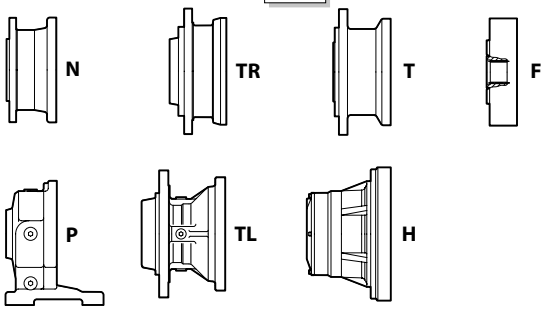
5.0 Order code

RA	21	3	P	S	78.7	

OUTPUT VERSION

G-2



OUTPUT SHAFT

G-2

S = Male spline
F = Female spline
C = Cylindrical shaft
K = Extended cylindrical shaft
E = Hexagonal shaft
Q = Hollow female shaft
FS = Female spline
FC = Female cylindrical shaft
U = Female cylindrical shaft

NUMBER OF STAGES

F-2

1 - 2 - 3 - 4 - 5 - 6

GEARBOX FRAME SIZE

F-1

RE - RA	RE - RA	GB - GBA	GB - GBA
110	**1520**	**12010**	**61000**
210	**2000**	**16000**	**85000**
240	**2520**	**21000**	**110000**
310	**3000**	**26000**	**130000**
510	**3510**	**31000**	GB
610	**4800**	**40000**	**150000**
810	**6000**	**45000**	**205000**
1020	**8000**	**53000**	**235000**

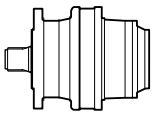
REDUCTION RATIO

F-2

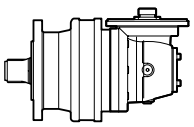
Please write the exact ratio as shown on the selection table

EXECUTION

F-1



RE - GB = Linear



RA - GBA = Angular

COMPOSITION

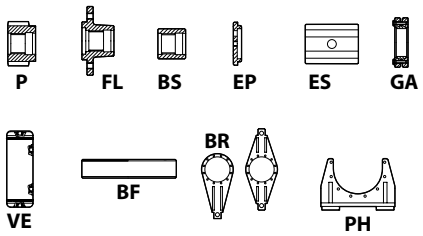
F-2

/ = Standard
L = Light
R = Reinforced
S = Special

ST	BB	B3	0	BS

OUTPUT ACCESSOIRES

H-36



P = Pinion
FL = Flange
BS = Splined bushing
EP = End plate
ES = Hexagonal bushing
GA = Shrink disc
VE = Expansion tank
BF = Splined bar
BR = Torque arm
PH = Foot support

RIGHT ANGLE POSITIONING

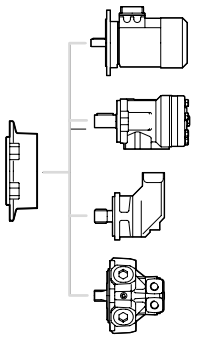
H-46

MOUNTING POSITION

H-46

MOTOR ADAPTER CONFIGURATION

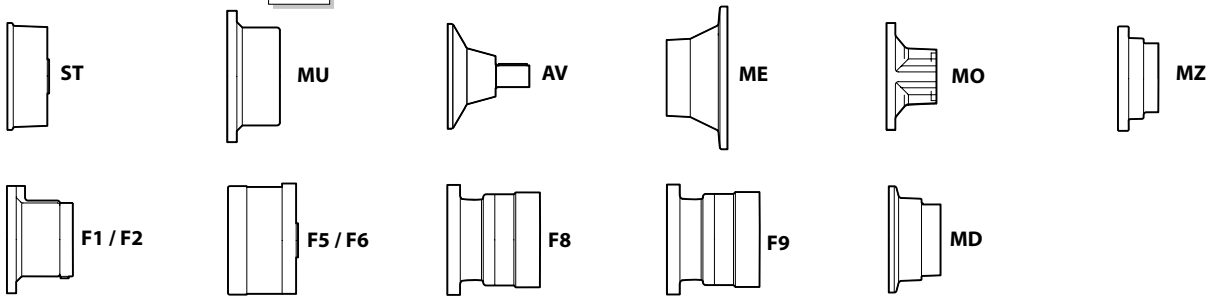
H-27



Electric motor
Orbit motor
Axial piston motor
Radial piston motor

DIRECT INPUTS

H-2



The example shows the ordering code for a right angle planetery gearbox frame 210, with 3 reduction stages a foot mounted output support and a male splined shaft, and 78.7 reduction ratio, with a "ST" input and "SAE B", 16/32 15 teeth motor adapter flange. Horizontal mounting position and standard right angle positioning, and a splined bushing output accessory.

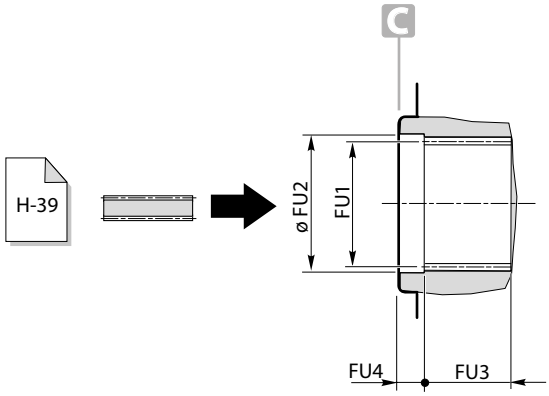
		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**T_{2max}** [Nm]	**P_t** [kW]
RE 241	**3.82**	196	***32.8***	1550	236	***37.2***	1470	380	***51.98***	1270	760	***84***	1040	4010	13 (T) 9 (F)
	4.44	169	***29.0***	1600	203	***32.9***	1520	326	***46.01***	1310	653	***75***	1070	4010	
	5.43	138	***19.7***	1330	166	***23.4***	1310	267	***36.67***	1280	534	***64***	1110	3710	
RE 242	**13.29**	56	***12.5***	2000	68	***14.8***	1980	109	***22.27***	1850	218	***36.2***	1500	4010	8 (T) 5 (F)
	15.47	48.5	***9.4***	1760	58	***11.2***	1740	94	***17.48***	1690	188	***32.0***	1550	4010	
	16.28	46.1	***10.3***	2030	55	***12.2***	2010	89	***19.15***	1950	178	***31.4***	1600	4010	
	18.95	39.6	***7.8***	1780	47.5	***9.2***	1760	77	***14.44***	1710	153	***27.8***	1650	4010	
	22.03	34.0	***6.8***	1820	40.9	***8.1***	1800	66	***12.73***	1760	132	***24.5***	1690	4010	
	25.64	29.3	***5.8***	1810	35.1	***6.9***	1790	57	***10.85***	1740	113	***20.9***	1670	4010	
	27.49	27.3	***3.9***	1310	32.7	***4.7***	1290	53	***7.32***	1260	105	***14.1***	1210	3610	
	31.32	23.9	***3.9***	1470	28.7	***4.6***	1450	46.3	***7.20***	1410	93	***13.9***	1360	3710	
	39.09	19.2	***3.1***	1490	23.0	***3.7***	1470	37.1	***5.85***	1430	74	***11.2***	1380	3710	
RE 243	**46.24**	16.2	***3.9***	2150	19.5	***4.7***	2130	31.4	***7.34***	2070	63	***14.1***	1990	4010	6 (T) 4 (F)
	53.82	13.9	***3.0***	1890	16.7	***3.5***	1870	26.9	***5.53***	1820	54	***10.6***	1750	4010	
	56.65	13.2	***3.3***	2180	15.9	***3.9***	2150	25.6	***6.06***	2100	51	***11.7***	2010	4010	
	65.94	11.4	***2.5***	1910	13.6	***2.9***	1890	22.0	***4.57***	1840	44.0	***8.8***	1770	4010	
	69.39	10.8	***2.7***	2200	13.0	***3.2***	2180	20.9	***5.01***	2120	41.8	***9.6***	2040	4010	
	76.66	9.8	***2.4***	2210	11.7	***2.9***	2190	18.9	***4.56***	2130	37.8	***8.8***	2050	4010	
	93.91	8.0	***2.0***	2240	9.6	***2.4***	2220	15.4	***3.76***	2160	30.9	***7.2***	2070	4010	
	95.67	7.8	***2.0***	2240	9.4	***2.4***	2220	15.2	***3.70***	2160	30.3	***7.1***	2080	4010	
	111.36	6.7	***1.5***	1970	8.1	***1.8***	1950	13.0	***2.79***	1900	26.0	***5.4***	1820	4010	
	117.20	6.4	***1.7***	2300	7.7	***1.9***	2250	12.4	***3.05***	2180	24.7	***5.9***	2100	4010	
	147.93	5.1	***1.2***	2030	6.1	***1.4***	1980	9.8	***2.13***	1930	19.6	***4.1***	1850	4010	
	158.60	4.7	***1.1***	2040	5.7	***1.3***	2020	9.1	***2.03***	1960	18.3	***3.9***	1890	4010	
	184.62	4.1	***0.97***	2100	4.9	***1.1***	2050	7.9	***1.73***	1950	15.7	***3.3***	1870	4010	
	197.93	3.8	***0.63***	1460	4.5	***0.74***	1450	7.3	***1.17***	1410	14.7	***2.2***	1360	4010	
	230.40	3.3	***0.63***	1700	3.9	***0.74***	1690	6.3	***1.17***	1640	12.6	***2.2***	1580	4010	
	281.42	2.7	***0.53***	1750	3.2	***0.62***	1710	5.2	***0.93***	1600	10.3	***1.8***	1540	4010	
RE 244	**241.49**	3.1	***0.92***	2570	3.7	***1.08***	2500	6.0	***1.62***	2320	12.0	***3.0***	2190	4010	5 (T) 4 (F)
	295.84	2.5	***0.78***	2650	3.0	***0.91***	2570	4.9	***1.36***	2390	9.8	***2.5***	2210	4010	
	326.80	2.3	***0.71***	2690	2.8	***0.83***	2610	4.4	***1.25***	2430	8.9	***2.3***	2230	4010	
	344.36	2.2	***0.58***	2310	2.6	***0.68***	2250	4.2	***1.02***	2090	8.4	***1.9***	1940	4010	
	400.35	1.9	***0.60***	2770	2.2	***0.70***	2690	3.6	***1.05***	2510	7.2	***1.9***	2260	4010	
	442.25	1.7	***0.55***	2810	2.0	***0.64***	2730	3.3	***0.97***	2540	6.6	***1.7***	2290	4010	
	499.63	1.5	***0.50***	2860	1.8	***0.58***	2790	2.9	***0.87***	2590	5.8	***1.6***	2330	4010	
	551.93	1.4	***0.46***	2910	1.6	***0.53***	2830	2.6	***0.80***	2630	5.3	***1.4***	2370	4010	
	676.14	1.1	***0.39***	3000	1.3	***0.45***	2920	2.1	***0.67***	2710	4.3	***1.2***	2440	4010	
	733.18	1.0	***0.27***	2310	1.2	***0.32***	2250	2.0	***0.49***	2140	4.0	***0.94***	2060	4010	
	843.83	0.89	***0.32***	3100	1.1	***0.37***	3020	1.7	***0.56***	2810	3.4	***1.0***	2530	4010	
	915.01	0.82	***0.23***	2390	0.98	***0.27***	2330	1.6	***0.40***	2170	3.2	***0.77***	2090	4010	
	1065.09	0.70	***0.22***	2740	0.85	***0.26***	2670	1.4	***0.39***	2480	2.7	***0.70***	2230	4010	
	1141.93	0.66	***0.19***	2470	0.79	***0.22***	2410	1.3	***0.33***	2240	2.5	***0.62***	2110	4010	
	1300.93	0.58	***0.15***	2210	0.69	***0.17***	2150	1.1	***0.26***	2000	2.2	***0.47***	1800	4010	
	1329.23	0.56	***0.19***	2830	0.68	***0.22***	2760	1.1	***0.32***	2570	2.2	***0.58***	2310	4010	
	1658.88	0.45	***0.11***	2060	0.54	***0.13***	2000	0.87	***0.19***	1860	1.7	***0.36***	1770	4010	

		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	T_{2max} [Nm]	P_t [kW]
RE 311	**3.60**	208	***43.9***	1960	250	***49.9***	1860	403	***70***	1610	806	***113***	1310	4320	18 (N) 22 (T) 13 (F) 36 (P)
	4.25	176	***38.5***	2030	212	***43.8***	1920	341	***61***	1670	682	***99***	1350	5630	
	5.33	141	***25.3***	1680	169	***30.1***	1660	272	***47.1***	1610	544	***82***	1410	4610	
	6.20	121	***18.4***	1410	145	***21.8***	1400	234	***34.2***	1360	468	***66***	1310	3900	
	7.50	100	***11.9***	1110	120	***14.2***	1100	193	***22.2***	1070	387	***42.7***	1030	3070	
RE 312	**12.53**	60	***14.9***	2260	72	***17.3***	2180	116	***24.1***	1890	231	***39.2***	1540	4320	10 (N) 12 (T) 8 (F) 21 (P)
	14.79	51	***12.3***	2200	61	***14.6***	2180	98	***22.9***	2120	196	***39.2***	1810	5630	
	15.35	48.9	***12.3***	2280	59	***14.6***	2260	94	***20.6***	1980	189	***33.5***	1610	4320	
	18.12	41.4	***10.2***	2230	49.7	***12.1***	2210	80	***18.9***	2150	160	***33.5***	1900	5630	
	20.77	36.1	***6.8***	1720	43.3	***8.1***	1700	70	***12.7***	1650	140	***24.5***	1590	4320	
	22.74	33.0	***6.6***	1820	39.6	***7.9***	1800	64	***12.3***	1750	128	***23.7***	1690	4610	
	24.52	30.6	***6.8***	2030	36.7	***8.1***	2010	59	***12.7***	1950	118	***24.5***	1880	5960	
	26.43	28.4	***4.8***	1540	34.1	***5.7***	1520	55	***8.9***	1480	110	***17.2***	1420	3900	
	30.77	24.4	***5.0***	1850	29.3	***5.9***	1830	47.1	***9.3***	1780	94	***17.8***	1720	4610	
	35.77	21.0	***3.6***	1560	25.2	***4.3***	1550	40.5	***6.7***	1510	81	***12.9***	1450	3900	
	38.40	19.5	***3.9***	1830	23.4	***4.7***	1810	37.8	***7.3***	1760	76	***14.1***	1690	4610	
	44.64	16.8	***2.9***	1580	20.2	***3.5***	1570	32.5	***5.5***	1520	65	***10.5***	1470	3900	
	54.00	13.9	***1.9***	1240	16.7	***2.3***	1230	26.9	***3.5***	1200	54	***6.8***	1150	3070	
RE 313	**43.60**	17.2	***4.7***	2420	20.6	***5.6***	2400	33.3	***8.8***	2330	67	***16.8***	2230	4320	8 (N) 9 (T) 6 (F) 15 (P)
	51.47	14.6	***3.9***	2370	17.5	***4.6***	2340	28.2	***7.3***	2280	56	***13.9***	2190	5630	
	53.41	14.0	***3.9***	2450	16.9	***4.6***	2430	27.1	***7.2***	2360	54	***13.9***	2270	4320	
	63.05	11.9	***3.2***	2390	14.3	***3.8***	2370	23.0	***6.0***	2310	46.0	***11.5***	2220	5630	
	72.28	10.4	***2.9***	2500	12.5	***3.5***	2470	20.1	***5.4***	2400	40.1	***10.5***	2310	4320	
	77.24	9.7	***2.7***	2420	11.7	***3.2***	2400	18.8	***4.9***	2330	37.5	***9.5***	2240	5630	
	85.33	8.8	***2.4***	2440	10.5	***2.9***	2410	17.0	***4.5***	2350	34.0	***8.7***	2250	5630	
	104.53	7.2	***2.0***	2510	8.6	***2.4***	2440	13.9	***3.7***	2370	27.7	***7.2***	2280	5630	
	106.49	7.0	***2.0***	2510	8.5	***2.3***	2440	13.6	***3.7***	2380	27.2	***7.0***	2280	5630	
	130.45	5.7	***1.7***	2590	6.9	***2.0***	2520	11.1	***3.0***	2400	22.2	***5.8***	2310	5630	
	141.46	5.3	***1.3***	2240	6.4	***1.6***	2220	10.3	***2.5***	2160	20.5	***4.8***	2080	5960	
	163.71	4.6	***1.1***	2100	5.5	***1.3***	2050	8.9	***2.0***	1960	17.7	***3.8***	1890	4610	
	176.54	4.2	***1.1***	2270	5.1	***1.3***	2250	8.2	***2.0***	2190	16.4	***3.9***	2100	5960	
	190.31	3.9	***0.79***	1770	4.7	***0.92***	1720	7.6	***1.4***	1660	15.2	***2.7***	1590	3900	
	221.54	3.4	***0.84***	2200	4.1	***0.98***	2140	6.5	***1.5***	2000	13.1	***2.8***	1920	4610	
	257.54	2.9	***0.61***	1850	3.5	***0.71***	1800	5.6	***1.1***	1680	11.3	***2.1***	1620	3900	
	276.48	2.7	***0.63***	2040	3.3	***0.74***	2020	5.2	***1.2***	1970	10.5	***2.2***	1890	4610	
	321.41	2.3	***0.50***	1920	2.8	***0.59***	1860	4.5	***0.88***	1730	9.0	***1.7***	1640	3900	
RE 314	**219.42**	3.4	***1.1***	2800	4.1	***1.30***	2730	6.6	***1.9***	2540	13.2	***3.6***	2380	5630	6 (N) 7 (T) 5 (F) 12 (P)
	268.80	2.8	***0.93***	2890	3.3	***1.09***	2810	5.4	***1.6***	2620	10.8	***3.0***	2410	5630	
	296.94	2.5	***0.86***	2930	3.0	***1.00***	2850	4.9	***1.5***	2660	9.8	***2.7***	2420	5630	
	329.29	2.3	***0.79***	2980	2.7	***0.92***	2900	4.4	***1.4***	2700	8.8	***2.5***	2440	5630	
	363.76	2.1	***0.72***	3030	2.5	***0.84***	2940	4.0	***1.3***	2740	8.0	***2.3***	2470	5630	
	416.98	1.8	***0.61***	2930	2.2	***0.71***	2850	3.5	***1.1***	2680	7.0	***2.1***	2580	4320	
	453.98	1.7	***0.60***	3130	2.0	***0.70***	3040	3.2	***1.0***	2830	6.4	***1.9***	2550	5630	
	492.27	1.5	***0.56***	3170	1.8	***0.65***	3080	2.9	***0.98***	2870	5.9	***1.8***	2580	5630	
	556.14	1.3	***0.50***	3230	1.6	***0.59***	3140	2.6	***0.88***	2920	5.2	***1.6***	2630	5630	
	614.35	1.2	***0.46***	3280	1.5	***0.54***	3190	2.4	***0.81***	2960	4.7	***1.5***	2670	5630	
	766.71	0.98	***0.38***	3390	1.2	***0.45***	3290	1.9	***0.67***	3070	3.8	***1.2***	2760	5630	
	795.61	0.94	***0.35***	3190	1.1	***0.41***	3100	1.8	***0.61***	2880	3.6	***1.1***	2700	4320	
	939.26	0.80	***0.32***	3490	0.96	***0.38***	3400	1.5	***0.57***	3160	3.1	***1.0***	2850	5630	
	1018.49	0.74	***0.23***	2660	0.88	***0.27***	2590	1.4	***0.40***	2420	2.8	***0.77***	2320	5960	
	1178.68	0.64	***0.21***	2840	0.76	***0.24***	2760	1.2	***0.37***	2570	2.5	***0.66***	2310	4610	
	1271.08	0.59	***0.19***	2750	0.71	***0.22***	2680	1.1	***0.33***	2490	2.3	***0.62***	2350	5960	
	1595.08	0.47	***0.16***	2970	0.56	***0.19***	2890	0.91	***0.28***	2690	1.8	***0.51***	2420	4610	
	1990.66	0.38	***0.11***	2470	0.45	***0.13***	2400	0.73	***0.19***	2230	1.5	***0.36***	2120	4610	

		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**n_2** [RPM]	**P_1** [kW]	**T_2** [Nm]	**T_{2max}** [Nm]	**P_t** [kW]
RE 511	**3.60**	208	***76***	3400	250	***86***	3220	403	***121***	2790	806	***196***	2260	11600	19 (N) 24 (T) 14 (F) 37 (P)
	4.25	176	***67***	3520	212	***76***	3330	341	***106***	2890	682	***172***	2340	11600	
	5.33	141	***52***	3450	169	***62***	3420	272	***88***	3010	544	***143***	2440	9500	
	6.20	121	***37.9***	2920	145	***45.1***	2890	234	***71***	2810	468	***127***	2530	8050	
	7.50	100	***24.6***	2290	120	***29.2***	2260	193	***45.8***	2200	387	***88***	2120	6320	
RE 512	**12.53**	60	***27.2***	4120	72	***30.9***	3900	116	***43.1***	3380	231	***70***	2750	11600	11 (N) 13 (T) 8 (F) 21 (P)
	14.79	51	***25.4***	4540	61	***30.1***	4500	98	***43.1***	3990	196	***70***	3240	11600	
	15.35	48.9	***23.2***	4320	59	***26.4***	4090	94	***36.9***	3540	189	***60***	2880	11600	
	18.12	41.4	***21.0***	4600	49.7	***24.9***	4550	80	***36.9***	4180	160	***60***	3400	11600	
	20.77	36.1	***13.8***	3470	43.3	***16.4***	3430	70	***25.7***	3340	140	***46.9***	3050	9540	
	22.74	33.0	***13.6***	3750	39.6	***16.2***	3710	64	***25.4***	3610	128	***48.8***	3470	9500	
	24.52	30.6	***13.8***	4090	36.7	***16.4***	4050	59	***25.7***	3940	118	***46.9***	3600	11300	
	26.43	28.4	***9.9***	3170	34.1	***11.8***	3140	55	***18.5***	3060	110	***35.5***	2940	8050	
	30.77	24.4	***10.2***	3820	29.3	***12.2***	3780	47.1	***19.1***	3680	94	***36.7***	3530	9500	
	35.77	21.0	***7.5***	3230	25.2	***8.9***	3190	40.5	***13.9***	3110	81	***26.7***	2990	8050	
	38.40	19.5	***8.0***	3700	23.4	***9.4***	3660	37.8	***14.8***	3560	76	***28.5***	3420	9500	
	44.64	16.8	***6.0***	3270	20.2	***7.2***	3230	32.5	***11.3***	3150	65	***21.7***	3030	8050	
	54.00	13.9	***3.9***	2560	16.7	***4.7***	2530	26.9	***7.3***	2470	54	***14.0***	2370	6320	
RE 513	**43.60**	17.2	***9.5***	4870	20.6	***11.2***	4820	33.3	***17.6***	4690	67	***30.0***	3990	11600	8 (N) 10 (T) 6 (F) 15 (P)
	51.47	14.6	***8.0***	4880	17.5	***9.5***	4830	28.2	***15.0***	4700	56	***28.7***	4520	11600	
	53.41	14.0	***7.8***	4920	16.9	***9.3***	4870	27.1	***14.5***	4740	54	***25.7***	4180	11600	
	63.05	11.9	***6.6***	4940	14.3	***7.9***	4880	23.0	***12.3***	4750	46.0	***23.7***	4570	11600	
	72.28	10.4	***5.9***	5020	12.5	***7.0***	4960	20.1	***10.9***	4820	40.1	***21.0***	4640	11600	
	77.24	9.7	***5.5***	4990	11.7	***6.5***	4940	18.8	***10.2***	4810	37.5	***19.6***	4620	11600	
	85.33	8.8	***5.0***	5020	10.5	***5.9***	4970	17.0	***9.3***	4840	34.0	***17.8***	4650	11600	
	104.53	7.2	***4.2***	5160	8.6	***4.9***	5030	13.9	***7.7***	4890	27.7	***14.7***	4700	11600	
	110.50	6.8	***4.0***	5220	8.1	***4.8***	5170	13.1	***7.3***	4940	26.2	***14.1***	4750	11600	
	130.45	5.7	***3.5***	5340	6.9	***4.0***	5200	11.1	***6.2***	4960	22.2	***12.0***	4760	11600	
	141.46	5.3	***2.7***	4520	6.4	***3.2***	4480	10.3	***5.0***	4360	20.5	***9.7***	4190	11300	
	163.71	4.6	***2.2***	4330	5.5	***2.6***	4220	8.9	***4.0***	4040	17.7	***7.8***	3890	9500	
	176.54	4.2	***2.2***	4580	5.1	***2.6***	4530	8.2	***4.1***	4410	16.4	***7.9***	4240	11300	
	190.31	3.9	***1.6***	3650	4.7	***1.9***	3550	7.6	***2.9***	3420	15.2	***5.7***	3290	8050	
	221.54	3.4	***1.7***	4540	4.1	***2.0***	4410	6.5	***3.0***	4120	13.1	***5.8***	3960	9500	
	257.54	2.9	***1.3***	3830	3.5	***1.5***	3720	5.6	***2.2***	3480	11.3	***4.3***	3340	8050	
	276.48	2.7	***1.3***	4140	3.3	***1.5***	4100	5.2	***2.4***	3990	10.5	***4.5***	3830	9500	
	321.41	2.3	***1.0***	3960	2.8	***1.2***	3850	4.5	***1.8***	3580	9.0	***3.5***	3390	8050	
RE 514	**219.42**	3.4	***2.3***	5780	4.1	***2.7***	5620	6.6	***4.0***	5230	13.2	***7.5***	4910	11600	7 (N) 8 (T) 5 (F) 12 (P)
	268.80	2.8	***1.9***	5960	3.3	***2.2***	5800	5.4	***3.4***	5390	10.8	***6.2***	4960	11600	
	296.94	2.5	***1.8***	6050	3.0	***2.1***	5880	4.9	***3.1***	5470	9.8	***5.6***	4990	11600	
	329.29	2.3	***1.6***	6140	2.7	***1.9***	5980	4.4	***2.8***	5560	8.8	***5.1***	5020	11600	
	363.76	2.1	***1.5***	6240	2.5	***1.7***	6070	4.0	***2.6***	5650	8.0	***4.7***	5080	11600	
	416.98	1.8	***1.3***	6100	2.2	***1.5***	5940	3.5	***2.2***	5580	7.0	***4.3***	5340	11600	
	453.98	1.7	***1.2***	6450	2.0	***1.4***	6270	3.2	***2.2***	5840	6.4	***3.9***	5260	11600	
	492.27	1.5	***1.2***	6530	1.8	***1.3***	6350	2.9	***2.0***	5910	5.9	***3.6***	5320	11600	
	556.14	1.3	***1.0***	6650	1.6	***1.2***	6470	2.6	***1.8***	6020	5.2	***3.3***	5420	11600	
	614.35	1.2	***0.96***	6750	1.5	***1.1***	6570	2.4	***1.7***	6110	4.7	***3.0***	5500	11600	
	766.71	0.98	***0.64***	5670	1.2	***0.76***	5610	1.9	***1.2***	5460	3.8	***2.3***	5250	11600	
	939.26	0.80	***0.64***	6950	0.96	***0.76***	6880	1.5	***1.2***	6520	3.1	***2.1***	5870	11600	
	1018.49	0.74	***0.46***	5370	0.88	***0.53***	5220	1.4	***0.80***	4880	2.8	***1.5***	4690	11300	
	1178.68	0.64	***0.43***	5840	0.76	***0.50***	5680	1.2	***0.75***	5290	2.5	***1.4***	4760	9500	
	1271.08	0.59	***0.38***	5550	0.71	***0.44***	5400	1.1	***0.66***	5030	2.3	***1.3***	4750	11300	
	1595.08	0.47	***0.33***	6120	0.56	***0.39***	5950	0.91	***0.58***	5540	1.8	***1.1***	4990	9500	
	1854.28	0.40	***0.24***	5160	0.49	***0.28***	5020	0.78	***0.42***	4670	1.6	***0.76***	4200	8050	
	1990.66	0.38	***0.22***	5000	0.45	***0.25***	4860	0.73	***0.38***	4520	1.5	***0.72***	4290	9500	

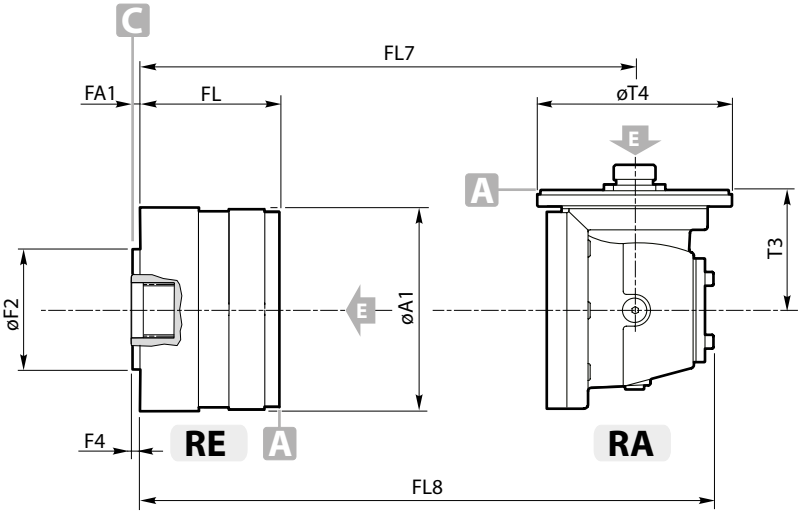
		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	T_{2max} [Nm]	P_t [kW]
RE 811	**3.56**	211	***155***	6860	253	***108***	3970	407	***150***	3440	—	—	—	18600	30 (N) 29 (T) 19 (F) 56 (P)
	4.15	181	***118***	6100	217	***95***	4090	349	***133***	3550	—	—	—	16800	
	5.10	147	***81***	5130	176	***81***	4250	284	***113***	3690	—	—	—	14200	
	5.82	129	***60***	4370	155	***72***	4330	249	***102***	3800	—	—	—	12100	
	6.86	109	***44.2***	3760	131	***52***	3720	211	***82***	3620	—	—	—	10400	
RE 812	**12.83**	58	***47.6***	7380	70	***45.1***	5830	113	***63***	5060	226	***102***	4110	18600	17 (N) 16 (T) 11 (F) 31 (P)
	15.14	49.5	***39.9***	7310	59	***40.1***	6130	96	***56***	5310	192	***91***	4320	18600	
	17.65	42.5	***31.0***	6630	51	***35.5***	6320	82	***49.5***	5470	164	***80.5***	4450	16800	
	18.36	40.8	***24.9***	5520	49.0	***29.5***	5470	79	***46.3***	5320	158	***76.5***	4400	14200	
	22.15	33.9	***25.0***	6710	40.6	***29.7***	6640	65	***42.2***	5860	131	***68.6***	4760	16800	
	25.75	29.1	***18.8***	5870	34.9	***22.4***	5810	56	***35.1***	5660	113	***61.8***	4980	16200	
	27.20	27.6	***17.2***	5650	33.1	***20.4***	5590	53	***31.9***	5440	107	***58.1***	4950	14200	
	31.62	23.7	***14.9***	5700	28.5	***17.7***	5640	45.9	***27.7***	5490	92	***52.3***	5180	14200	
	36.11	20.8	***11.1***	4850	24.9	***13.2***	4800	40.2	***20.7***	4670	80	***39.7***	4490	12100	
	38.25	19.6	***12.2***	5660	23.5	***14.5***	5610	37.9	***22.8***	5460	76	***43.8***	5240	14200	
	43.68	17.2	***9.3***	4900	20.6	***11.0***	4850	33.2	***17.3***	4720	66	***33.2***	4540	12100	
	51.43	14.6	***6.8***	4220	17.5	***8.1***	4180	28.2	***12.6***	4060	56	***24.3***	3910	10400	
RE 813	**52.69**	14.2	***12.6***	7850	17.1	***15.0***	7770	27.5	***23.5***	7560	55	***39.0***	6270	18600	12 (N) 12 (T) 8 (F) 22 (P)
	54.68	13.7	***12.4***	8020	16.5	***14.8***	7940	26.5	***21.2***	7060	53	***34.4***	5730	18600	
	63.75	11.8	***9.5***	7130	14.1	***11.3***	7060	22.7	***17.6***	6870	45.5	***33.6***	6540	16800	
	75.26	10.0	***8.1***	7200	12.0	***9.6***	7120	19.3	***15.1***	6930	38.5	***29.0***	6660	16800	
	77.10	9.7	***7.9***	7210	11.7	***9.4***	7130	18.8	***14.8***	6940	37.6	***28.4***	6670	16800	
	87.35	8.6	***7.0***	7230	10.3	***8.3***	7150	16.6	***13.1***	6960	33.2	***25.1***	6690	18600	
	101.85	7.4	***6.2***	7450	8.8	***7.2***	7250	14.2	***11.3***	7050	28.5	***21.8***	6780	16800	
	109.62	6.8	***5.1***	6600	8.2	***6.1***	6530	13.2	***9.5***	6360	26.5	***18.3***	6110	16500	
	127.81	5.9	***5.1***	7700	7.0	***6.0***	7500	11.3	***9.2***	7150	22.7	***17.6***	6870	16800	
	134.80	5.6	***4.0***	6310	6.7	***4.6***	6130	10.8	***7.2***	5960	21.5	***13.9***	5730	14200	
	156.92	4.8	***3.5***	6450	5.7	***4.1***	6280	9.2	***6.3***	6010	18.5	***12.1***	5780	14200	
	182.42	4.1	***3.1***	6600	4.9	***3.6***	6420	7.9	***5.4***	6060	15.9	***10.5***	5830	14200	
	195.84	3.8	***2.9***	6670	4.6	***3.4***	6490	7.4	***5.1***	6090	14.8	***9.8***	5850	14200	
	227.66	3.3	***2.5***	6830	4.0	***3.0***	6640	6.4	***4.4***	6180	12.7	***8.5***	5900	14200	
	251.98	3.0	***1.9***	5770	3.6	***2.3***	5610	5.8	***3.4***	5220	11.5	***6.5***	5020	12100	
	275.40	2.7	***2.0***	6340	3.3	***2.3***	6280	5.3	***3.6***	6110	10.5	***7.0***	5870	14200	
	314.47	2.4	***1.6***	5960	2.9	***1.9***	5800	4.6	***2.8***	5400	9.2	***5.3***	5080	12100	
RE 814	**183.36**	4.1	***4.0***	8430	4.9	***4.7***	8340	7.9	***7.4***	8120	15.8	***14.3***	7800	18600	9 (N) 9 (T) 7 (F) 17 (P)
	224.62	3.3	***3.3***	8530	4.0	***3.9***	8440	6.5	***6.1***	8210	12.9	***11.8***	7900	18600	
	261.91	2.9	***2.9***	8590	3.4	***3.3***	8360	5.5	***5.0***	7780	11.1	***9.2***	7160	16800	
	275.17	2.7	***2.7***	8630	3.3	***3.2***	8540	5.3	***5.1***	8310	10.5	***9.8***	7990	18600	
	320.85	2.3	***2.4***	8860	2.8	***2.8***	8620	4.5	***4.2***	8020	9.0	***7.6***	7240	16800	
	354.43	2.1	***2.2***	9000	2.5	***2.6***	8750	4.1	***3.9***	8140	8.2	***7.0***	7330	16800	
	393.66	1.9	***2.1***	9300	2.3	***2.4***	9200	3.7	***3.7***	8770	7.4	***7.2***	8430	18600	
	459.00	1.6	***1.8***	9350	2.0	***2.1***	9100	3.2	***3.1***	8470	6.3	***5.6***	7620	16800	
	503.94	1.5	***1.4***	7990	1.8	***1.6***	7910	2.9	***2.6***	7690	5.8	***4.9***	7390	18600	
	541.88	1.4	***1.5***	9590	1.7	***1.8***	9330	2.7	***2.7***	8680	5.4	***4.8***	7820	16800	
	634.83	1.2	***1.1***	7970	1.4	***1.3***	7750	2.3	***1.9***	7210	4.6	***3.4***	6500	14200	
	733.31	1.0	***1.1***	9430	1.2	***1.3***	9330	2.0	***2.1***	9080	4.0	***3.8***	8180	16800	
	792.27	0.95	***0.90***	8240	1.1	***1.1***	8020	1.8	***1.6***	7460	3.7	***2.8***	6720	14200	
	905.33	0.83	***0.81***	8410	0.99	***0.94***	8180	1.6	***1.4***	7610	3.2	***2.5***	6850	14200	
	1052.44	0.71	***0.71***	8600	0.86	***0.83***	8370	1.4	***1.2***	7790	2.8	***2.2***	7010	14200	
	1129.85	0.66	***0.67***	8700	0.80	***0.78***	8460	1.3	***1.2***	7870	2.6	***2.1***	7090	14200	
	1313.45	0.57	***0.59***	8900	0.69	***0.69***	8660	1.1	***1.0***	8050	2.2	***1.9***	7250	14200	
	1410.05	0.53	***0.55***	8990	0.64	***0.65***	8750	1.0	***0.97***	8140	2.1	***1.7***	7330	14200	
	1639.18	0.46	***0.49***	9200	0.55	***0.57***	8950	0.88	***0.85***	8330	1.8	***1.5***	7500	14200	
	1814.25	0.41	***0.37***	7780	0.50	***0.43***	7560	0.80	***0.65***	7040	1.6	***1.2***	6340	12100	
	1982.88	0.38	***0.34***	7650	0.45	***0.39***	7440	0.73	***0.59***	6920	1.5	***1.1***	6570	14200	
	2264.19	0.33	***0.31***	8040	0.40	***0.36***	7820	0.64	***0.54***	7280	1.3	***0.97***	6550	12100	

		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	T_{2max} [Nm]	P_t [kW]
RE 1021	**3.56**	211	***130***	5750	253	***148***	5440	407	***206***	4720	—	—	—	27200	36 (T) 22 (F) 58 (P)
	4.15	181	***115***	5920	217	***131***	5610	349	***182***	4860	—	—	—	24200	
	5.10	147	***97***	6160	176	***111***	5830	284	***154***	5050	—	—	—	20400	
	5.82	129	***87***	6320	155	***100***	6010	249	***139***	5200	—	—	—	17400	
	6.86	109	***64***	5440	131	***76***	5380	211	***119***	5240	—	—	—	15000	
RE 1022	**12.83**	58	***54***	8440	70	***62***	8000	113	***86***	6930	226	***140***	5630	27200	20 (T) 13 (F) 33 (P)
	15.14	49.5	***48.4***	8880	59	***55***	8400	96	***77***	7280	192	***125***	5920	27200	
	17.65	42.5	***42.8***	9140	51	***48.6***	8660	82	***68***	7500	164	***110***	6090	24200	
	19.00	39.5	***41.3***	9500	47.4	***46.9***	9000	76	***66***	7800	153	***106***	6330	27200	
	22.15	33.9	***36.3***	9720	40.6	***41.5***	9270	65	***58***	8030	131	***94***	6520	24200	
	25.75	29.1	***31.5***	9810	34.9	***37.3***	9700	56	***52***	8400	113	***85***	6830	24200	
	27.20	27.6	***24.8***	8170	33.1	***29.5***	8080	53	***46.2***	7870	107	***79.7***	6780	20400	
	31.62	23.7	***21.5***	8240	28.5	***25.6***	8150	45.9	***40.1***	7930	92	***71.7***	7100	20400	
	36.11	20.8	***16.1***	7020	24.9	***19.1***	6940	40.2	***29.9***	6760	80	***57.5***	6490	17400	
	38.25	19.6	***18.0***	8330	23.5	***21.4***	8240	37.9	***33.5***	8020	76	***62.7***	7510	20400	
	43.68	17.2	***13.4***	7090	20.6	***15.9***	7020	33.2	***25.0***	6830	66	***48.0***	6570	17400	
	51.43	14.6	***9.8***	6110	17.5	***11.6***	6040	28.2	***18.3***	5880	56	***35.1***	5650	15000	
RE 1023	**52.69**	14.2	***18.6***	11600	17.1	***22.1***	11500	27.5	***32.9***	10600	55	***53.5***	8600	27200	15 (T) 10 (F) 22 (P)
	54.68	13.7	***18.0***	11600	16.5	***21.4***	11500	26.5	***32.1***	10700	53	***52.1***	8700	27200	
	63.75	11.8	***13.7***	10300	14.1	***16.3***	10200	22.7	***25.6***	9950	45.5	***46.0***	8960	24200	
	73.99	10.1	***13.6***	11900	12.2	***16.1***	11700	19.6	***25.2***	11400	39.2	***42.2***	9500	27200	
	81.00	9.3	***12.6***	12100	11.1	***14.8***	11800	17.9	***23.1***	11400	35.8	***39.6***	9800	27200	
	87.35	8.6	***11.8***	12200	10.3	***13.8***	11900	16.6	***21.5***	11500	33.2	***37.5***	10000	27200	
	89.62	8.4	***10.0***	10600	10.0	***11.8***	10400	16.2	***18.5***	10100	32.4	***35.6***	9750	24200	
	101.85	7.4	***9.0***	10800	8.8	***10.5***	10500	14.2	***16.4***	10200	28.5	***31.6***	9820	24200	
	109.62	6.8	***9.8***	12600	8.2	***11.4***	12300	13.2	***17.4***	11600	26.5	***32.0***	10700	27200	
	127.81	5.9	***7.4***	11200	7.0	***8.6***	10900	11.3	***13.3***	10300	22.7	***25.5***	9950	24200	
	148.58	5.0	***6.5***	11400	6.1	***7.6***	11100	9.8	***11.5***	10400	19.5	***22.1***	10000	24200	
	159.51	4.7	***6.1***	11500	5.6	***7.2***	11200	9.1	***10.8***	10500	18.2	***20.7***	10100	24200	
	185.43	4.0	***5.4***	11800	4.9	***6.3***	11500	7.8	***9.4***	10700	15.6	***18.0***	10200	24200	
	195.84	3.8	***4.2***	9650	4.6	***4.9***	9390	7.4	***7.4***	8810	14.8	***14.2***	8460	20400	
	227.66	3.3	***3.7***	9870	4.0	***4.3***	9600	6.4	***6.4***	8930	12.7	***12.3***	8540	20400	
	275.40	2.7	***3.1***	10160	3.3	***3.6***	9880	5.3	***5.5***	9190	10.5	***10.3***	8630	20400	
	314.47	2.4	***2.3***	8630	2.9	***2.7***	8390	4.6	***4.1***	7810	9.2	***7.7***	7350	17400	
RE 1024	**190.27**	3.9	***6.3***	13700	4.7	***7.3***	13300	7.6	***11.0***	12400	15.2	***20.4***	11500	27200	12 (T) 8 (F) 17 (P)
	224.62	3.3	***5.4***	14100	4.0	***6.4***	13700	6.5	***9.5***	12700	12.9	***17.4***	11700	27200	
	257.49	2.9	***4.8***	14400	3.5	***5.7***	14000	5.6	***8.5***	13000	11.3	***15.3***	11700	27200	
	275.17	2.7	***4.6***	14500	3.3	***5.3***	14100	5.3	***8.0***	13100	10.5	***14.4***	11800	27200	
	315.43	2.4	***4.1***	14800	2.9	***4.8***	14400	4.6	***7.1***	13400	9.2	***12.9***	12100	27200	
	345.32	2.2	***3.7***	14500	2.6	***4.3***	14400	4.2	***6.6***	13600	8.4	***11.9***	12200	27200	
	393.66	1.9	***3.4***	15300	2.3	***3.9***	14900	3.7	***5.9***	13900	7.4	***10.7***	12500	27200	
	503.94	1.5	***2.7***	15900	1.8	***3.2***	15500	2.9	***4.8***	14400	5.8	***8.6***	13000	27200	
	583.20	1.3	***2.3***	15400	1.5	***2.7***	15000	2.5	***4.2***	14400	5.0	***7.6***	13200	27200	
	632.40	1.2	***2.1***	15600	1.4	***2.5***	15200	2.3	***3.8***	14500	4.6	***7.1***	13400	27200	
	733.31	1.0	***1.7***	14500	1.2	***2.0***	14100	2.0	***3.0***	13200	4.0	***5.4***	11900	24200	
	857.19	0.87	***1.5***	14900	1.0	***1.8***	14500	1.7	***2.6***	13500	3.4	***4.8***	12100	24200	
	920.24	0.82	***1.4***	15100	0.98	***1.7***	14600	1.6	***2.5***	13600	3.2	***4.5***	12300	24200	
	984.96	0.76	***1.3***	14700	0.91	***1.5***	14600	1.5	***2.4***	14200	2.9	***4.7***	13700	27200	
	1148.46	0.65	***1.2***	15600	0.78	***1.4***	15100	1.3	***2.1***	14100	2.5	***3.7***	12700	24200	
	1273.11	0.59	***0.87***	12800	0.71	***1.0***	12500	1.1	***1.5***	11600	2.3	***2.8***	10400	20400	
	1410.05	0.53	***0.80***	13000	0.64	***0.94***	12700	1.0	***1.4***	11800	2.1	***2.5***	10600	20400	
	1588.85	0.47	***0.72***	13200	0.57	***0.85***	12900	0.91	***1.3***	12000	1.8	***2.3***	10800	20400	
	1814.25	0.41	***0.54***	11200	0.50	***0.63***	10900	0.80	***0.94***	10200	1.6	***1.70***	9170	17400	
	1982.88	0.38	***0.60***	13700	0.45	***0.70***	13300	0.73	***1.05***	12400	1.5	***1.89***	11200	20400	
	2264.19	0.33	***0.45***	11600	0.40	***0.52***	11300	0.64	***0.78***	10500	1.3	***1.41***	9480	17400	

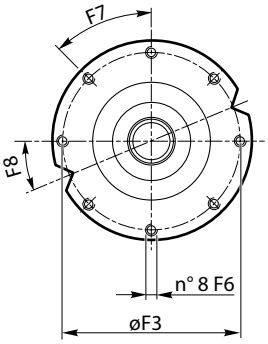


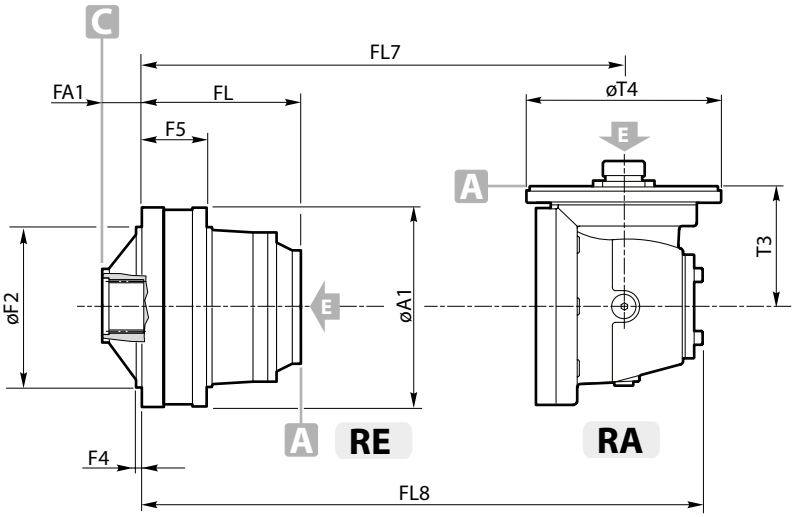
		RE - RA						
		110	210	240	310	510	810	1020
FS	FU1	A 40x36 DIN 5482	A 40x36 DIN 5482	A 45x41 DIN 5482	A 58x53 DIN 5482	A 58x53 DIN 5482	A 70x64 DIN 5482	A 80x74 DIN 5482
	FU2	42 H7	42 H7	46 H7	60 H7	60 H7	72 H7	85 H8
	FU3	29	29	29	41	41	50	59
	FU4	6	6	6	7	7	11.5	10

		RE - RA						
	stages	110	210	240	310	510	810	1020
A1		186	186	186	244	244	295	295
F2		110 h7	110 h7	110 h7	200 h8	200 h8	240 f7	240 f7
F3		165	165	165	222	222	265	265
F4		5	5	5	9	9	10	10
F5		—	—	—	62	80	83	101
F6		Ø10.5	Ø10.5	Ø10.5	Ø10.5	Ø10.5	Ø13	Ø13
		M.. - 12.9						
		M10	M10	M10	M10	M10	M12	M12
F7		45°	45°	45°	30°	30°	30°	15°
F8		22.5°	22.5°	22.5°	—	—	—	15°
F9		—	—	—	—	—	—	30°
FA1		5	5	5	51	51	50	57
FL	1	59	71	71	39.5	57.5	67	85
	2	102	114	114	92	122	134	170
	3	145	157	157	135	165	186.5	234.5
	4	188	200	200	178	208	229.5	277.5
FL7	2	140	152	152	188.5	179.5	209	227
	3	183	195	195	173	203	256.5	292
	4	226	238	238	216	246	267.5	315.5
FL8	2	214.5	226.5	226.5	252.5	270.5	317	335
	3	257.5	269.5	269.5	247.5	277.5	347.5	383
	4	300.5	312.5	312.5	290.5	320.5	342	390
T3	2	113.8	113.8	113.8	113.8	171.5	277	277
	3	113.8	113.8	113.8	113.8	113.8	171.5	171.5
	4	113.8	113.8	113.8	113.8	113.8	113.8	113.8
T4	2	184	184	184	184	183	242	242
	3	184	184	184	184	184	183	183
	4	184	184	184	184	184	184	184

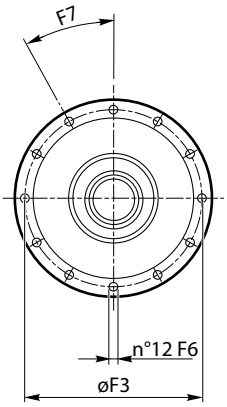


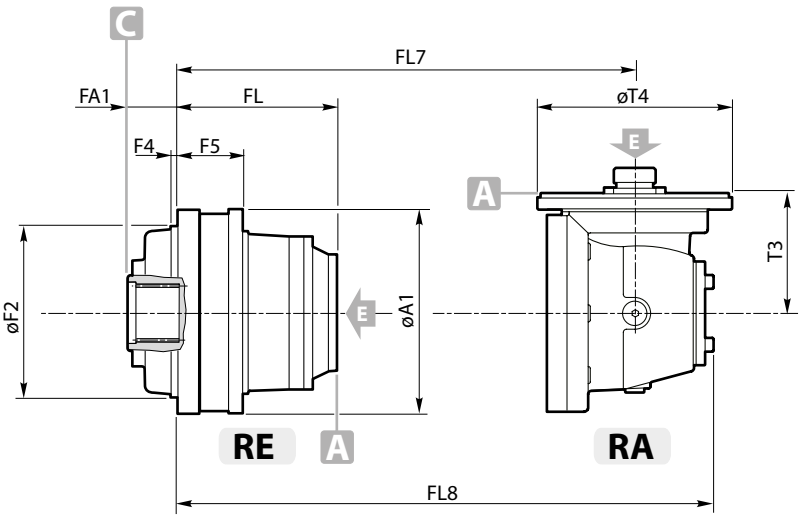
110 - 210 - 240



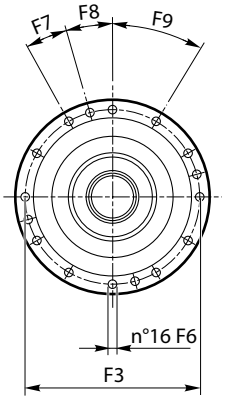


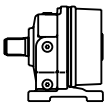
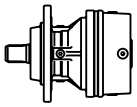
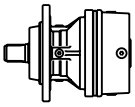
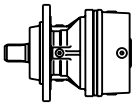
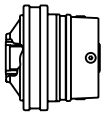
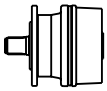
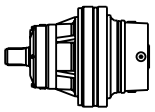
310 - 510 - 810





1020



	P	T	TL	TR	F	N	H
kg							
RE 111	23	20	—	20	14	17	—
RE 112	29.5	26.5	—	26.5	21	24	—
RE 113	36.5	33.5	—	33.5	27.5	30.5	—
RE 114	43	40	—	40	34	37	—
RE 211	25	22	—	22	16	19	—
RE 212	32	29	—	29	23	26	—
RE 213	38	35	—	35	30	32	—
RE 214	45	42	—	42	37	39	—
RE 241	25	22	—	22	16	—	—
RE 242	32	29	—	29	23	—	—
RE 243	38	35	—	35	30	—	—
RE 244	45	42	—	42	37	—	—
RE 311	52	47	47	—	24	35	—
RE 312	59	54	54	—	31	42	—
RE 313	66	61	61	—	38	49	—
RE 314	72	67	66	—	45	56	—
RE 511	57	52	52	—	29	40	—
RE 512	66	61	61	—	38	49	—
RE 513	73	68	68	—	45	56	—
RE 514	80	75	75	—	52	63	—
RE 611	58	53	53	—	30	41	—
RE 612	72	67	67	—	44	55	—
RE 613	79	74	74	—	51	62	—
RE 614	86	81	81	—	58	69	—
RE 811	80	70	—	—	—	67	—
RE 812	94	84	—	—	—	80	—
RE 813	100	90	—	—	—	87	—
RE 814	107	97	—	—	—	94	—
RE 1021	100	90	—	—	60	—	—
RE 1022	117	107	—	—	77	—	—