 37 RF37	6	8.1	200	105.28	0.94			9.4	173	90.77	1.09			10	161	84.61	1.17			10	157	134.82	1.20	R 37 RF37	4	11	144			123.66	1.31	13	122			105.28	1.54	15	106	90.77	1.78			16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3			23	71	61.18	2.6					25	65	55.76	2.9			29	56	48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35	18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70			60.14	1.14			26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41			35.40	1.94			42	39					33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1			66	25					21.22	3.2	77	21			18.06	3.7			89	18	15.57	4.3			96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5			197	8			7.04	7.0	226	7.5			6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																		
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9.9	163	139.99	1.73	11	142			121.87	1.99	12	133			114.17	2.1	14	117			100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9			18	89	76.23	3.2			6.9	235	123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94			9.4	173	90.77	1.09	10	161	84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144					123.66	1.31	13	122	105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86			73.96	2.2	20	81			69.33	2.3	23	71							61.18	2.6	25	65			55.76	2.9	29	56	48.08	3.1			37	45	23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6			22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58			34	47	40.49	1.70			39	41			35.40	1.94					42	39			33.18	2.07			47	34	29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25			21.22	3.2			77	21					18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7			132	12					10.5	5.9	149	11			9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																				
11	142	121.87	1.99	12	133			114.17	2.1	14	117			100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2			6.9	235	123.66	0.80			R 37 RF37	6	8.1	200			105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17	10	157	134.82	1.20	R 37 RF37	4	11	144					123.66	1.31	13	122			105.28	1.54	15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81			69.33	2.3	23	71			61.18	2.6	25	65							55.76	2.9	29	56			48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94			47	35			18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75					64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47			40.49	1.70	39	41			35.40	1.94			42	39					33.18	2.07			47	34			29.28	2.3	54	30	25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2			77	21			18.06	3.7					89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12			10.5	5.9					149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																								
12	133	114.17	2.1	14	117			100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235			123.66	0.80			R 37 RF37	6	8.1	200	105.28	0.94			9.4	173			90.77	1.09	10	161	84.61	1.17			10	157	134.82	1.20	R 37 RF37	4	11	144			123.66	1.31	13	122			105.28	1.54	15	106			90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71			61.18	2.6	25	65			55.76	2.9	29	56							48.08	3.1	37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94			47	35	18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70					60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41			35.40	1.94	42	39			33.18	2.07			47	34					29.28	2.3			54	30			25.96	2.6	60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7			89	18			15.57	4.3					96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11			9.31	6.1			176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																														
14	117	100.86	2.4	15	109			93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6			8.1	200	105.28	0.94			9.4	173	90.77	1.09			10	161			84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144			123.66	1.31			13	122	105.28	1.54			15	106	90.77	1.78			16	98	84.61	1.91	19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6			25	65	55.76	2.9			29	56	48.08	3.1					37	45	23.13	1.78	R 17 RF17	6	40	41			21.22	1.94	47	35			18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70			60.14	1.14					26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94			42	39	33.18	2.07			47	34			29.28	2.3					54	30			25.96	2.6			60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18			15.57	4.3			96	17					14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1			176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																		
15	109	93.68	2.6	16	99			84.90	2.9	18	89			76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6			8.1	200			105.28	0.94	9.4	173	90.77	1.09			10	161	84.61	1.17			10	157			134.82	1.20	R 37 RF37	4	11	144	123.66	1.31			13	122			105.28	1.54			15	106	90.77	1.78			16	98	84.61	1.91			19	86	73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9			29	56	48.08	3.1			37	45	23.13	1.78	R 17 RF17	6			40	41	21.22	1.94			47	35			18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70			60.14	1.14	26	61			52.57	1.31					28	57	49.28	1.39	32	51	43.49	1.58	34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07			47	34	29.28	2.3			54	30			25.96	2.6					60	27			23.13	2.9			63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3	96	17			14.52	4.6			110	15					12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																								
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18	89	76.23	3.2	6.9	235			123.66	0.80	R 37 RF37	6			8.1	200			105.28	0.94	9.4	173			90.77	1.09	10	161			84.61	1.17	10	157	134.82	1.20			R 37 RF37	4	11	144	123.66	1.31			13	122	105.28	1.54			15	106	90.77	1.78			16	98			84.61	1.91			19	86	73.96	2.2			20	81	69.33	2.3			23	71	61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45	23.13	1.78			R 17 RF17	6	40	41	21.22	1.94			47	35			18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70	60.14	1.14			26	61	52.57	1.31			28	57			49.28	1.39	32	51			43.49	1.58					34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6			60	27	23.13	2.9			63	26			22.06	3.1					66	25			21.22	3.2			77	21	18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14			11.89	5.7			132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																		
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10	161	84.61	1.17			10	157	134.82	1.20			R 37 RF37	4	11	144	123.66	1.31			13	122	105.28	1.54			15	106	90.77	1.78	16	98	84.61	1.91	19	86	73.96	2.2			20	81	69.33	2.3			23	71	61.18	2.6			25	65	55.76	2.9			29	56			48.08	3.1			37	45	23.13	1.78	R 17 RF17	6	40	41	21.22	1.94			47	35	18.06	2.28			19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70			60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58			34	47	40.49	1.70			39	41	35.40	1.94			42	39	33.18	2.07			47	34			29.28	2.3	54	30			25.96	2.6					60	27	23.13	2.9	63	26	22.06	3.1	66	25	21.22	3.2	77	21	18.06	3.7	89	18	15.57	4.3			96	17	14.52	4.6			110	15			12.69	5.3					117	14			11.89	5.7			132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																												
10	157	134.82	1.20			R 37 RF37	4																																																																																																																																																																																																																																																																																																																																																																																																																																																
11	144	123.66	1.31	13	122			105.28	1.54	15	106			90.77	1.78	16	98			84.61	1.91	19	86			73.96	2.2	20	81	69.33	2.3	23	71	61.18	2.6	25	65			55.76	2.9	29	56			48.08	3.1	37	45			23.13	1.78	R 17 RF17	6			40	41	21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92			RX 67 RXF67	6	22	75	64.52	1.07	23	70	60.14	1.14	26	61	52.57	1.31	28	57			49.28	1.39			32	51	43.49	1.58			34	47	40.49	1.70	39	41	35.40	1.94	42	39	33.18	2.07	47	34			29.28	2.3	54	30			25.96	2.6	60	27			23.13	2.9	63	26			22.06	3.1			66	25	21.22	3.2			77	21					18.06	3.7	89	18	15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12			10.5	5.9	149	11			9.31	6.1			176	10					7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																														
13	122	105.28	1.54	15	106			90.77	1.78	16	98			84.61	1.91	19	86			73.96	2.2	20	81			69.33	2.3	23	71	61.18	2.6	25	65	55.76	2.9	29	56			48.08	3.1	37	45			23.13	1.78	R 17 RF17	6			40	41			21.22	1.94	47	35	18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75	64.52	1.07			23	70	60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51			43.49	1.58			34	47	40.49	1.70			39	41	35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30			25.96	2.6	60	27			23.13	2.9	63	26			22.06	3.1	66	25			21.22	3.2			77	21	18.06	3.7			89	18					15.57	4.3	96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11			9.31	6.1	176	10			7.91	6.2			184	9			7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																				
15	106	90.77	1.78	16	98			84.61	1.91	19	86			73.96	2.2	20	81			69.33	2.3	23	71			61.18	2.6	25	65	55.76	2.9	29	56	48.08	3.1	37	45			23.13	1.78	R 17 RF17	6			40	41			21.22	1.94	47	35			18.06	2.28	19	87	74.84	0.92	RX 67 RXF67	6	22	75			64.52	1.07	23	70			60.14	1.14	26	61	52.57	1.31	28	57	49.28	1.39	32	51	43.49	1.58			34	47			40.49	1.70	39	41			35.40	1.94	42	39	33.18	2.07	47	34	29.28	2.3	54	30	25.96	2.6			60	27	23.13	2.9			63	26	22.06	3.1			66	25	21.22	3.2			77	21			18.06	3.7	89	18			15.57	4.3					96	17	14.52	4.6	110	15	12.69	5.3	117	14	11.89	5.7	132	12	10.5	5.9	149	11	9.31	6.1			176	10	7.91	6.2			184	9	7.55	6.5	197	8			7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																								
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39	41	35.40	1.94			42	39	33.18	2.07			47	34	29.28	2.3			54	30	25.96	2.6	60	27	23.13	2.9	63	26			22.06	3.1	66	25			21.22	3.2	77	21			18.06	3.7	89	18			15.57	4.3			96	17	14.52	4.6			110	15	12.69	5.3			117	14			11.89	5.7	132	12			10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																								
42	39	33.18	2.07			47	34	29.28	2.3			54	30	25.96	2.6			60	27	23.13	2.9	63	26	22.06	3.1	66	25			21.22	3.2	77	21			18.06	3.7	89	18			15.57	4.3	96	17			14.52	4.6			110	15	12.69	5.3			117	14	11.89	5.7			132	12			10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																														
47	34	29.28	2.3			54	30	25.96	2.6			60	27	23.13	2.9			63	26	22.06	3.1	66	25	21.22	3.2	77	21			18.06	3.7	89	18			15.57	4.3	96	17			14.52	4.6	110	15			12.69	5.3			117	14	11.89	5.7			132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																				
54	30	25.96	2.6			60	27	23.13	2.9			63	26	22.06	3.1			66	25	21.22	3.2	77	21	18.06	3.7	89	18			15.57	4.3	96	17			14.52	4.6	110	15			12.69	5.3	117	14			11.89	5.7			132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																										
60	27	23.13	2.9			63	26	22.06	3.1			66	25	21.22	3.2			77	21	18.06	3.7	89	18	15.57	4.3	96	17			14.52	4.6	110	15			12.69	5.3	117	14			11.89	5.7	132	12			10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																
63	26	22.06	3.1			66	25	21.22	3.2			77	21	18.06	3.7			89	18	15.57	4.3	96	17	14.52	4.6	110	15			12.69	5.3	117	14			11.89	5.7	132	12			10.5	5.9	149	11			9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																						
66	25	21.22	3.2			77	21	18.06	3.7			89	18	15.57	4.3			96	17	14.52	4.6	110	15	12.69	5.3	117	14			11.89	5.7	132	12			10.5	5.9	149	11			9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																												
77	21	18.06	3.7			89	18	15.57	4.3			96	17	14.52	4.6			110	15	12.69	5.3	117	14	11.89	5.7	132	12			10.5	5.9	149	11			9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																		
89	18	15.57	4.3			96	17	14.52	4.6			110	15	12.69	5.3			117	14	11.89	5.7	132	12	10.5	5.9	149	11			9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																								
96	17	14.52	4.6			110	15	12.69	5.3			117	14	11.89	5.7			132	12	10.5	5.9	149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																														
110	15	12.69	5.3			117	14	11.89	5.7			132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																		
117	14	11.89	5.7			132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																								
132	12	10.5	5.9			149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																														
149	11	9.31	6.1	176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																				
176	10	7.91	6.2	184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																								
184	9	7.55	6.5	197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																												
197	8	7.04	7.0	226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																
226	7.5	6.15	7.2	241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																				
241	7	5.76	7.3	273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																								
273	6	5.09	7.9	308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																												
308	5	4.51	8.4	363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																
363	4.5	3.83	10	140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																				
140	12	6.07	3.4	164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																								
164	10	5.18	6.9	188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																												
188	9.0	4.53	8.6	198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																																
198	8.5	4.30	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p				
0.75kW						1.1kW									
77	89	18.06	0.89	R 17 RF17	4	0.53	17744	2657	0.95	R 167R97 RF167R97	4				
89	77	15.57	1.04												
96	72	14.52	1.11												
110	63	12.69	1.27												
117	59	11.89	1.36												
132	52	10.50	1.41												
149	46	9.31	1.47												
176	39	7.91	1.48												
184	37	7.55	1.57												
197	35	7.04	1.67												
226	30	6.15	1.73												
241	28	5.76	1.75												
273	25	5.09	1.90												
308	22	4.51	2.0												
363	19	3.83	2.2												
201	35	4.53	2.2			RX 67 RXF67	6	0.63	14765			2211	0.83	R 147R77 RF147R77	4
212	33	4.30	2.3												
241	29	3.77	2.8												
284	25	3.20	3.8												
268	26	5.18	2.7	RX 67 RXF67	4	0.72	13029	1951	0.94	R 137R77 RF137R77	4				
307	23	4.53	3.4												
323	22	4.30	3.5												
369	19	3.77	4.3												
434	16	3.20	5.8												
481	15	2.89	6.8												
547	13	2.54	8.6												
579	12	2.40	9.5												
681	10	2.04	12												
747	9	1.86	13												
863	8	1.61	13												
240	29	3.79	2.2			RX 57 RXF57	6	1.0	9082			1360	0.83	R 107R77 RF107R77	4
256	27	3.55	2.4												
290	24	3.14	2.5												
313	22	2.91	2.8												
345	20	2.64	3.2												
320	22	4.35	2.9	RX 57 RXF57	4	1.1	8201	1228	0.92	R 97R57 RF97R57	4				
367	19	3.79	3.4												
392	18	3.55	3.6												
443	16	3.14	3.9												
478	15	2.91	4.3												
527	13	2.64	4.9												
586	12	2.37	5.4												
681	11	2.04	6.3												
724	10	1.92	6.7												
842	9	1.65	7.8												
939	8	1.48	8.6												
1069	7	1.30	9.0												
456	15	3.05	0.97	RX 37 RXF37	4	1.2	7787	1166	1.57	R 87R57 RF87R57	4				
527	13	2.64	1.13												
621	11	2.24	1.33												
695	10	2.00	1.49												
813	9	1.71	1.74												
869	8	1.60	1.86												
5.2	1783	267	0.82			R 107 RF107	8	1.3	7279			1090	1.03	R 77 RF77	4
5.5	1710	256	0.85												
6.0	1569	235	0.93												
6.1	1543	231	0.94												
6.7	1389	208	1.05												
7.2	1302	195	1.12												
2.8	3586	245.50	1.13					2.0	4621	692	0.87	R 67 RF67	4		
3.0	3283	226.11	1.23												
3.4	2901	200.87	1.39												
4.0	2461	167.29	1.64												

Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p						
1.1kW						1.1kW											
3.5	2788	256.89	1.02	R 97 RF97	6	20	488	69.23	0.87	R 57 RF57	4						
3.8	2613	240.83	1.08														
4.2	2343	215.94	1.20														
4.9	2018	185.97	1.39														
5.4	1812	256.89	1.56														
5.8	1699	240.83	1.66	R 97 RF97	4	22	457	64.85	0.92			R 47 RF47	4				
6.5	1523	215.94	1.85														
7.5	1312	185.97	2.1														
8.3	1192	169.06	2.4														
9.3	1064	150.78	2.7														
11	894	126.75	3.2														
12	822	116.48	3.4														
6.5	1527	216.54	0.95	R 87 RF87	4	24	404	57.29	1.05					R 37 RF37	4		
6.8	1451	205.71	1.00														
7.7	1282	181.77	1.14														
9.0	1096	155.34	1.33														
9.8	1004	142.41	1.45														
11	881	124.97	1.65														
12	835	118.43	1.74														
14	731	103.65	1.99														
15	659	93.38	2.2														
17	578	81.92	2.5														
19	510	72.37	2.9														
22	448	63.50	3.3														
23	424	60.18	3.4														
27	372	52.67	3.9														
12	856	121.42	0.90	R 77 RF77	4	26	375	53.22	1.13	R 27 RF27	4						
14	726	102.99	1.06														
15	656	92.97	1.18														
17	577	81.80	1.34														
18	545	77.24	1.41														
21	464	65.77	1.66														
25	398	56.38	1.94														
28	359	50.90	2.1														
31	316	44.78	2.4														
33	298	42.29	2.6														
39	254	36.01	3.0														
43	231	32.72	3.3														
16	607	86.11	0.93	R 67 RF67	4	29	340	48.23	1.24			R 27 RF27	4				
19	523	74.17	1.08														
20	492	69.75	1.15														
23	432	61.26	1.31														
25	401	56.89	1.41														
27	364	51.56	1.55														
30	326	46.29	1.73														
35	281	39.88	1.9														
37	265	37.50	2.0														
43	228	32.27	2.2														
49	203	28.83	2.4														
50	201	28.13	2.5														
52	192	26.72	2.6			32	305	43.30	1.39	R 27 RF27	4						
60	169	23.44	3.1														
70	143	19.89	3.9														
72	139	19.35	0.88					38	263					37.30	1.61	R 27 RF27	4
77	130	18.08	0.94														
90	113	15.63	1.09														
105	96	13.28	1.25														
118	85	11.86	1.42														
138	73	10.11	2.2														
148	68	9.47	2.3														
176	57	7.97	2.6														
210	48	6.67	2.8														
247	41	5.67	3.3														
277	36	5.06	3.5														
72	139	19.35	0.88					40	247			35.07	1.71	R 27 RF27	4		
77	130	18.08	0.94														
90	113	15.63	1.09														
105	96	13.28	1.25														
118	85	11.86	1.42														
138	73	10.13	1.57														
172	59	8.16	1.86														
183	55	7.63	1.92														
212	47	6.59	2.1														
250	40	5.60	2.3														
280	36	5.00	2.5														
328	31	4.27	2.7														
350	29	4.00	2.8														
415	24	3.37	3.1														

Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p																																																																																																																																																																																																																																																																																														
30kW						37kW																																																																																																																																																																																																																																																																																																			
100	2697	14.62	0.80	R 97 RF97	4	39	8507	37.65	0.88	R 137 RF137	4																																																																																																																																																																																																																																																																																														
118	2285	12.39	0.90			135	1998	10.83	0.98			158	1708	9.26	1.12	174	1544	8.37	1.24	206	1308	7.09	1.44	235	1144	6.20	1.55	282	955	5.18	1.75	325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478	19.82	0.90	R 107 RF107	4	476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																										
135	1998	10.83	0.98			158	1708	9.26	1.12			174	1544	8.37	1.24	206	1308	7.09	1.44	235	1144	6.20	1.55	282	955	5.18	1.75	325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90	R 107 RF107	4			476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04			RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796			3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																		
158	1708	9.26	1.12			174	1544	8.37	1.24			206	1308	7.09	1.44	235	1144	6.20	1.55	282	955	5.18	1.75	325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4					476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04					RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4			435	796			3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0			91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																										
174	1544	8.37	1.24			206	1308	7.09	1.44			235	1144	6.20	1.55	282	955	5.18	1.75	325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4									476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04							RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82			RX 107 RXF107	4			435	796			3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112	18.73	3.0			91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																		
206	1308	7.09	1.44			235	1144	6.20	1.55			282	955	5.18	1.75	325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4													476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04									RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610			2.59	1.82			RX 107 RXF107	4			435	796			3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08			61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112	18.73	3.0			91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1										
235	1144	6.20	1.55			282	955	5.18	1.75			325	828	4.49	1.85	432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4																	476	566	3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04											RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4			568	610			2.59	1.82			RX 107 RXF107	4			435	796			3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460			34.66	1.79	50	8153	29.87	2.08			61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112	18.73	3.0			91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1		
282	955	5.18	1.75			325	828	4.49	1.85			432	649	3.40	1.71	RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4													476	566							3.07	1.38	553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4	82	4065											17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610			2.59	1.82			RX 107 RXF107	4			435	796			3.38	0.98			R 167 RF167	4			479	723	3.07	1.08	557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59			43	9460	34.66	1.79	50	8153			29.87	2.08	61	6624	24.27	2.4			72	5617	20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4			102	3974	14.56	3.5	28	14431			52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979
325	828	4.49	1.85			432	649	3.40	1.71			RX 127 RXF127	4	432	623	3.38	1.25	RX 107 RXF107	4	74	4478			19.82	0.90			R 107 RF107	4													476	566			3.07	1.38							553	487	2.64	1.60	635	424	2.30	1.84	749	360	1.95	2.0	854	315	1.71	2.1	1014	266	1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4			82	4065	17.99	0.99									553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82			RX 107 RXF107	4			435	796			3.38	0.98			R 167 RF167	4							479	723	3.07	1.08	557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97					R 147 RF147	4	25	15970	58.51	1.06	29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631			38.95	1.59	43	9460	34.66	1.79			50	8153	29.87	2.08	61	6624			24.27	2.4	72	5617	20.58	2.6			79	5112	18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5			28	14431			52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997	40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273
432	649	3.40	1.71			RX 127 RXF127	4																																																																																																																																																																																																																																																																																																		
432	623	3.38	1.25	RX 107 RXF107	4	74	4478	19.82	0.90	R 107 RF107	4																																																																																																																																																																																																																																																																																														
476	566	3.07	1.38			553	487	2.64	1.60			635	424	2.30	1.84	749	360			1.95	2.0			854	315					1.71	2.1			1014	266			1.44	2.3			500	539			2.92	1.04					RX 97 RXF97	4	82	4065	17.99	0.99	553	487	2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63					432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57			RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06											29	13896	50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112							18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997			40.29	1.11	42	9728	35.64	1.26			49	8175	29.95	1.49	61	6603			24.19	1.69	72	5579	20.44	2.0			82	4924	18.04	2.0	95	4269			15.64	2.9			106	3797			13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																												
553	487	2.64	1.60			635	424	2.30	1.84			749	360	1.95	2.0	854	315			1.71	2.1			1014	266	1.44	2.3			500	539			2.92	1.04			RX 97 RXF97	4			82	4065			17.99	0.99			553	487			2.64	1.15	652	413	2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4					490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622			2.64	1.25	639	542	2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22	33	12264									44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974							14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997			40.29	1.11	42	9728	35.64	1.26	49	8175	29.95	1.49	61	6603	24.19	1.69			72	5579	20.44	2.0	82	4924			18.04	2.0	95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273			11.99	3.7			204	1979			7.25	4.1																																				
635	424	2.30	1.84			749	360	1.95	2.0			854	315	1.71	2.1	1014	266			1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4			82	4065			17.99	0.99							553	487			2.64	1.15	652	413	2.24	1.35			745	362	1.96	1.48	890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4			568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622			2.64	1.25	639	542	2.30	1.44			754	459	1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38	38	10631			38.95	1.59					43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431			52.87	0.85	R 147 RF147	4							32	12733	46.65	0.96	37	10997			40.29	1.11	42	9728	35.64	1.26			49	8175	29.95	1.49	61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797			13.91	3.2	123	3273	11.99	3.7			204	1979	7.25	4.1																																																		
749	360	1.95	2.0			854	315	1.71	2.1			1014	266	1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4	82	4065	17.99	0.99					553	487			2.64	1.15							652	413	2.24	1.35	745	362	1.96	1.48	890	303			1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622			2.64	1.25	639	542	2.30	1.44			754	459	1.95	1.57	860	403			1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59	43	9460			34.66	1.79			50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997									40.29	1.11	42	9728	35.64	1.26			49	8175	29.95	1.49	61	6603			24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																												
854	315	1.71	2.1			1014	266	1.44	2.3			500	539	2.92	1.04	RX 97 RXF97	4	82	4065			17.99	0.99	553	487					2.64	1.15			652	413					2.24	1.35	745	362	1.96	1.48	890	303	1.64	1.57	1028	262			1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723			3.07	1.08	557	622	2.64	1.25			639	542	2.30	1.44	754	459			1.95	1.57	860	403	1.71	1.65			1021	339	1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4			25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59	43	9460			34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4			32	12733	46.65	0.96	37	10997	40.29	1.11									42	9728	35.64	1.26	49	8175			29.95	1.49	61	6603	24.19	1.69			72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																														
1014	266	1.44	2.3	500	539	2.92	1.04	RX 97 RXF97	4			82	4065	17.99	0.99			553	487			2.64	1.15	652	413					2.24	1.35			745	362	1.96	1.48			890	303	1.64	1.57	1028	262	1.42	1.63	432	801	3.40	1.39			RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622			2.64	1.25	639	542	2.30	1.44			754	459	1.95	1.57	860	403			1.71	1.65	1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4	25	15970					58.51	1.06	29	13896			50.91	1.22	33	12264			44.93	1.38	38	10631			38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733					46.65	0.96	37	10997	40.29	1.11	42	9728			35.64	1.26					49	8175	29.95	1.49	61	6603			24.19	1.69	72	5579	20.44	2.0			82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																		
500	539	2.92	1.04	RX 97 RXF97	4	82	4065					17.99	0.99	553	487			2.64	1.15			652	413	2.24	1.35					745	362	1.96	1.48	890	303	1.64	1.57			1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542			2.30	1.44	754	459	1.95	1.57			860	403	1.71	1.65	1021	339			1.44	1.79	23	17463	63.98	0.97			R 147 RF147	4	25	15970			58.51	1.06					29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4			32	12733					46.65	0.96	37	10997	40.29	1.11	42	9728			35.64	1.26	49	8175			29.95	1.49	61	6603	24.19	1.69			72	5579	20.44	2.0	82	4924			18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																				
553	487	2.64	1.15			652	413					2.24	1.35	745	362			1.96	1.48			890	303	1.64	1.57			1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622	2.64	1.25	639	542			2.30	1.44	754	459			1.95	1.57	860	403			1.71	1.65			1021	339	1.44	1.79	23	17463			63.98	0.97	R 147 RF147	4	25	15970			58.51	1.06	29	13896	50.91	1.22					33	12264			44.93	1.38					38	10631	38.95	1.59			43	9460	34.66	1.79			50	8153	29.87	2.08			61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997					40.29	1.11					42	9728	35.64	1.26	49	8175	29.95	1.49			61	6603	24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0			95	4269	15.64	2.9	106	3797			13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																												
652	413	2.24	1.35			745	362					1.96	1.48	890	303			1.64	1.57			1028	262	1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25	639	542	2.30	1.44	754	459			1.95	1.57	860	403			1.71	1.65	1021	339			1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4			25	15970			58.51	1.06			29	13896	50.91	1.22	33	12264	44.93	1.38			38	10631			38.95	1.59					43	9460	34.66	1.79			50	8153	29.87	2.08			61	6624	24.27	2.4			72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733			46.65	0.96	37	10997	40.29	1.11					42	9728					35.64	1.26	49	8175	29.95	1.49	61	6603			24.19	1.69	72	5579	20.44	2.0	82	4924	18.04	2.0	95	4269			15.64	2.9	106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																														
745	362	1.96	1.48			890	303			1.64	1.57	1028	262	1.42	1.63			432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08	557	622			2.64	1.25	639	542			2.30	1.44	754	459	1.95	1.57	860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4			25	15970	58.51	1.06					29	13896			50.91	1.22	33	12264	44.93	1.38	38	10631	38.95	1.59	43	9460			34.66	1.79			50	8153					29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997			40.29	1.11	42	9728	35.64	1.26					49	8175					29.95	1.49	61	6603	24.19	1.69	72	5579			20.44	2.0	82	4924	18.04	2.0	95	4269	15.64	2.9	106	3797			13.91	3.2	123	3273	11.99	3.7			204	1979	7.25	4.1																																																																																		
890	303	1.64	1.57			1028	262			1.42	1.63	432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25	639	542			2.30	1.44	754	459			1.95	1.57	860	403	1.71	1.65	1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970							58.51	1.06	29	13896			50.91	1.22	33	12264			44.93	1.38	38	10631	38.95	1.59	43	9460	34.66	1.79	50	8153			29.87	2.08			61	6624					24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728			35.64	1.26	49	8175	29.95	1.49					61	6603					24.19	1.69	72	5579	20.44	2.0	82	4924			18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																								
1028	262	1.42	1.63			432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44	754	459			1.95	1.57	860	403			1.71	1.65	1021	339	1.44	1.79	23	17463	63.98	0.97			R 147 RF147	4	25	15970					58.51	1.06					29	13896	50.91	1.22	33	12264			44.93	1.38	38	10631			38.95	1.59	43	9460	34.66	1.79	50	8153	29.87	2.08	61	6624			24.27	2.4			72	5617					20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175			29.95	1.49	61	6603	24.19	1.69					72	5579					20.44	2.0	82	4924	18.04	2.0	95	4269			15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																														
432	801	3.40	1.39	RX 127 RXF127	4	490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57	860	403			1.71	1.65	1021	339			1.44	1.79	23	17463	63.98	0.97	R 147 RF147	4	25	15970					58.51	1.06					29	13896	50.91	1.22			33	12264	44.93	1.38	38	10631			38.95	1.59	43	9460			34.66	1.79	50	8153	29.87	2.08	61	6624	24.27	2.4	72	5617			20.58	2.6			79	5112					18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603			24.19	1.69	72	5579	20.44	2.0					82	4924					18.04	2.0	95	4269	15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																				
490	707	3.00	1.57	RX 107 RXF107	4	568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65	1021	339			1.44	1.79	23	17463			63.98	0.97	R 147 RF147	4	25	15970			58.51	1.06					29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624	24.27	2.4	72	5617	20.58	2.6	79	5112			18.73	3.0			91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579			20.44	2.0	82	4924	18.04	2.0					95	4269			15.64	2.9	106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																										
568	610	2.59	1.82	RX 107 RXF107	4	435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79	23	17463			63.98	0.97	R 147 RF147	4			25	15970			58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617	20.58	2.6	79	5112	18.73	3.0	91	4452			16.31	3.4			102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924			18.04	2.0	95	4269	15.64	2.9					106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																
435	796	3.38	0.98	R 167 RF167	4	479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97	R 147 RF147	4			25	15970			58.51	1.06	29	13896			50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79			50	8153	29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974			14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269			15.64	2.9	106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																						
479	723	3.07	1.08			557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970			58.51	1.06	29	13896			50.91	1.22	33	12264			44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79			50	8153	29.87	2.08			61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797			13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																												
557	622	2.64	1.25			639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896			50.91	1.22	33	12264			44.93	1.38	38	10631			38.95	1.59			43	9460	34.66	1.79			50	8153	29.87	2.08			61	6624	24.27	2.4			72	5617	20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																		
639	542	2.30	1.44			754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264			44.93	1.38	38	10631			38.95	1.59	43	9460			34.66	1.79			50	8153	29.87	2.08			61	6624	24.27	2.4			72	5617	20.58	2.6			79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																								
754	459	1.95	1.57			860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631			38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08			61	6624	24.27	2.4			72	5617	20.58	2.6			79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																														
860	403	1.71	1.65			1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4			72	5617	20.58	2.6			79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																				
1021	339	1.44	1.79			23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79			50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6			79	5112	18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																										
23	17463	63.98	0.97			R 147 RF147	4	25	15970	58.51	1.06			29	13896	50.91	1.22			33	12264	44.93	1.38			38	10631	38.95	1.59			43	9460	34.66	1.79			50	8153	29.87	2.08			61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																
25	15970	58.51	1.06	29	13896			50.91	1.22	33	12264			44.93	1.38	38	10631			38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6			79	5112	18.73	3.0			91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96	37	10997			40.29	1.11	42	9728			35.64	1.26	49	8175			29.95	1.49	61	6603			24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																								
29	13896	50.91	1.22	33	12264			44.93	1.38	38	10631			38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0			91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11	42	9728			35.64	1.26	49	8175			29.95	1.49	61	6603			24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																														
33	12264	44.93	1.38	38	10631			38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26	49	8175			29.95	1.49	61	6603			24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																				
38	10631	38.95	1.59	43	9460			34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49	61	6603			24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																										
43	9460	34.66	1.79	50	8153			29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																
50	8153	29.87	2.08	61	6624			24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																						
61	6624	24.27	2.4	72	5617			20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																												
72	5617	20.58	2.6	79	5112			18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9	106	3797			13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																		
79	5112	18.73	3.0	91	4452			16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273			11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																								
91	4452	16.31	3.4	102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733	46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																														
102	3974	14.56	3.5	28	14431	52.87	0.85	R 147 RF147	4	32	12733			46.65	0.96	37	10997			40.29	1.11	42	9728			35.64	1.26	49	8175			29.95	1.49	61	6603			24.19	1.69	72	5579			20.44	2.0	82	4924			18.04	2.0	95	4269			15.64	2.9	106	3797			13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																		
28	14431	52.87	0.85	R 147 RF147	4	32	12733			46.65	0.96			37	10997	40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																						
32	12733	46.65	0.96			37	10997			40.29	1.11			42	9728	35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																												
37	10997	40.29	1.11			42	9728			35.64	1.26			49	8175	29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																		
42	9728	35.64	1.26			49	8175			29.95	1.49			61	6603	24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																								
49	8175	29.95	1.49			61	6603			24.19	1.69			72	5579	20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																														
61	6603	24.19	1.69			72	5579			20.44	2.0			82	4924	18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																				
72	5579	20.44	2.0			82	4924			18.04	2.0			95	4269	15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																										
82	4924	18.04	2.0			95	4269			15.64	2.9			106	3797	13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																																
95	4269	15.64	2.9			106	3797			13.91	3.2	123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																																						
106	3797	13.91	3.2			123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																																												
123	3273	11.99	3.7	204	1979	7.25	4.1																																																																																																																																																																																																																																																																																																		
204	1979	7.25	4.1																																																																																																																																																																																																																																																																																																						

Technical Parameter Table

Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p	Output speed r/min	Output torque Nm	Ratio i	Service factor f _B	Type Type	Pole p																																																																																																																																																																
90kW						110kW																																																																																																																																																																					
72	11158	20.44	1.01	R 147 RF147	4	61	16193	24.27	1.04	R 167 RF167	4																																																																																																																																																																
82	9848	18.04	1.10			95	8538	15.64	1.43			106	7593	13.91	1.56	123	6545	11.99	1.87	156	5170	9.47	2.1	179	4509	8.26	2.4	204	3958	7.25	2.5	251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23	91	10882	16.31	1.38	102	9715	14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89														
95	8538	15.64	1.43			106	7593	13.91	1.56			123	6545	11.99	1.87	156	5170	9.47	2.1	179	4509	8.26	2.4	204	3958	7.25	2.5	251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23	91	10882	16.31	1.38	102	9715	14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4			91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41			R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89												
106	7593	13.91	1.56			123	6545	11.99	1.87			156	5170	9.47	2.1	179	4509	8.26	2.4	204	3958	7.25	2.5	251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882	16.31	1.38	102	9715	14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4					91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41					R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89										
123	6545	11.99	1.87			156	5170	9.47	2.1			179	4509	8.26	2.4	204	3958	7.25	2.5	251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38	102	9715	14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4							91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41							R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89								
156	5170	9.47	2.1			179	4509	8.26	2.4			204	3958	7.25	2.5	251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38			102	9715	14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4									91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41									R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89						
179	4509	8.26	2.4			204	3958	7.25	2.5			251	3215	5.89	2.7	296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38			102	9715			14.56	1.45	119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4											91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41											R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89				
204	3958	7.25	2.5			251	3215	5.89	2.7			296	2729	5.00	3.0	542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38			102	9715			14.56	1.45			119	8280	12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4													91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41													R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89		
251	3215	5.89	2.7			296	2729	5.00	3.0			542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38			102	9715			14.56	1.45			119	8280			12.41	2.04	144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4															91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41															R 167 RF167	4	145	9910	10.28	1.61	170	8484	8.77	1.89
296	2729	5.00	3.0			542	1555	2.75	1.08			RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731			20.58	1.23			91	10882			16.31	1.38			102	9715			14.56	1.45			119	8280			12.41	2.04			144	6859	10.28	2.3	169	5851	8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4																	91	13059	16.31	1.15	102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41																	R 167 RF167	4	145	9910	10.28	1.61	170	8484
542	1555	2.75	1.08	RX 157 RXF157	4	629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23	91	10882			16.31	1.38			102	9715			14.56	1.45			119	8280			12.41	2.04			144	6859			10.28	2.3			169	5851			8.77	2.7	629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15																			102	11657	14.56	1.21	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910																			10.28	1.61	170	8484	8.77	1.89
629	1340	2.37	1.25	RX 127 RXF127	4	772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23			91	10882	16.31	1.38	102	9715			14.56	1.45			119	8280			12.41	2.04			144	6859			10.28	2.3			169	5851			8.77	2.7			629	1638	2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21																	119	9936	12.41	1.70	144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																						
772	1091	1.93	1.54	RX 127 RXF127	4	955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23			91	10882	16.31	1.38			102	9715	14.56	1.45	119	8280			12.41	2.04			144	6859			10.28	2.3			169	5851			8.77	2.7			629	1638			2.37	1.03	RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70															144	8231	10.28	1.94	169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																												
955	882	1.56	1.26	RX 157 RXF157	4	61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23			91	10882	16.31	1.38			102	9715	14.56	1.45			119	8280	12.41	2.04	144	6859			10.28	2.3			169	5851			8.77	2.7			629	1638			2.37	1.03			RX 157 RXF157	4	772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94													169	7022	8.77	2.28	914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																																		
61	16193	24.27	1.04	R 167 RF167	4	72	13731	20.58	1.23			91	10882	16.31	1.38			102	9715	14.56	1.45			119	8280	12.41	2.04			144	6859	10.28	2.3	169	5851			8.77	2.7			629	1638			2.37	1.03			RX 157 RXF157	4			772	1334	1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28											914	1351	1.63	1.24	RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																																								
72	13731	20.58	1.23			91	10882	16.31	1.38			102	9715	14.56	1.45			119	8280	12.41	2.04			144	6859	10.28	2.3			169	5851	8.77	2.7	629	1638			2.37	1.03			RX 157 RXF157	4			772	1334			1.93	1.26	RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24									RX 157 RXF157	4	72	11963	12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																																														
91	10882	16.31	1.38			102	9715	14.56	1.45			119	8280	12.41	2.04			144	6859	10.28	2.3			169	5851	8.77	2.7			629	1638	2.37	1.03	RX 157 RXF157	4			772	1334			1.93	1.26			RX 157 RXF157	4	914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963							12.41	1.41	R 167 RF167	4	145	9910	10.28	1.61			170	8484	8.77	1.89																																																				
102	9715	14.56	1.45			119	8280	12.41	2.04			144	6859	10.28	2.3			169	5851	8.77	2.7			629	1638	2.37	1.03			RX 157 RXF157	4	772	1334	1.93	1.26			RX 157 RXF157	4			914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4					145	9910	10.28	1.61			170	8484	8.77	1.89																																																										
119	8280	12.41	2.04			144	6859	10.28	2.3			169	5851	8.77	2.7			629	1638	2.37	1.03			RX 157 RXF157	4	772	1334			1.93	1.26	RX 157 RXF157	4	914	1126			1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4			145	9910					10.28	1.61	170	8484	8.77	1.89																																																																
144	6859	10.28	2.3			169	5851	8.77	2.7			629	1638	2.37	1.03			RX 157 RXF157	4	772	1334			1.93	1.26	RX 157 RXF157	4			914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4			145	9910					10.28	1.61			170	8484	8.77	1.89																																																																				
169	5851	8.77	2.7			629	1638	2.37	1.03			RX 157 RXF157	4	772	1334			1.93	1.26	RX 157 RXF157	4			914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4			145	9910					10.28	1.61			170	8484	8.77	1.89																																																																										
629	1638	2.37	1.03			RX 157 RXF157	4	772	1334			1.93	1.26	RX 157 RXF157	4			914	1126	1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15			102	11657	14.56	1.21			119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4			145	9910					10.28	1.61			170	8484	8.77	1.89																																																																																
772	1334	1.93	1.26			RX 157 RXF157	4	914	1126			1.63	1.49	RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15	102	11657			14.56	1.21	119	9936			12.41	1.70	144	8231			10.28	1.94	169	7022			8.77	2.28	914	1351			1.63	1.24	RX 157 RXF157	4			72	11963	12.41	1.41			R 167 RF167	4	145	9910			10.28	1.61					170	8484			8.77	1.89																																																																																								
914	1126	1.63	1.49			RX 157 RXF157	4	72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15	102	11657			14.56	1.21	119	9936	12.41	1.70			144	8231	10.28	1.94			169	7022	8.77	2.28			914	1351	1.63	1.24			RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4			145	9910	10.28	1.61					170	8484			8.77	1.89																																																																																																		
72	16477	20.58	1.03	R 167 RF167	4	91	13059	16.31	1.15	102	11657			14.56	1.21	119	9936	12.41	1.70			144	8231	10.28	1.94	169	7022			8.77	2.28	914	1351			1.63	1.24	RX 157 RXF157	4			72	11963	12.41	1.41			R 167 RF167	4	145	9910			10.28	1.61					170	8484	8.77	1.89																																																																																																												
91	13059	16.31	1.15			102	11657	14.56	1.21	119	9936			12.41	1.70	144	8231	10.28	1.94			169	7022	8.77	2.28	914	1351			1.63	1.24	RX 157 RXF157	4			72	11963	12.41	1.41			R 167 RF167	4	145	9910					10.28	1.61			170	8484					8.77	1.89																																																																																																														
102	11657	14.56	1.21			119	9936	12.41	1.70	144	8231			10.28	1.94	169	7022	8.77	2.28			914	1351	1.63	1.24	RX 157 RXF157	4			72	11963	12.41	1.41			R 167 RF167	4	145	9910					10.28	1.61					170	8484			8.77	1.89																																																																																																																				
119	9936	12.41	1.70			144	8231	10.28	1.94	169	7022			8.77	2.28	914	1351	1.63	1.24			RX 157 RXF157	4	72	11963	12.41	1.41			R 167 RF167	4	145	9910					10.28	1.61					170	8484					8.77	1.89																																																																																																																								
144	8231	10.28	1.94			169	7022	8.77	2.28	914	1351			1.63	1.24	RX 157 RXF157	4	72	11963			12.41	1.41	R 167 RF167	4	145	9910					10.28	1.61					170	8484					8.77	1.89																																																																																																																														
169	7022	8.77	2.28			914	1351	1.63	1.24	RX 157 RXF157	4			72	11963	12.41	1.41	R 167 RF167	4			145	9910			10.28	1.61					170	8484					8.77	1.89																																																																																																																																				
914	1351	1.63	1.24			RX 157 RXF157	4	72	11963	12.41	1.41			R 167 RF167	4	145	9910					10.28	1.61			170	8484					8.77	1.89																																																																																																																																										
72	11963	12.41	1.41			R 167 RF167	4	145	9910	10.28	1.61					170	8484					8.77	1.89																																																																																																																																																				
145	9910	10.28	1.61					170	8484	8.77	1.89																																																																																																																																																																
170	8484	8.77	1.89																																																																																																																																																																								

Technical Parameter Table

Permissible torque Nm	Output speed r/min	Ratio i	Type Type	Power kW/4p	Permissible torque Nm	Output speed r/min	Ratio i	Type Type	Power kW/4p				
130	8.5	164	R 27R17 RF27R17	0.18	1550	0.82	1690	R 87R57 RF87R57	0.18				
	8.9	156				0.91	1524			0.25			
	10	135				1.0	1395						
	12	118		1.1		1232							
	13	104		1.2		1145	0.37						
	15	90		1.3		1037							
1.6	883	1.7	802	0.55									
1.8	754	2.0	683										
1.4	1008	2.3	599										
200	4.8	289	R 37R17 RF37R17	0.18		2.6	538		R 97R57 RF97R57	0.55	0.75		
	5.7	243				2.9	472						
	6.2	226				3.4	400						
	7.5	185		3.5	396	1.1							
	8.5	164		3.9	361								
	8.9	156		4.0	351								
300	3.2	429	R 47R37 RF47R37	0.18	4.6	305	R 107R77 RF107R77	0.75	1.1				
	3.7	372			4.7	300							
	4.0	348			5.2	267							
	4.6	301		5.5	256	0.18							
	5.5	255		0.32	4309								
	6.1	228		0.35	4004								
450	2.1	678	R 57R37 RF57R37	0.18	0.38	3702	R 137R77 RF137R77	0.25	0.37				
	2.4	589			0.40	3481							
	2.6	537			0.46	3019							
	3.0	471		0.52	2668	0.25							
	3.9	357		0.62	2245								
	4.4	319		0.69	2016								
600	5.2	267	R 67R37 RF67R37	0.37	0.76	1823	R 177R77 RF177R77	1.1	1.5				
	5.8	241			0.80	1733							
	1.7	836			0.86	1623				0.18			
	1.9	750			0.88	1583							
	2.0	730			0.97	1434							
	2.2	630			1.00	1396				0.37			
	2.4	571		1.1	1228								
	2.5	561		1.2	1207								
	820	2.8		495	R 77R37 RF77R37	0.25		1.3	1084	R 277R77 RF277R77	0.55	1.1	
		2.9		486				1.3	1068				
		3.2		438				1.5	937				0.75
		3.6		388				1.5	934				
4.1		336	1.6	878									
4.8		287	1.7	824			1.1						
1.2		1124	1.8	755									
1.3		1047	1.9	737									
1550		1.5	915	R 87R57 RF87R57		0.18	2.1	631	R 377R77 RF377R77		0.25	0.37	
		1.6	858				2.2	625					
		1.8	757				2.5	549					1.5
		2.1	671				2.6	560					
	2.4	571	2.9		484								
	2.5	547	3.2		430		2.2						
	2.9	477	3.7		379								
	3.3	426	4.1		336								
	800	3.8	364		R 97R57 RF97R57	0.37	4.7	296		R 477R77 RF477R77	0.55	0.75	
		4.5	312				5.1	270					
		4.5	310				5.6	249					
		5.6	248			5.9	234	1.5					
0.65		2129	6.1	227									
0.71		1955											
0.72	1930			2.2									
0.79	1737												
0.80	1733												

Technical Parameter Table

Permissible torque Nm	Output speed r/min	Ratio i	Type Type	Power kW/4p	Permissible torque Nm	Output speed r/min	Ratio i	Type Type	Power kW/4p		
4300	0.21	6690	R 107R77 RF107R77	0.18	8000	0.34	4018	R 137R77 RF137R77	0.37		
	0.24	5735				0.35	3928				
	0.27	5127				0.40	3514			0.55	
	0.32	4302				0.41	3377				
	0.36	3870				0.42	3338				
	0.36	3847				0.47	2929				
	0.42	3302				0.48	2926				
	0.46	3015				0.52	2658				
	0.46	2997				0.56	2484				
	0.53	2621				0.58	2412				0.75
	0.62	2252				0.62	2242				
	0.68	2041				0.67	2073				
	0.71	1971		0.75		1863					
	0.77	1813		0.76		1839					
	0.83	1673		0.88		1598					
	0.88	1587		1.0		1397					
	0.91	1531		1.1		1226					
	1.00	1390		1.3		1090	1.1				
	1.00	1389		1.3		1080					
	1.14	1216		1.4		1020					
	1.2	1194		1.5		951					
	1.27	1095		1.6		869					
	1.3	1043		1.7		831					
	1.50	927		2.0		730					
1.6	888	2.1	684								
1.7	787	2.3	629								
2.0	692	2.3	609								
2.3	605	2.6	564								
2.4	598	2.6	549								
2.6	530	2.8	517								
2.7	510	2.9	490								
2.9	479	3.2	453								
3.1	463	3.4	428								
3.4	420	3.8	376								
3.5	406	3.8	374								
3.8	373	4.2	339								
4.0	357	4.5	317								
4.5	321	4.8	297								
4.6	313	5.0	286								
5.1	281	5.8	250	1.5							
5.2	277	0.08	18210								
5.7	253	0.09	15923								
5.8	245	0.10	14075								
6.6	217	0.12	12344								
6.9	208	0.13	11143								
7.5	191	0.15	9743								
7.9	181	0.17	8443								
8.6	167	0.20	7307								
0.12	11712	0.22	6447								
0.13	10573	0.26	5568								
0.16	8784	0.30	4815								
0.19	7479	0.33	4325								
0.22	6412	0.39	3669								
0.24	5834	0.44	3228								
0.28	5001	0.50	2833								
0.30	4709										
0.32	4364										

All gear units are overloaded in above table. Determination of operating torque should not higher than the gear unit's nominal torque.

Technical Parameter Table

Permissible torque	Output speed	Ratio	Type		Power	Permissible torque	Output speed	Ratio	Type		Power
			Type	Type					Type	Type	
Nm	r/min	i			kW/4p	Nm	r/min	i			kW/4p
13000	0.56	2555	R 147R77 RF147R77		1.1		4.9	295	R 167R107 RF167R107		11
	0.65	2211					5.1	287			
	0.73	1951					5.2	281			
	0.84	1705			5.6		260	15			
	0.93	1536			6.1		238				
	1.1	1329			6.5		224				
	1.2	1166			7.0		208				
	1.4	1029			7.5		195				
	1.6	889			3						
	1.8	784									
	2.1	695									
	2.4	607			4						
	2.6	547									
	3.0	480									
	2.7	540			4						
	3.1	462									
	3.3	432									
	3.9	373			5.5						
4.4	330										
6.8	216										
18000	0.05	27001	R 167R97 RF167R97		0.55		0.06	22482	0.75		
	0.07	20002					0.08	17361			
	0.09	15446					0.10	14051			
	0.12	11812					0.13	10519			
	0.14	9754					0.23	6069			
	0.26	5399					0.75				
	0.30	4709									
	0.33	4182									
	0.18	7749					1.1				
	0.20	6894									
	0.37	3739									
	0.54	2657					1.5				
	0.61	2333									
	0.69	2085									
	0.76	1877			2.2						
	0.86	1670									
	0.98	1456									
	1.1	1296			3						
	1.3	1137									
	1.4	1012									
	1.7	872			4						
	1.9	770									
	2.2	664									
	2.5	578			5.5						
2.8	510										
3.3	438										
3.8	380	7.5									
4.3	338										
4.8	307										
5.2	282	11									

All gear units are overloaded in above table. Determination of operating torque should not higher than the gear unit's nominal torque.

Dimensional Drawings

RX37

RX..S37

37

RXF37

Customers provide the motor by themselves need connected flange.

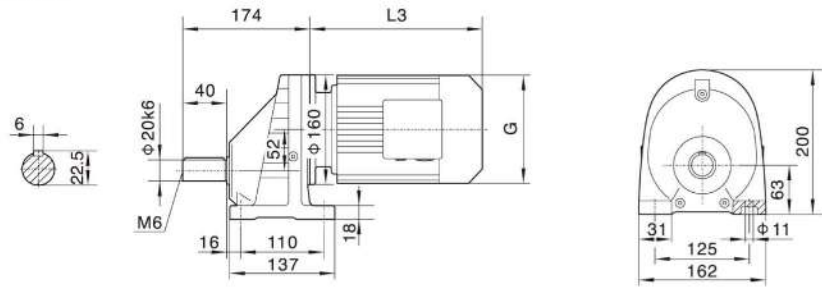
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1
L3	223	236	264	301
G	130	145	175	195
L2	71	71	71	71

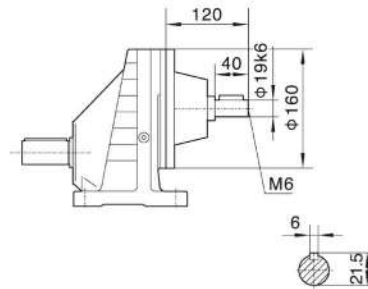
Note: "RX.." means RX, RXF.

Dimensional Drawings

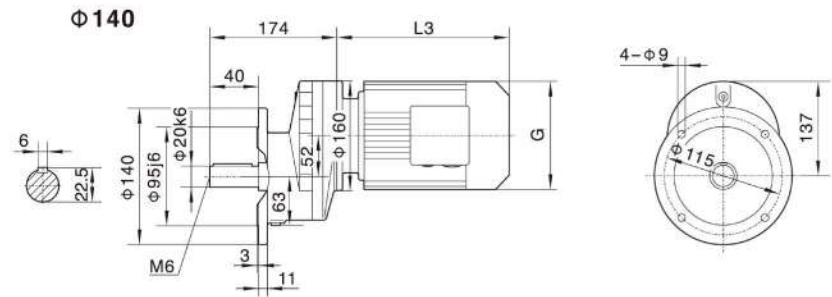
RX57



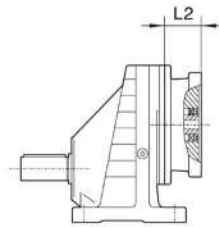
RX..S57



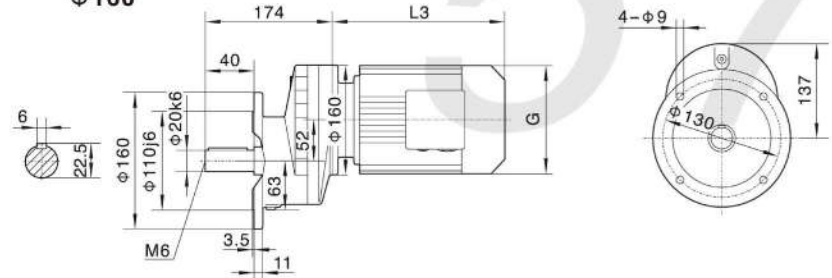
RXF57



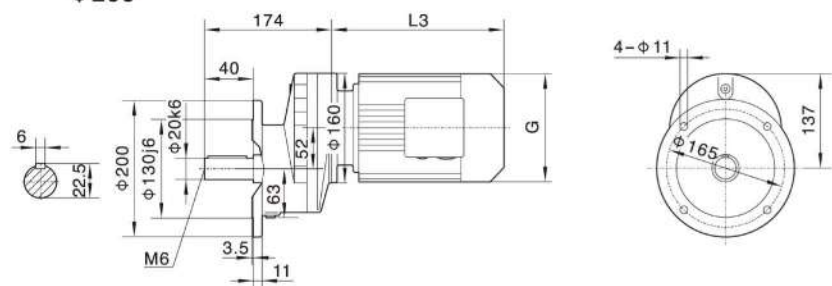
Customers provide the motor by themselves need connected flange.



φ160



φ200



Note: For other values please refer to relevant structure.

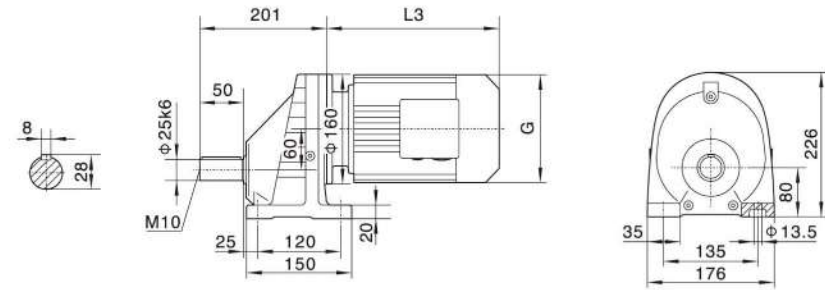
Motor size	63	71	80	90S	90L	100	112M	132S	
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	
L3	223	245	278	304	328	350	380	425	
G	130	145	175	195	195	215	240	275	
L2	81	81	81	81	81	93	93	101	

Note: "RX.." means RX, RXF.

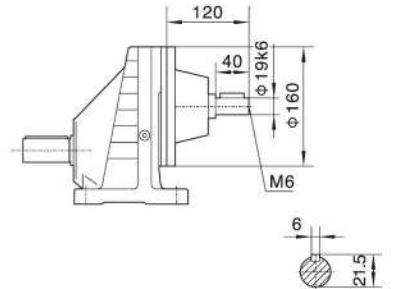


Dimensional Drawings

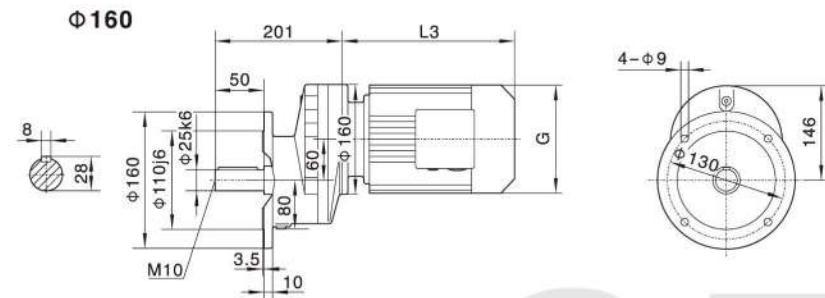
RX67



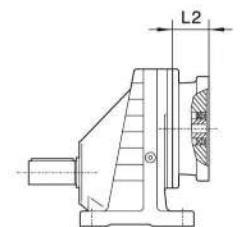
RX..S67



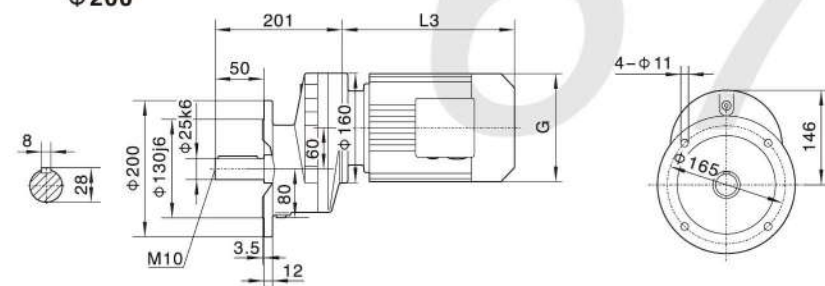
RXF67



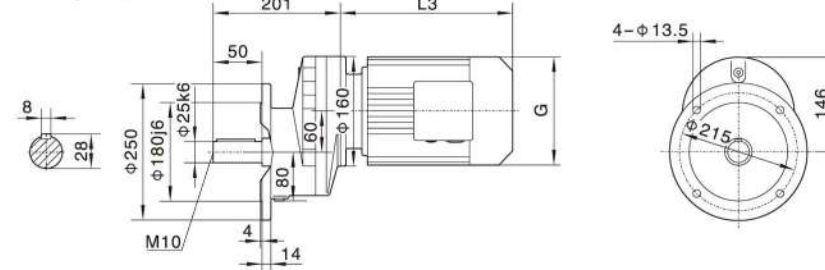
Customers provide the motor by themselves need connected flange.



φ200



φ250



Note: For other values please refer to relevant structure.

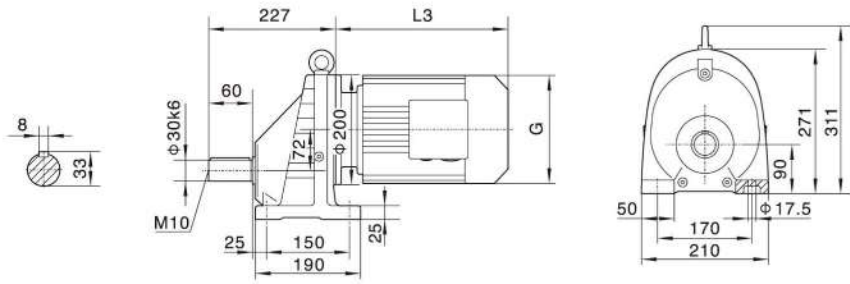
Motor size	63	71	80	90S	90L	100	112M	132S	132M
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5
L3	223	245	278	304	328	350	380	425	461
G	130	145	175	195	195	215	240	275	275
L2	81	81	81	81	81	93	93	101	101

Note: "RX.." means RX, RXF.

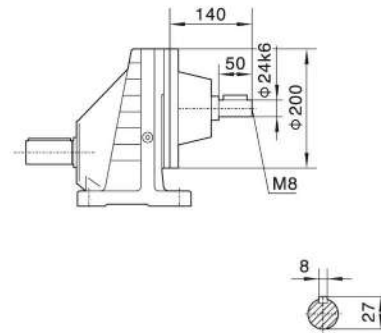


Dimensional Drawings

RX77

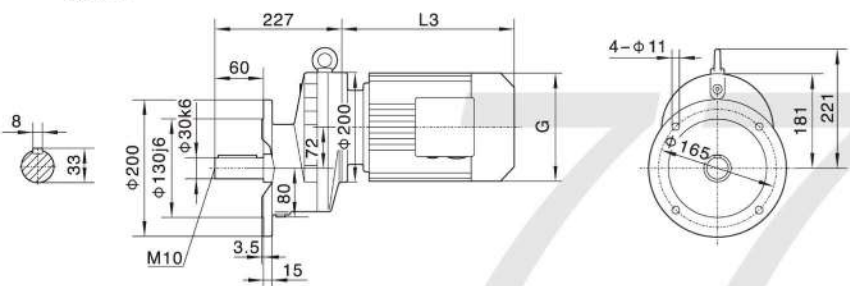


RX..S77

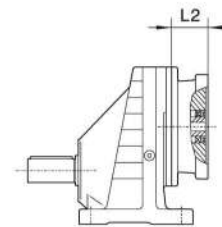


RXF77

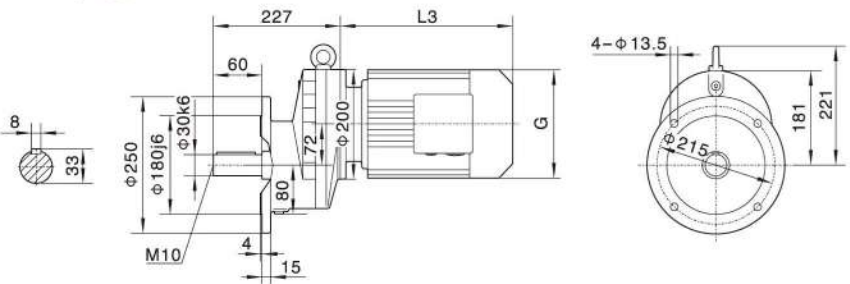
Φ 200



Customers provide the motor by themselves need connected flange.



Φ 250

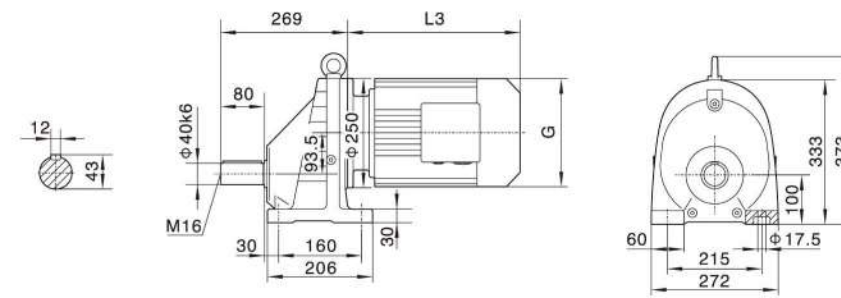


Note: For other values please refer to relevant structure.

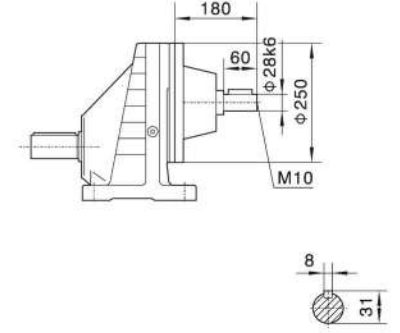
Motor size	90S	90L	100	112M	132S	132M	160M	
Power/(kW)	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11	
L3	304	328	350	380	425	461	524	
G	195	195	215	240	275	275	330	
L2	81	81	93	93	101	101	126	

Note: "RX.." means RX, RXF.

RX87

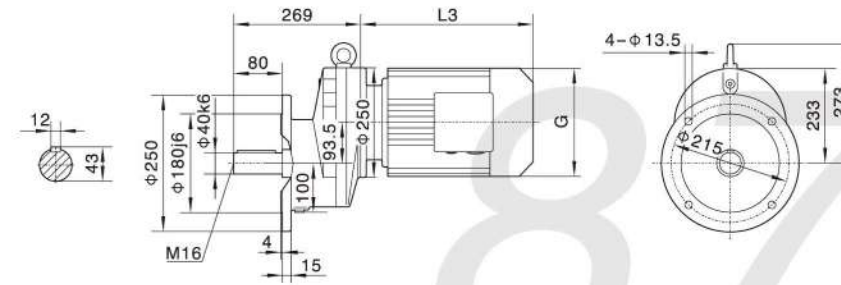


RX..S87

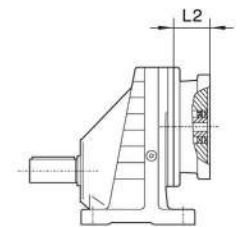


RXF87

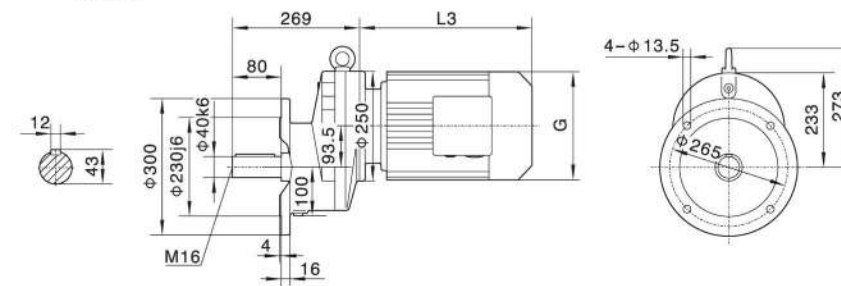
Φ 250



Customers provide the motor by themselves need connected flange.



Φ 300



Note: For other values please refer to relevant structure.

Motor size	100	112M	132S	132M	160M	160L	180M	180L	
Power/(kW)	3.0	4.0	5.5	7.5	11	15	18.5	22	
L3	351	380	425	461	524	547	583	616	
G	215	240	275	275	330	330	380	380	
L2	71	71	101	101	126	126	126	126	

Note: "RX.." means RX, RXF.

Dimensional Drawings

RX97

RX..S97

RXF97

Customers provide the motor by themselves need connected flange.

φ350

Note: For other values please refer to relevant structure.

Motor size	132S	132M	160M	160L	180M	180L	200
Power/(kW)	5.5	7.5	11	15	18.5	22	30
L3	425	461	524	547	555	588	654
G	275	275	330	330	380	380	420
L2	101	101	126	126	126	126	126

Note: "RX.." means RX, RXF.

Dimensional Drawings

RX107

RX..S107

RXF107

Customers provide the motor by themselves need connected flange.

φ450

Note: For other values please refer to relevant structure.

Motor size	132M	160M	160L	180M	180L	200	225S	225M
Power/(kW)	7.5	11	15	18.5	22	30	37	45
L3	422	504	519	555	588	654	680	702
G	275	330	330	380	380	420	470	470
L2	101	126	126	126	126	132	132	132

Note: "RX.." means RX, RXF.

Dimensional Drawings

RX127

RX..S127

Customers provide the motor by themselves need connected flange.

RXF127

RX..S157

Customers provide the motor by themselves need connected flange.

Note: For other values please refer to relevant structure.

Motor size	132M	160M	160L	180M	180L	200	225S	225M	250	280S	280M
Power/(kW)	7.5	11	15	18.5	22	30	37	45	55	75	90
L3	424	567	602	583	616	654	674	696	775	845	845
G	275	330	330	380	380	420	470	470	510	580	580
L2	132	132	132	132	132	132	143	143	120	120	120

RX157

RX..S157

Customers provide the motor by themselves need connected flange.

RXF157

RX..S157

Customers provide the motor by themselves need connected flange.

Note: For other values please refer to relevant structure.

Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	315S	315M
Power/(kW)	11	15	18.5	22	30	37	45	55	75	90	110	132
L3	567	602	635	666	642	669	691	770	828	879	1100	1130
G	330	330	380	380	420	470	470	510	580	580	645	645
L2	143	143	143	143	143	143	143	143	143	143	145	145

Note: "RX.." means RX, RXF.

Dimensional Drawings

R17

RF17

Φ140

Customers provide the motor by themselves need connected flange.

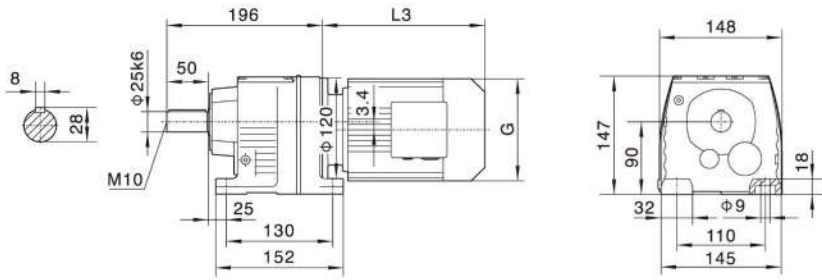
Note: For other values please refer to relevant structure.

Motor size	63	71	80
Power/(kW)	0.18	0.25 0.37	0.55 0.75
L3	235	245	278
G	130	145	175
L2	71	71	71

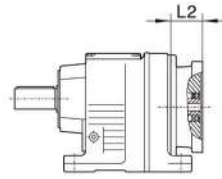
Note: "R.." means R, RF.

Dimensional Drawings

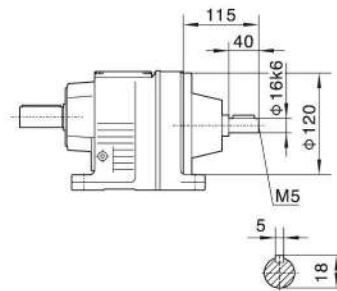
R27



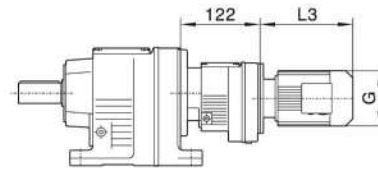
Customers provide the motor by themselves need connected flange.



R..S27



R..27R17



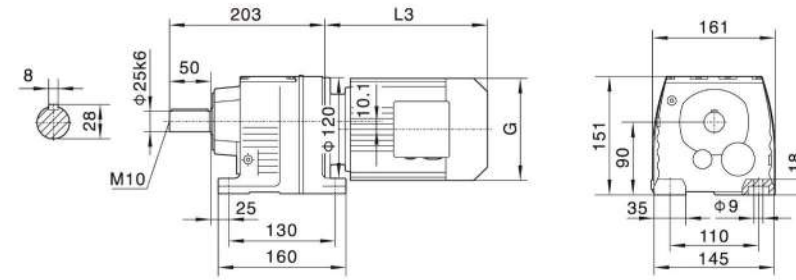
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100		
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0		
L3	235	245	278	304	328	340		
G	130	145	175	195	195	215		
L2	71	71	71	71	71	93		

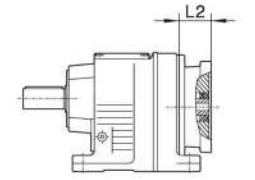
Note: "R.." means R, RF.

Dimensional Drawings

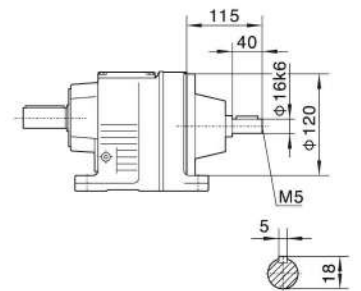
R37



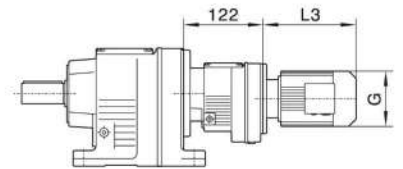
Customers provide the motor by themselves need connected flange.



R..S37



R..37R17



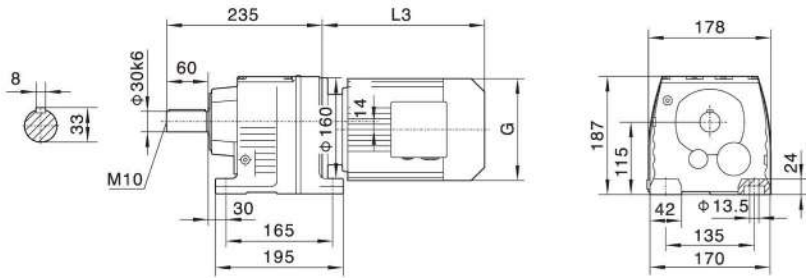
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100L		
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0		
L3	235	245	278	304	328	340		
G	130	145	175	195	195	215		
L2	71	71	71	71	71	93		

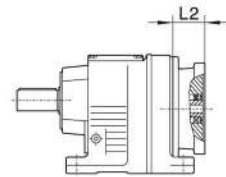
Note: "R.." means R, RF.

Dimensional Drawings

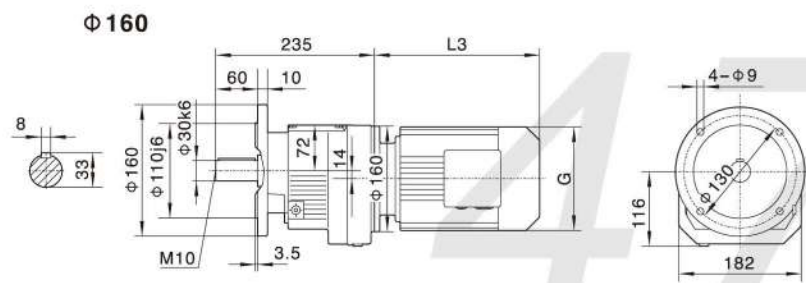
R47



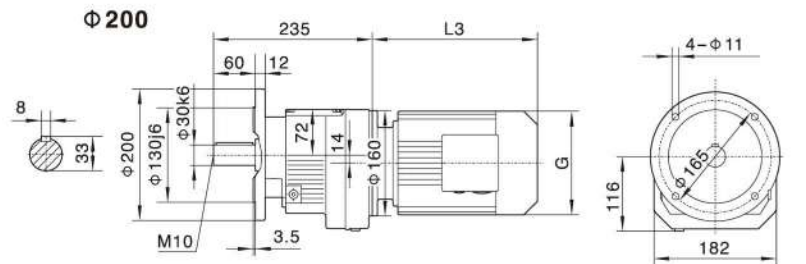
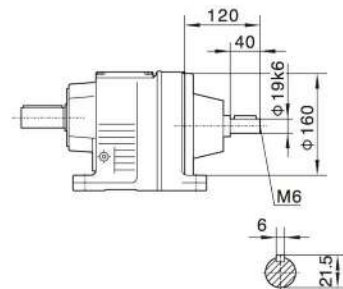
Customers provide the motor by themselves need connected flange.



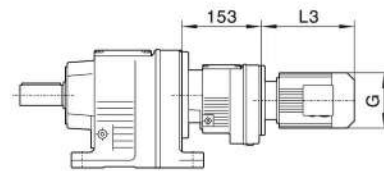
RF47



R..S47



R..47R37



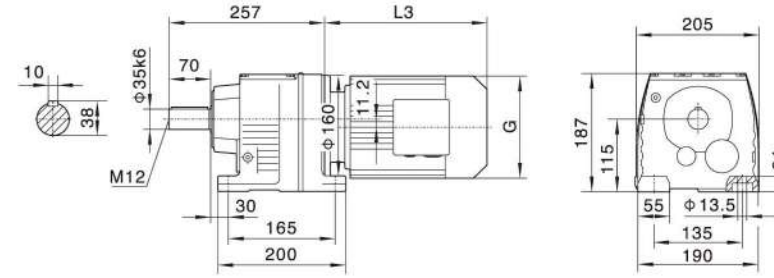
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100	112M	132S	
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	
L3	223	245	278	304	328	350	380	425	
G	130	145	175	195	195	215	240	275	
L2	81	81	81	81	81	93	93	101	

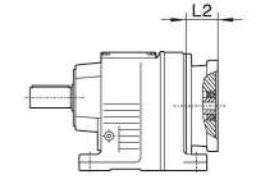
Note: "R.." means R, RF.

Dimensional Drawings

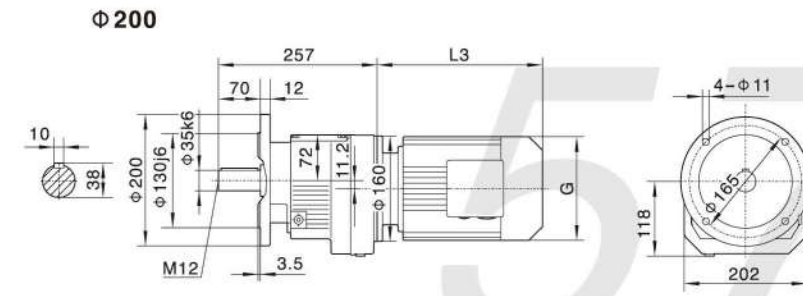
R57



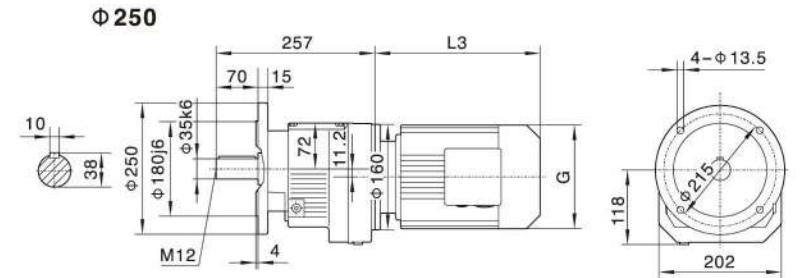
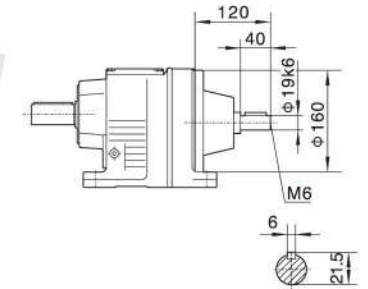
Customers provide the motor by themselves need connected flange.



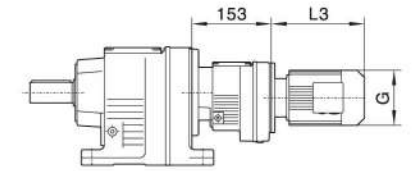
RF57



R..S57



R..57R37



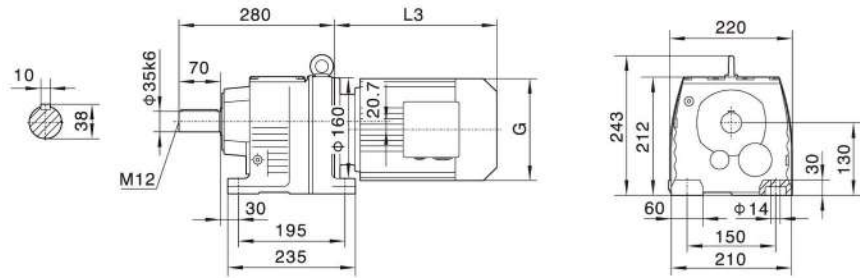
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100L	112M	132S	132M	
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	
L3	223	245	278	304	328	350	380	425	461	
G	130	145	175	195	195	215	240	275	275	
L2	81	81	81	81	81	93	93	101	101	

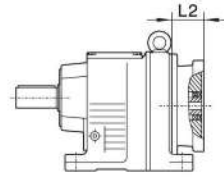
Note: "R.." means R, RF.

Dimensional Drawings

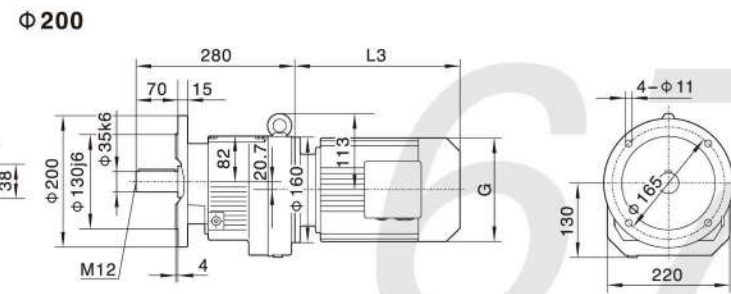
R67



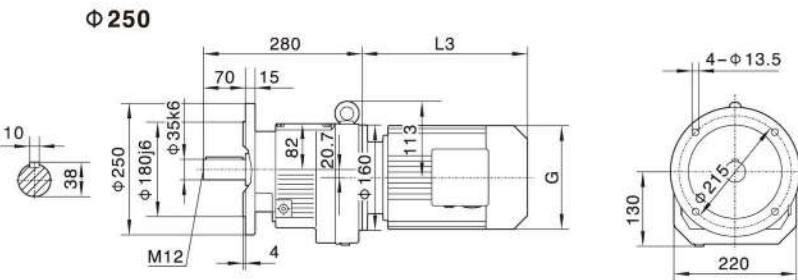
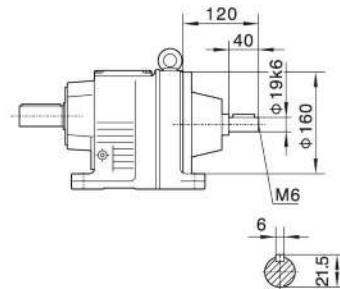
Customers provide the motor by themselves need connected flange.



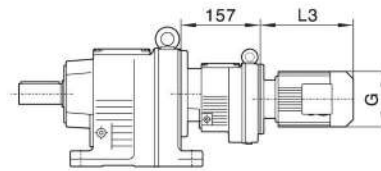
RF67



R..S67



R..67R37



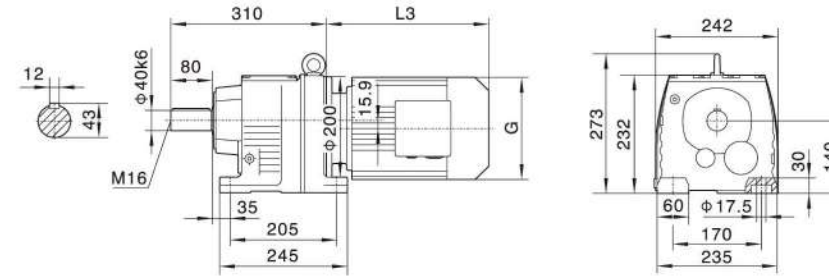
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100L	112M	132S	132M	
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	
L3	223	245	278	304	328	350	380	425	461	
G	130	145	175	195	195	215	240	275	275	
L2	81	81	81	81	81	93	93	101	101	

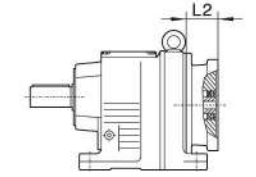
Note: "R.." means R, RF.

Dimensional Drawings

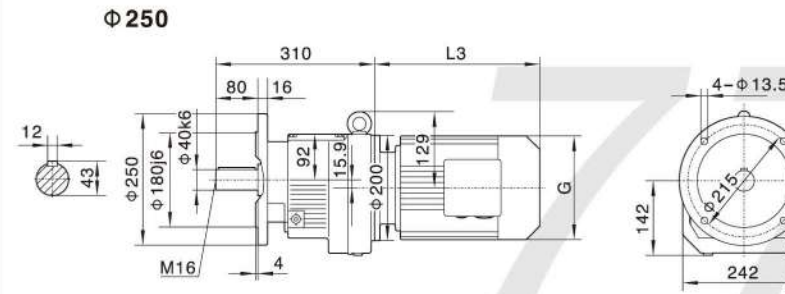
R77



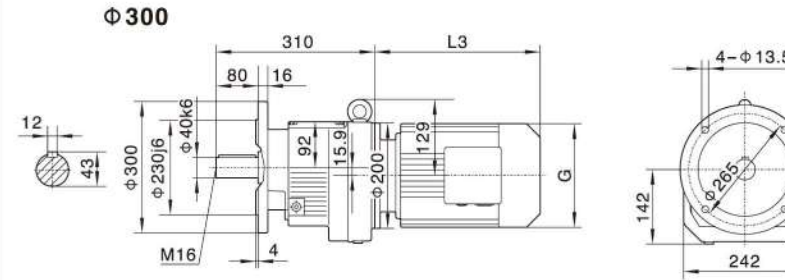
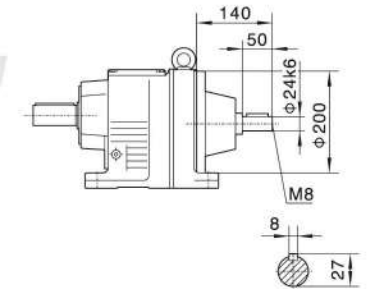
Customers provide the motor by themselves need connected flange.



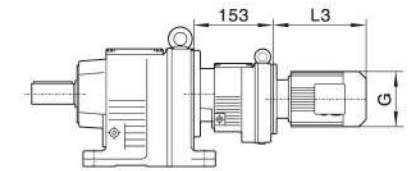
RF77



R..S77



R..77R37



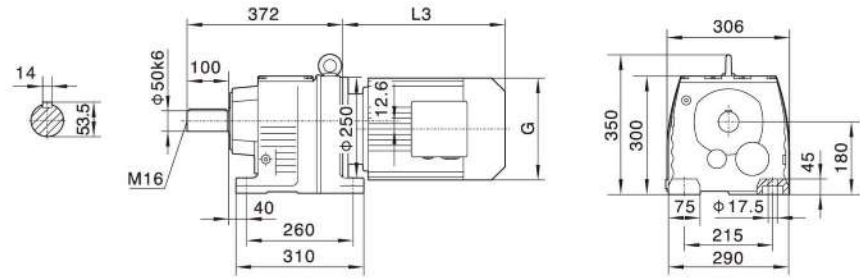
Note: For other values please refer to relevant structure.

Motor size	63	71	80	90S	90L	100L	112M	132S	132M	160M
Power/(kW)	0.18	0.25 0.37	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11
L3	223	233	278	304	328	350	380	425	461	524
G	130	145	175	195	195	215	240	275	275	330
L2	81	81	81	81	81	93	93	101	101	126

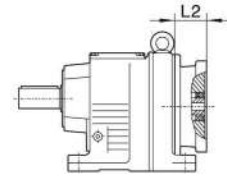
Note: "R.." means R, RF.

Dimensional Drawings

R87

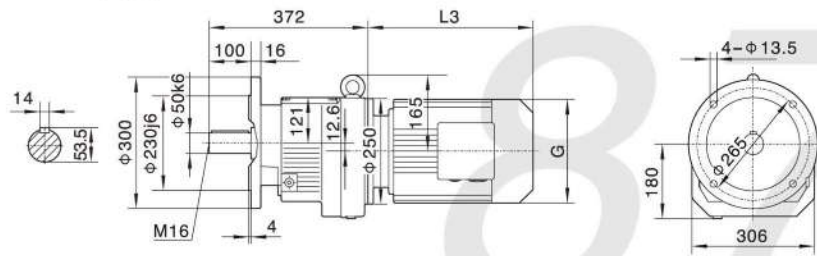


Customers provide the motor by themselves need connected flange.

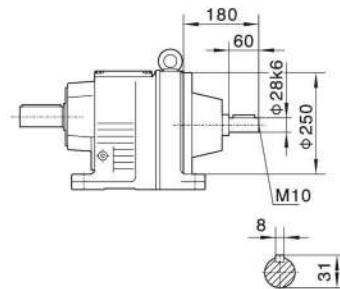


RF87

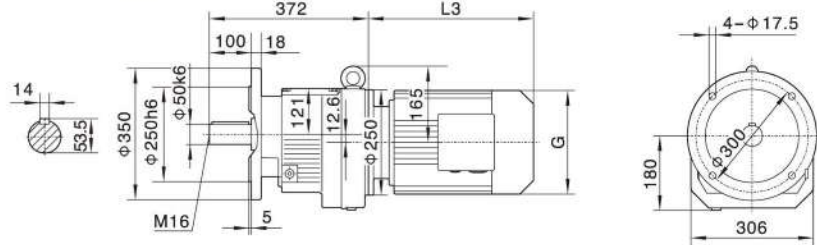
Φ 300



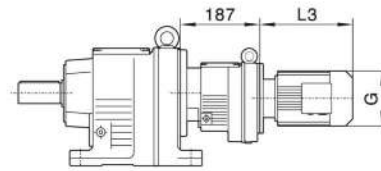
R..S87



Φ 350



R..87R57



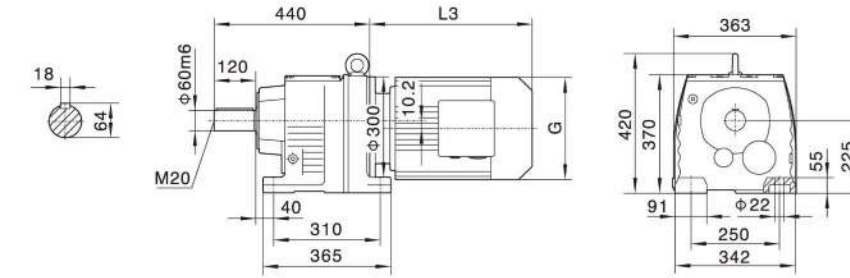
Note: For other values please refer to relevant structure.

Motor size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L
Power/(kW)	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11	15	18.5	22
L3	246	280	304	350	380	425	461	524	547	583	616
G	175	195	195	215	240	275	275	330	330	380	380
L2	86	86	86	71	71	101	101	126	126	126	126

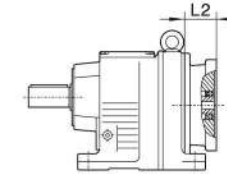
Note: "R.." means R, RF.

Dimensional Drawings

R97

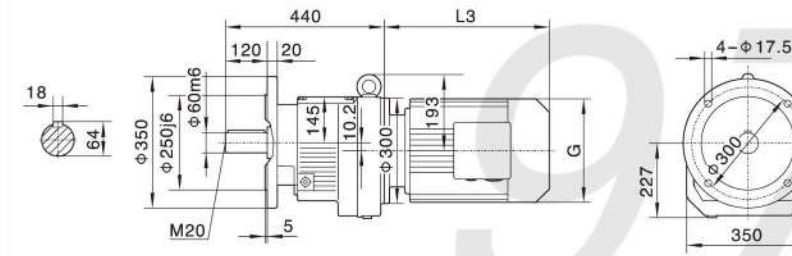


Customers provide the motor by themselves need connected flange.

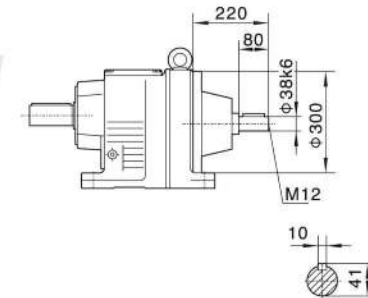


RF97

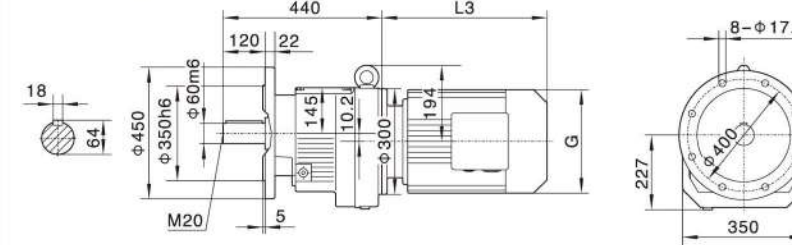
Φ 350



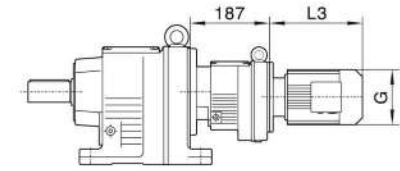
R..S97



Φ 450



R..97R57



Note: For other values please refer to relevant structure.

Motor size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200
Power/(kW)	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11	15	18.5	22	30
L3	246	280	304	315	334	425	461	524	547	555	588	654
G	175	195	195	215	240	275	275	330	330	380	380	420
L2	86	86	86	101	101	101	101	126	126	126	126	132

Note: "R.." means R, RF.

Dimensional Drawings

Dimensional Drawings

R107

Customers provide the motor by themselves need connected flange.

R..S107

R..107R77

Note: For other values please refer to relevant structure.

Motor size	100	112M	132S	132M	160M	160L	180M	180L	200	225S	225M	
Power/(kW)	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45
L3	318	334	386	422	504	519	555	588	654	680	702	
G	215	240	275	275	330	330	380	380	420	470	470	
L2	101	101	101	101	126	126	126	126	132	132	132	

Note: "R.." means R, RF.

R137

Customers provide the motor by themselves need connected flange.

R..S137

R..137R77

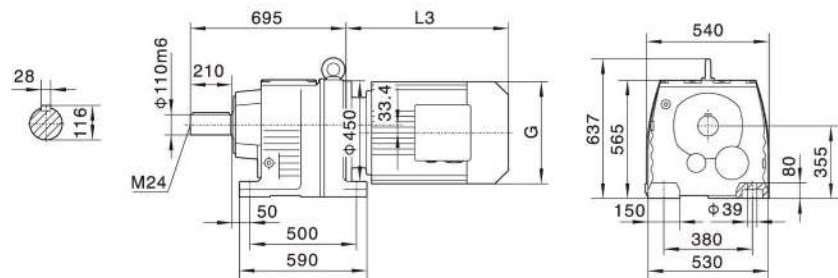
Note: For other values please refer to relevant structure.

Motor size	132S	132M	160M	160L	180M	180L	200	225S	225M	250	
Power/(kW)	5.5	7.5	11	15	18.5	22	30	37	45	55	
L3	388	424	476	519	555	588	654	680	702	771	
G	275	275	330	330	380	380	420	470	470	510	
L2	126	126	132	132	132	132	132	143	143	174	

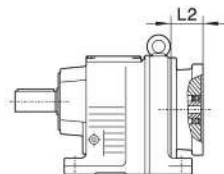
Note: "R.." means R, RF.

Dimensional Drawings

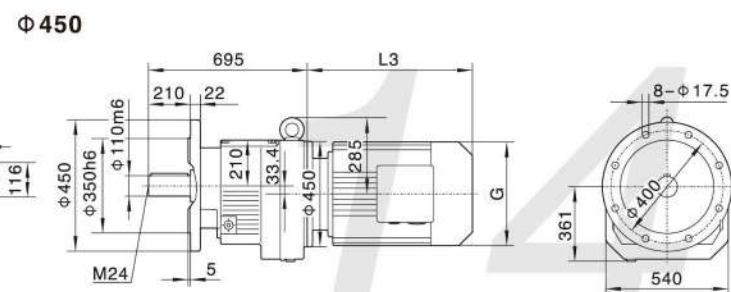
R147



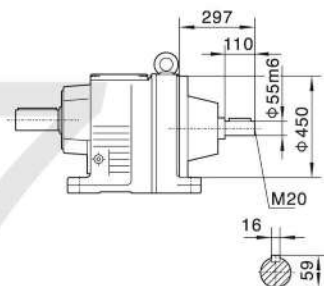
Customers provide the motor by themselves need connected flange.



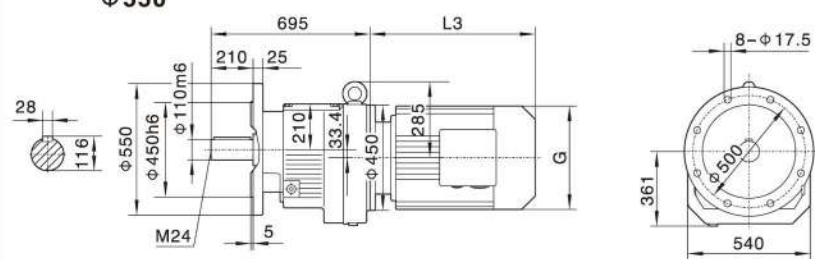
RF147



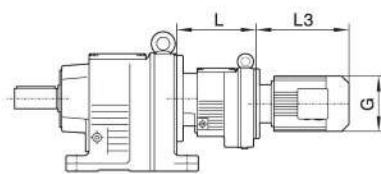
R..S147



Phi 550



R..147R87(R77)



	R..147R77	R..147R87
L	230	275

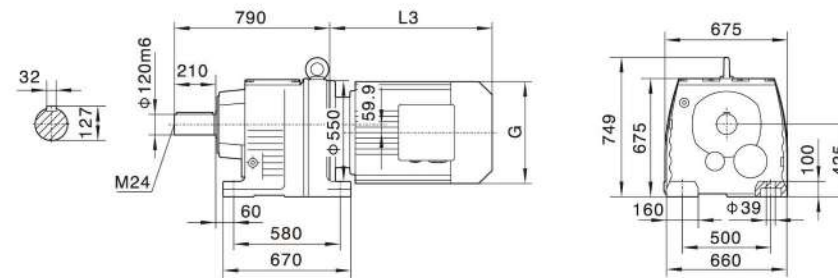
Note: For other values please refer to relevant structure.

Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M
Power/(kW)	11	15	18.5	22	30	37	45	55	75	90
L3	567	602	583	616	654	674	696	775	845	845
G	330	330	380	380	420	470	470	510	580	580
L2	132	132	132	132	132	143	143	174	174	174

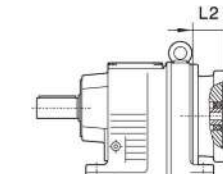
Note: "R.." means R, RF.

Dimensional Drawings

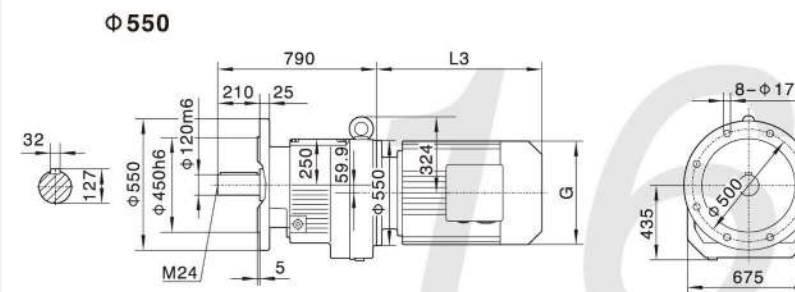
R167



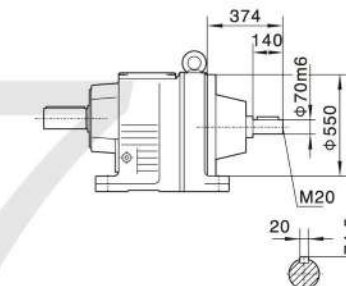
Customers provide the motor by themselves need connected flange.



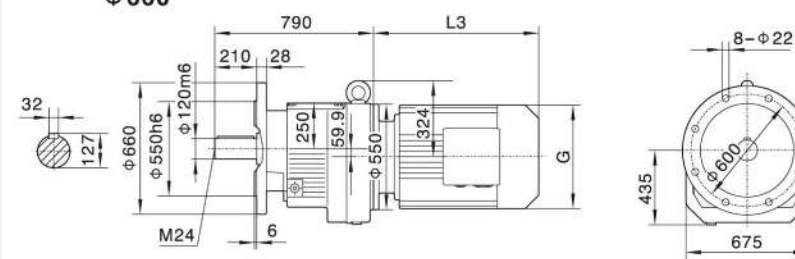
RF167



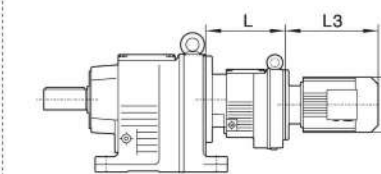
R..S167



Phi 660



R..167R97(R107)

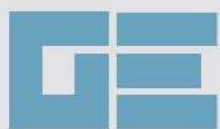


	R..167R97	R..167R107
L	320	370

Note: For other values please refer to relevant structure.

Motor size	160M	160L	180M	180L	200	225S	225M	250	280S	280M	315S	315M	315L
Power/(kW)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	567	602	635	666	642	669	691	770	828	879	1100	1130	1360
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	143	143	143	143	143	143	143	113	113	113	113	145	145

Note: "R.." means R, RF.



Gedaeffect

The Engineering Company

Россия

Вологодская область

г. Череповец

Советский проспект, 115

info@gedaeffect.ru

+7 (921) 252-08-30



GEDAEFFECT.RU