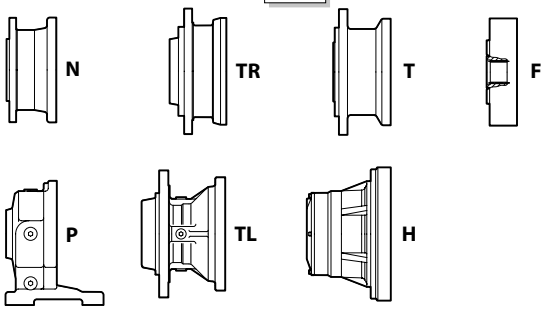
5.0 Order code

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**

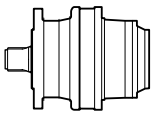
REDUCTION RATIO

F-2

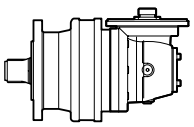
Please write the exact ratio as shown on the selection table

EXECUTION

F-1



RE - GB = Linear



RA - GBA = Angular

COMPOSITION

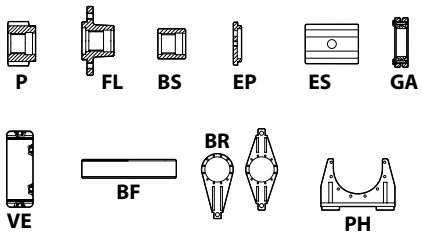
F-2

/ = 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

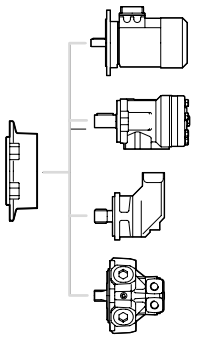
H-46

MOUNTING POSITION

H-46

MOTOR ADAPTER CONFIGURATION

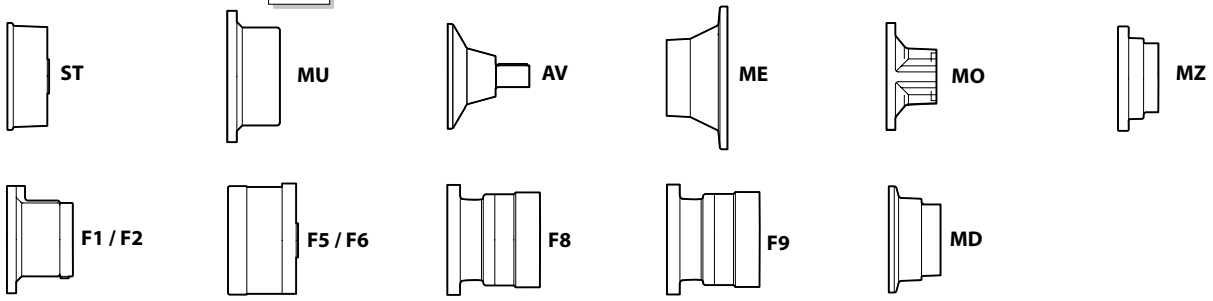
H-27



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.

6.0 Negative Hydraulic Brakes

6.1 1.1 Negative Hydraulic Multi disk Brakes

Dinamic Oil gearboxes may have a static negative multi disk brakes and hydraulic control.
The brakes on models **F1** through **F2** are designed for direct assembly of orbital hydraulic motors with flanging, compliant with the SAE A Standard.
The brakes on models **F5** through **F6** reach greater braking torques and have an ST universal for connection to wide range of motors available on the market.
The brakes on model **F8** reach braking torques of up to 3000 Nm and have anl MU input for connection to a wide range of motors available on the market.
The brakes on model **F9** reach braking torques of up to 1500 Nm. An optional sprag clutch mechanism with a torque of up to 1200 Nm can also be mounted. They have a "SAE C" or "SAE D" input and or optional universal ST input. These can be used for connection to a wide range of motors available on the market.
The **MD** brake is assembled with a direct flange connection for MLR motors on reduction stages RE 110-240.

Braking is generated by springs which compress fixed tempered steel disks alternating with bronze disks; friction transforms this thrust into a braking torque.
The brakes open when hydraulic oil pressurizes the brake release port; the pressure acts on a piston which compresses the spring so that the disks can turn freely. These are parking brakes which act by creating static braking torque when hydraulic release pressure is zero. The action stops when hydraulic pressure reaches the minimum release value.
For the following brakes F1, F2 and standard versions of F5, F6 and F8, circa 0.1 liter of mineral oil, with an ISO VG 32 viscosity is required.
Several brake models - F5, F6, F8 and F9 - are available in special versions with a higher maximum velocity.

6.2 Brake Selection

The following criteria must be considered:

- Braking torques are calculated under zero release pressure; if there is counter-pressure in the hydraulic circuit the actual braking values will be reduced as follows:

  Actual torque = Theoretical torque x (Opening pressure – Counter-pressure) / Pressure at the start of opening.

- Brake torque multiplied by the reduction ratio and divided by gearbox efficiency must be greater than or equal to the required output torque:

$$T_b \times i_e / \eta_m \geq T_2$$

- Except in particular cases, brake torque multiplied by the reduction ratio and divided by gearbox efficiency must not exceed the maximum gearbox torque:

$$T_b \times i_e / \eta_m \leq T_{2max}$$

7.0 Assembly Positions

For a complete definition of gearbox order code, it is necessary to determine the assembly position. This position defines the location of the oil filling caps, levels and drainage plugs.
See page H46 - H48.

		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 111	**3.48**	216	***14.7***	630	259	***16.8***	610	417	***23.5***	530	833	***38.2***	430	1730	11 (N) 13 (T) 8 (F) 21 (P)
	4.26	176	***12.2***	650	211	***14.4***	640	340	***20.1***	550	680	***32.7***	450	1780	
	5.77	130	***6.7***	480	156	***7.9***	470	251	***12.4***	460	503	***23.9***	440	1320	
	7.20	104	***3.8***	340	125	***4.6***	340	201	***7.1***	330	403	***13.7***	320	950	
RE 112	**12.11**	62	***4.6***	680	74	***5.5***	670	120	***8.6***	660	239	***16.4***	620	1730	7 (N) 8 (T) 5 (F) 13 (P)
	14.84	51	***3.8***	690	61	***4.6***	680	98	***7.1***	660	195	***13.7***	640	1730	
	18.17	41.3	***3.2***	700	49.5	***3.8***	700	80	***6.0***	680	160	***11.4***	650	1780	
	20.08	37.4	***2.9***	700	44.8	***3.4***	690	72	***5.4***	670	144	***10.3***	650	1730	
	24.60	30.5	***2.4***	720	36.6	***2.9***	710	59	***4.5***	690	118	***8.6***	660	1780	
	30.69	24.4	***2.0***	720	29.3	***2.3***	720	47.2	***3.6***	700	94	***7.0***	670	1780	
	33.28	22.5	***1.3***	530	27.0	***1.6***	520	43.6	***2.4***	510	87	***4.7***	490	1320	
	41.54	18.1	***1.1***	530	21.7	***1.3***	530	34.9	***2.0***	510	70	***3.8***	490	1320	
	51.84	14.5	***0.61***	380	17.4	***0.73***	380	28.0	***1.1***	370	56	***2.2***	350	950	
RE 113	**51.63**	14.5	***1.2***	750	17.4	***1.5***	740	28.1	***2.3***	720	56	***4.4***	690	1730	5 (N) 6 (T) 4 (F) 10 (P)
	63.25	11.9	***1.0***	760	14.2	***1.2***	750	22.9	***1.9***	730	45.9	***3.6***	700	1780	
	69.87	10.7	***0.92***	750	12.9	***1.1***	740	20.8	***1.7***	720	41.5	***3.3***	700	1730	
	77.48	9.7	***0.84***	760	11.6	***0.99***	760	18.7	***1.6***	740	37.4	***3.0***	710	1780	
	85.59	8.8	***0.76***	770	10.5	***0.90***	760	16.9	***1.4***	740	33.9	***2.7***	710	1780	
	104.85	7.2	***0.64***	790	8.6	***0.75***	770	13.8	***1.2***	750	27.7	***2.2***	720	1780	
	106.82	7.0	***0.63***	790	8.4	***0.73***	770	13.6	***1.1***	750	27.1	***2.2***	720	1780	
	130.86	5.7	***0.53***	820	6.9	***0.62***	800	11.1	***0.95***	760	22.2	***1.8***	730	1780	
	141.90	5.3	***0.49***	830	6.3	***0.58***	810	10.2	***0.88***	760	20.4	***1.7***	730	1780	
	144.55	5.2	***0.49***	840	6.2	***0.58***	820	10.0	***0.86***	760	20.1	***1.6***	730	1730	
	177.09	4.2	***0.41***	860	5.1	***0.48***	830	8.2	***0.72***	770	16.4	***1.4***	740	1780	
	180.40	4.2	***0.41***	870	5.0	***0.48***	850	8.0	***0.72***	790	16.1	***1.3***	730	1730	
	221.00	3.4	***0.34***	880	4.1	***0.40***	860	6.6	***0.59***	800	13.1	***1.1***	750	1780	
	239.64	3.1	***0.22***	630	3.8	***0.26***	610	6.1	***0.39***	570	12.1	***0.75***	550	1320	
	299.08	2.5	***0.18***	650	3.0	***0.21***	630	4.8	***0.32***	590	9.7	***0.61***	550	1320	
RE 114	**220.10**	3.4	***0.35***	880	4.1	***0.41***	860	6.6	***0.61***	800	13.2	***1.1***	750	1780	4 (N) 5 (T) 4 (F) 8 (P)
	243.14	3.1	***0.33***	910	3.7	***0.38***	890	6.0	***0.57***	830	11.9	***1.0***	750	1730	
	269.63	2.8	***0.29***	910	3.3	***0.34***	890	5.4	***0.51***	830	10.8	***0.95***	760	1780	
	303.44	2.5	***0.27***	940	3.0	***0.32***	920	4.8	***0.47***	850	9.6	***0.85***	770	1730	
	364.89	2.1	***0.23***	950	2.5	***0.27***	930	4.0	***0.40***	860	7.9	***0.72***	780	1780	
	403.08	1.9	***0.21***	980	2.2	***0.25***	960	3.6	***0.37***	890	7.2	***0.67***	800	1730	
	447.00	1.7	***0.19***	980	2.0	***0.22***	960	3.2	***0.33***	890	6.5	***0.60***	800	1780	
	493.79	1.5	***0.18***	1000	1.8	***0.21***	970	2.9	***0.31***	900	5.9	***0.55***	810	1780	
	557.86	1.3	***0.16***	1020	1.6	***0.19***	990	2.6	***0.28***	920	5.2	***0.50***	830	1780	
	627.80	1.2	***0.15***	1050	1.4	***0.17***	1020	2.3	***0.25***	950	4.6	***0.46***	860	1730	
	818.63	0.92	***0.11***	1080	1.1	***0.13***	1050	1.8	***0.20***	980	3.5	***0.36***	880	1780	
	942.17	0.80	***0.10***	1100	0.96	***0.12***	1070	1.5	***0.18***	1000	3.1	***0.32***	900	1780	
	1021.64	0.73	***0.09***	1120	0.88	***0.11***	1090	1.4	***0.17***	1010	2.8	***0.30***	910	1780	
	1275.01	0.59	***0.08***	1150	0.71	***0.09***	1120	1.1	***0.14***	1040	2.3	***0.25***	940	1780	
	1591.22	0.47	***0.07***	1190	0.57	***0.08***	1160	0.91	***0.11***	1080	1.8	***0.21***	970	1780	
	1725.44	0.43	***0.04***	840	0.52	***0.05***	820	0.84	***0.07***	760	1.7	***0.13***	690	1320	
	2153.35	0.35	***0.04***	870	0.42	***0.04***	850	0.67	***0.06***	790	1.3	***0.11***	710	1320	

		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 211	**3.48**	216	***26.5***	1140	259	***30.1***	1080	417	***42.0***	940	833	***68***	760	2420	11 (N) 13 (T) 9 (F) 22 (P)
	4.26	176	***22.7***	1200	211	***25.7***	1140	340	***36.0***	980	680	***58***	800	3550	
	5.77	130	***13.4***	960	156	***16.0***	950	251	***25.0***	930	503	***45.8***	850	2650	
	7.20	104	***7.8***	690	125	***9.2***	690	201	***14.4***	670	403	***27.8***	640	1920	
RE 212	**12.11**	62	***9.7***	1410	74	***11.5***	1400	120	***18.0***	1360	239	***29.3***	1110	2420	7 (N) 8 (T) 5 (F) 13 (P)
	14.84	51	***7.7***	1390	61	***9.2***	1380	98	***14.4***	1340	195	***25.0***	1160	3550	
	18.17	41.3	***6.4***	1410	49.5	***7.6***	1390	80	***11.9***	1360	160	***21.7***	1240	3550	
	20.08	37.4	***6.0***	1460	44.8	***7.1***	1440	72	***11.2***	1400	144	***20.5***	1290	2420	
	24.60	30.5	***4.8***	1430	36.6	***5.7***	1420	59	***9.0***	1380	118	***17.2***	1330	3550	
	30.69	24.4	***3.9***	1450	29.3	***4.6***	1430	47.2	***7.3***	1400	94	***14.0***	1340	3550	
	33.28	22.5	***2.6***	1060	27.0	***3.1***	1050	43.6	***4.9***	1030	87	***9.5***	990	2650	
	41.54	18.1	***2.1***	1080	21.7	***2.5***	1070	34.9	***4.0***	1040	70	***7.7***	1000	2650	
	51.84	14.5	***1.2***	780	17.4	***1.5***	770	28.0	***2.3***	750	56	***4.4***	720	1920	
RE 213	**51.63**	14.5	***2.5***	1490	17.4	***2.9***	1480	28.1	***4.6***	1440	56	***8.8***	1380	3550	5 (N) 6 (T) 4 (F) 10 (P)
	63.25	11.9	***2.0***	1510	14.2	***2.4***	1500	22.9	***3.8***	1460	45.9	***7.2***	1400	3550	
	69.87	10.7	***1.9***	1570	12.9	***2.3***	1550	20.8	***3.5***	1510	41.5	***6.8***	1450	2420	
	77.48	9.7	***1.7***	1530	11.6	***2.0***	1510	18.7	***3.1***	1470	37.4	***6.0***	1420	3550	
	85.59	8.8	***1.5***	1540	10.5	***1.8***	1520	16.9	***2.8***	1480	33.9	***5.4***	1420	3550	
	104.85	7.2	***1.3***	1580	8.6	***1.5***	1540	13.8	***2.3***	1500	27.7	***4.5***	1440	3550	
	106.82	7.0	***1.3***	1590	8.4	***1.5***	1540	13.6	***2.3***	1500	27.1	***4.4***	1440	3550	
	130.86	5.7	***1.1***	1630	6.9	***1.2***	1590	11.1	***1.9***	1520	22.2	***3.7***	1460	3550	
	141.90	5.3	***1.0***	1660	6.3	***1.2***	1610	10.2	***1.8***	1520	20.4	***3.4***	1460	3550	
	144.55	5.2	***1.0***	1750	6.2	***1.2***	1700	10.0	***1.8***	1590	20.1	***3.4***	1510	2420	
	177.09	4.2	***0.82***	1710	5.1	***1.0***	1660	8.2	***1.4***	1550	16.4	***2.7***	1480	3550	
	180.40	4.2	***0.63***	1330	5.0	***0.74***	1320	8.0	***1.2***	1290	16.1	***2.2***	1240	3290	
	221.00	3.4	***0.63***	1630	4.1	***0.74***	1620	6.6	***1.2***	1570	13.1	***2.2***	1500	3550	
	239.64	3.1	***0.45***	1260	3.8	***0.52***	1230	6.1	***0.78***	1150	12.1	***1.5***	1100	2650	
	299.08	2.5	***0.37***	1310	3.0	***0.43***	1270	4.8	***0.65***	1180	9.7	***1.2***	1120	2650	
RE 214	**220.10**	3.4	***0.70***	1770	4.1	***0.82***	1720	6.6	***1.22***	1600	13.2	***2.3***	1500	3550	5 (N) 5 (T) 4 (F) 8 (P)
	243.14	3.1	***0.68***	1900	3.7	***0.79***	1840	6.0	***1.19***	1720	11.9	***2.1***	1550	2420	
	269.63	2.8	***0.59***	1820	3.3	***0.69***	1770	5.4	***1.03***	1650	10.8	***1.9***	1520	3550	
	303.44	2.5	***0.56***	1960	3.0	***0.66***	1910	4.8	***0.98***	1770	9.6	***1.8***	1600	2420	
	364.89	2.1	***0.45***	1910	2.5	***0.53***	1860	4.0	***0.80***	1730	7.9	***1.4***	1560	3550	
	403.08	1.9	***0.43***	1970	2.2	***0.50***	1950	3.6	***0.77***	1850	7.2	***1.4***	1670	2420	
	447.00	1.7	***0.38***	1970	2.0	***0.45***	1920	3.2	***0.67***	1780	6.5	***1.2***	1600	3550	
	493.79	1.5	***0.35***	2000	1.8	***0.41***	1940	2.9	***0.62***	1810	5.9	***1.1***	1630	3550	
	557.86	1.3	***0.32***	2040	1.6	***0.37***	1980	2.6	***0.55***	1840	5.2	***1.0***	1660	3550	
	627.80	1.2	***0.30***	2190	1.4	***0.35***	2130	2.3	***0.53***	1980	4.6	***0.95***	1780	2420	
	818.63	0.92	***0.23***	2160	1.1	***0.27***	2100	1.8	***0.40***	1950	3.5	***0.72***	1760	3550	
	942.17	0.80	***0.20***	2200	0.96	***0.24***	2140	1.5	***0.36***	1990	3.1	***0.64***	1800	3550	
	1021.64	0.73	***0.19***	2230	0.88	***0.22***	2170	1.4	***0.33***	2020	2.8	***0.60***	1820	3550	
	1275.01	0.59	***0.16***	2310	0.71	***0.18***	2240	1.1	***0.28***	2090	2.3	***0.50***	1880	3550	
	1591.22	0.47	***0.11***	1970	0.57	***0.13***	1920	0.91	***0.19***	1790	1.8	***0.36***	1690	3550	
	1725.44	0.43	***0.09***	1700	0.52	***0.10***	1660	0.84	***0.15***	1540	1.7	***0.27***	1390	2650	
	2153.35	0.35	***0.07***	1760	0.42	***0.08***	1710	0.67	***0.12***	1590	1.3	***0.22***	1440	2650	

		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	

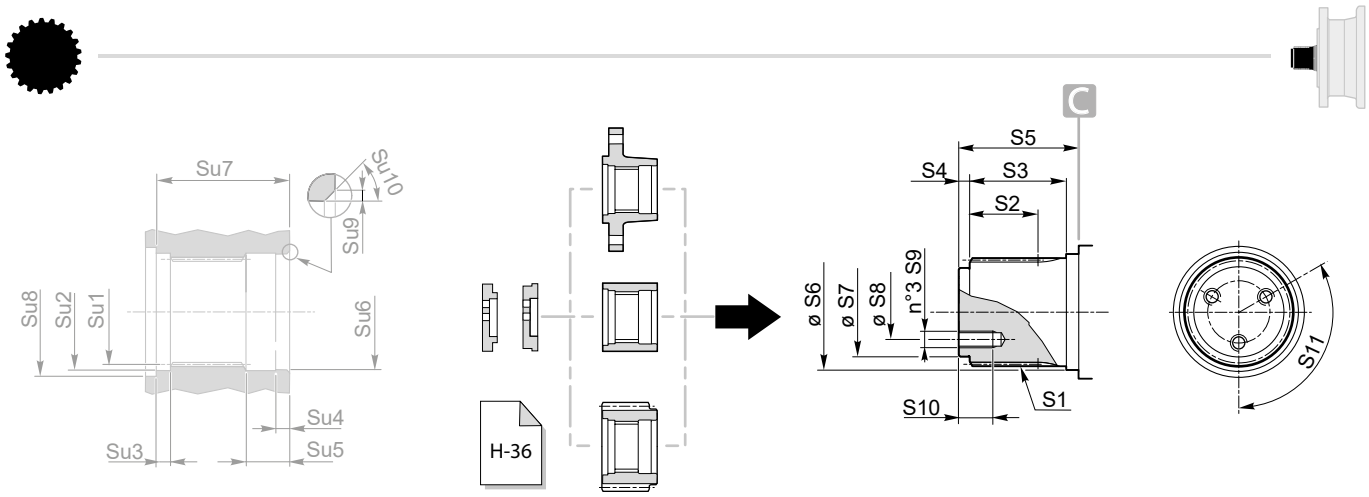
		n_1= **750** RPM			n_1= **900** RPM			n_1= **1450** RPM			n_1= **2900** RPM				
	ie	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	n_2 [RPM]	P_1 [kW]	T_2 [Nm]	T_{2max} [Nm]	P_t [kW]
RE 311	**3.60**	208	***43.9***	1960	250	***49.9***	1860	403	***70***	1610	806	***113***	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	

		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 1521	**4.09**	183	***193***	9800	220	***219***	9280	354	***306***	8040	—	—	—	39000	44 (T)
	5.25	143	***158***	10300	171	***179***	9730	276	***250***	8430	—	—	—	30500	36 (H)
	6.23	120	***114***	8780	144	***135***	8690	233	***211***	8460	—	—	—	24200	28 (F)
RE 1522	**14.73**	51	***78***	13900	61	***89***	13200	98	***124***	11400	197	***201***	9270	39000	25 (T) 21 (H) 16 (F)
	17.39	43.1	***68***	14400	52	***78***	13600	83	***108***	11800	167	***176***	9590	39000	
	21.82	34.4	***53***	14100	41.3	***64***	14000	66	***90***	12300	133	***146***	9990	38900	
	25.36	29.6	***38.9***	11900	35.5	***46.2***	11800	57	***72***	11500	114	***130***	10400	32900	
	28.00	26.8	***35.9***	12200	32.1	***42.7***	12100	52	***67***	11700	104	***129***	11300	30500	
	32.55	23.0	***31.2***	12300	27.6	***37.0***	12200	44.5	***58***	11800	89	***112***	11400	30500	
	33.23	22.6	***24.0***	9700	27.1	***28.5***	9570	43.6	***44.7***	9310	87	***86***	8950	24200	
	39.38	19.0	***25.2***	12000	22.9	***29.9***	11900	36.8	***46.9***	11600	74	***90***	11100	30500	
	46.73	16.0	***17.4***	9900	19.3	***20.7***	9750	31.0	***32.4***	9490	62	***62***	9120	24200	
RE 1523	**51.25**	14.6	***27.2***	16400	17.6	***31.7***	16000	28.3	***44.2***	13800	57	***72***	11200	39000	17 (T) 15 (H) 12 (F)
	60.50	12.4	***23.2***	16600	14.9	***27.6***	16400	24.0	***43.2***	16000	47.9	***72***	13300	39000	
	62.78	11.9	***22.4***	16600	14.3	***26.6***	16400	23.1	***37.8***	14500	46.2	***61***	11800	39000	
	74.12	10.1	***19.2***	16800	12.1	***22.8***	16600	19.6	***35.7***	16200	39.1	***61***	13900	39000	
	80.57	9.3	***13.6***	12900	11.2	***16.2***	12800	18.0	***25.3***	12500	36.0	***49***	12000	30500	
	93.01	8.1	***14.0***	15300	9.7	***16.6***	15200	15.6	***26.0***	14800	31.2	***50***	14200	38900	
	100.31	7.5	***14.1***	16700	9.0	***16.8***	16600	14.5	***26.3***	16100	28.9	***48.1***	14700	39000	
	109.04	6.9	***10.2***	13200	8.3	***12.1***	13000	13.3	***19.0***	12700	26.6	***36.6***	12200	30500	
	125.87	6.0	***10.5***	15600	7.2	***12.5***	15500	11.5	***19.6***	15000	23.0	***37.6***	14500	38900	
	146.33	5.1	***7.6***	13200	6.2	***9.1***	13100	9.9	***14.2***	12700	19.8	***27.4***	12200	32900	
	157.09	4.8	***8.2***	15100	5.7	***9.7***	15000	9.2	***15.2***	14600	18.5	***29.2***	14000	38900	
	182.62	4.1	***6.2***	13400	4.9	***7.4***	13200	7.9	***11.6***	12900	15.9	***22.2***	12400	32900	
	201.60	3.7	***6.0***	14400	4.5	***7.1***	14000	7.2	***10.7***	13100	14.4	***20.5***	12600	30500	
	234.36	3.2	***5.3***	14700	3.8	***6.2***	14300	6.2	***9.3***	13300	12.4	***17.8***	12700	30500	
	239.26	3.1	***4.0***	11400	3.8	***4.7***	11100	6.1	***7.1***	10400	12.1	***13.7***	10000	24200	
	278.14	2.7	***3.5***	11600	3.2	***4.1***	11300	5.2	***6.2***	10500	10.4	***11.9***	10100	24200	
RE 1524	**210.56**	3.6	***8.0***	19400	4.3	***9.4***	18900	6.9	***14.0***	17600	13.8	***26.3***	16500	39000	14 (T) 12 (F) 9 (P)
	218.49	3.4	***7.8***	19500	4.1	***9.1***	19000	6.6	***13.6***	17700	13.3	***25.4***	16500	39000	
	257.94	2.9	***6.7***	20000	3.5	***7.9***	19500	5.6	***11.8***	18100	11.2	***21.7***	16700	39000	
	280.40	2.7	***4.7***	15100	3.2	***5.5***	14700	5.2	***8.2***	13700	10.3	***15.4***	12900	30500	
	315.99	2.4	***5.6***	20400	2.8	***6.6***	20100	4.6	***9.9***	18700	9.2	***17.9***	16900	39000	
	349.06	2.1	***5.1***	20500	2.6	***6.1***	20300	4.2	***9.1***	19000	8.3	***16.5***	17100	39000	
	396.53	1.9	***3.7***	16700	2.3	***4.3***	16500	3.7	***6.8***	16100	7.3	***13.1***	15400	38900	
	452.05	1.7	***4.1***	21400	2.0	***4.9***	21100	3.2	***7.3***	19700	6.4	***13.2***	17800	39000	
	508.89	1.5	***2.8***	16500	1.8	***3.3***	16100	2.8	***4.9***	15000	5.7	***8.9***	13500	30500	
	578.69	1.3	***2.8***	18500	1.6	***3.3***	18300	2.5	***5.2***	17800	5.0	***9.9***	17100	39000	
	629.07	1.2	***2.4***	17100	1.4	***2.8***	16600	2.3	***4.1***	15500	4.6	***7.4***	13900	30500	
	722.20	1.0	***2.3***	18700	1.2	***2.7***	18500	2.0	***4.2***	18000	4.0	***8.1***	17300	39000	
	800.57	0.94	***1.9***	17700	1.1	***2.2***	17200	1.8	***3.4***	16000	3.6	***6.1***	14400	30500	
	906.29	0.83	***1.8***	18600	0.99	***2.1***	18100	1.6	***3.1***	16800	3.2	***6.0***	16200	38900	
	999.11	0.75	***1.6***	18300	0.90	***1.9***	17800	1.5	***2.8***	16600	2.9	***5.0***	14900	30500	
	1156.68	0.65	***1.3***	17300	0.78	***1.5***	17100	1.3	***2.4***	16700	2.5	***4.4***	15300	30500	
	1285.79	0.58	***0.99***	14700	0.70	***1.2***	14300	1.1	***1.7***	13300	2.3	***3.1***	12000	24200	
	1451.52	0.52	***1.2***	19400	0.62	***1.4***	18900	1.0	***2.0***	17500	2.0	***3.7***	15800	30500	
	1635.58	0.46	***0.83***	15700	0.55	***0.97***	15300	0.89	***1.5***	14300	1.8	***2.8***	13800	30500	
	1722.68	0.44	***0.77***	15300	0.52	***0.90***	14900	0.84	***1.4***	13900	1.7	***2.4***	12500	24200	
	2041.20	0.37	***0.69***	16200	0.44	***0.81***	15800	0.71	***1.2***	14700	1.4	***2.3***	13900	30500	

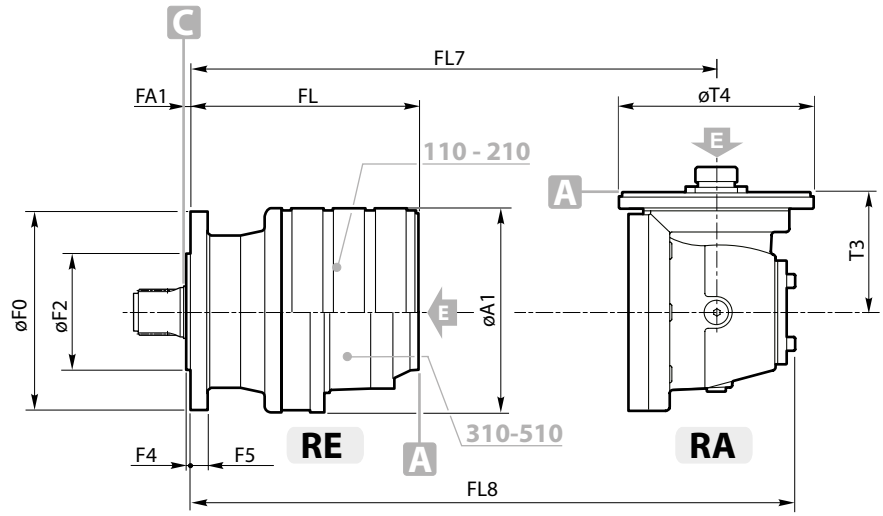


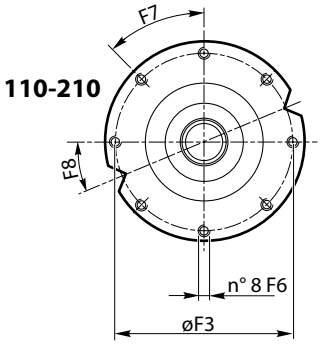
	RE - RA					
	110	210	310	510	610	810
S1	B40x36 DIN5482	B40x36 DIN5482	B58x53 DIN5482	B58x53 DIN5482	B58x53 DIN5482	B70x64 DIN5482
S2	30	30	37	37	37	51
S3	43	43	50	50	50	70
S4	5	5	8	8	8	10
S5	55	55	68.5	68.5	68.5	90
S6	42 f7	42 f7	60 f7	60 f7	60 f7	72 f7
S7	35 f7	35 f7	50 f7	50 f7	50 f7	62 f7
S8	24	24	32	32	32	40
S9	M6	M6	M10	M10	M10	M10
S10	13	13	20	20	20	22
S11	120°	120°	120°	120°	120°	120°

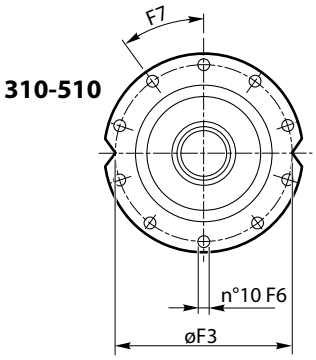
	RE - RA					
	110	210	310	510	610	810
Su1	A40x36 DIN5482	A40x36 DIN5482	A58x53 DIN5482	A58x53 DIN5482	A58x53 DIN5482	A70x64 DIN5482
Su2	Ø42 H7	Ø42 H7	Ø60 H7	Ø60 H7	Ø60 H7	Ø72 H7
Su3	6	6	7	7	7	11
Su4	6	6	10	10	10	10
Su5	20.5	20.5	25	25	25	29
Su6	Ø42 H7	Ø42 H7	Ø60 H7	Ø60 H7	Ø60 H7	Ø72 H7
Su7	49	49	69	69	69	80
Su8	Ø52	Ø52	Ø72	Ø72	Ø72	Ø80
Su9	1	1	1	1	1	1
Su10	1	1	1	1	1	1

		RE - RA					
	stages	110	210	310	510	610	810
A1		186	186	244	244	244	295
F0		185	185	222	222	222	280
F2		110 h7	110 h7	150 f7	150 f7	150 f7	200 f7
F3		165	165	195	195	195	250
F4		5	5	13.5	13.5	13.5	10.5
F5		12	12	16	16	16	18
F6		Ø10.5	Ø10.5	Ø12.5	Ø12.5	Ø12.5	Ø15
		M.. - 12.9					
		M10	M10	M12	M12	M12	M14
F7		45°	45°	36°	36°	36°	30°
F8		22.5°	22.5°	—	—	—	—
FA1		6.5	6.5	15	15	15	40
FL	1	95	107	133	151	151	162.5
	2	138	150	185.5	215.5	209.5	229.5
	3	181	193	228.5	258.5	262	282
	4	224	236	271.5	301.5	305	325
FL7	2	176	188	255	273	273	304.5
	3	219	231	266.5	296.5	331.5	351.5
	4	262	274	309.5	339.5	343	363
FL8	2	250.5	262.5	346	364	364	412.5
	3	293.5	305.5	341	371	422.5	442.5
	4	336.5	348.5	384	414	417.5	437.5
T3	2	113.8	113.8	171.5	171.5	171.5	277
	3	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
T4	2	184	184	183	183	183	242
	3	184	184	184	184	183	183
	4	184	184	184	184	184	184

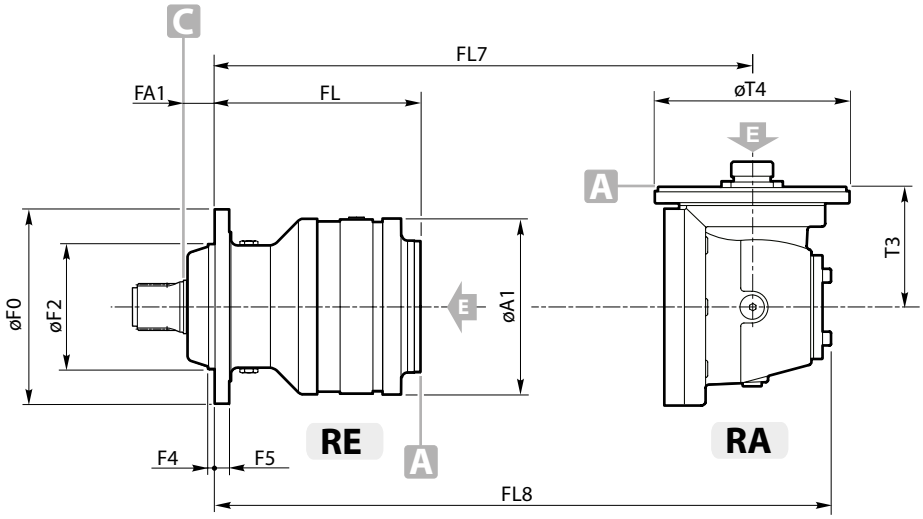
110 - 210
310 - 510

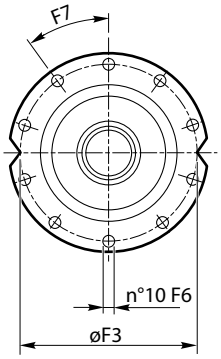




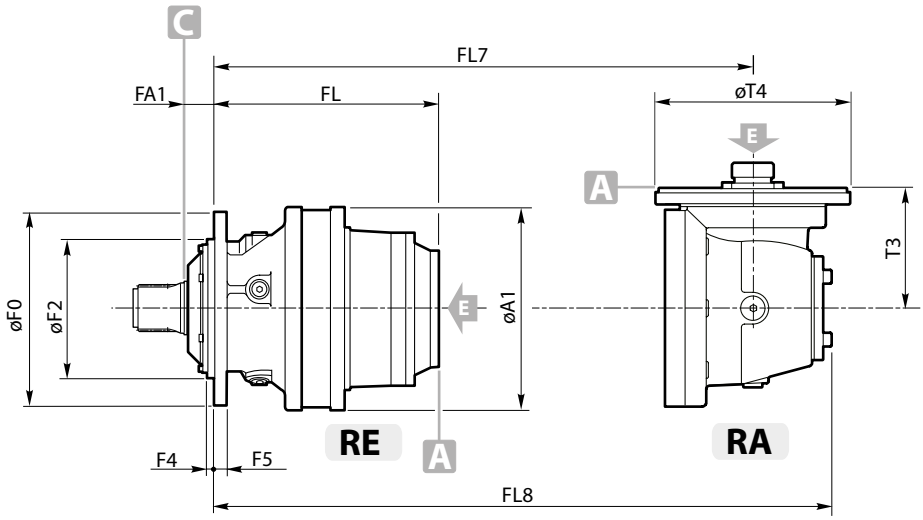


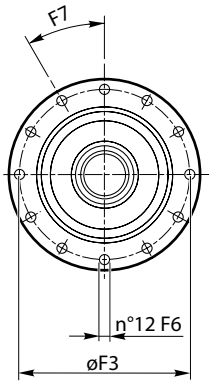
610

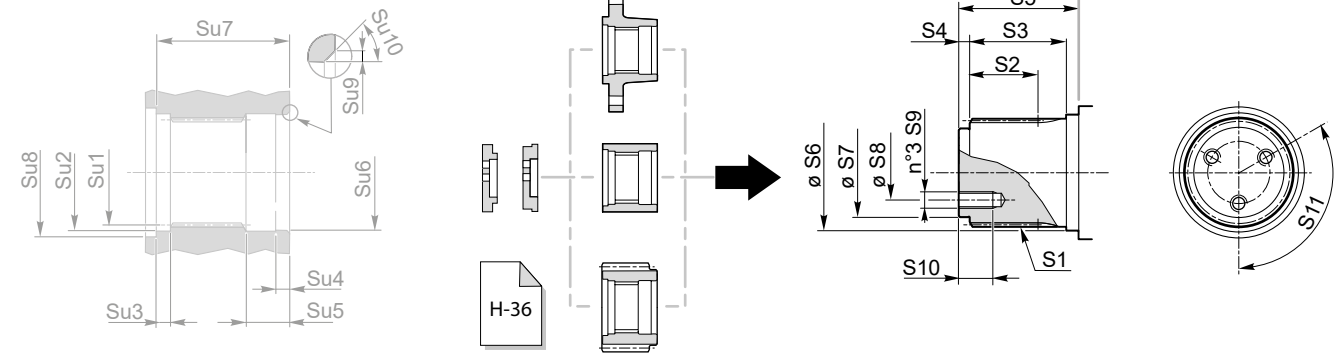




810





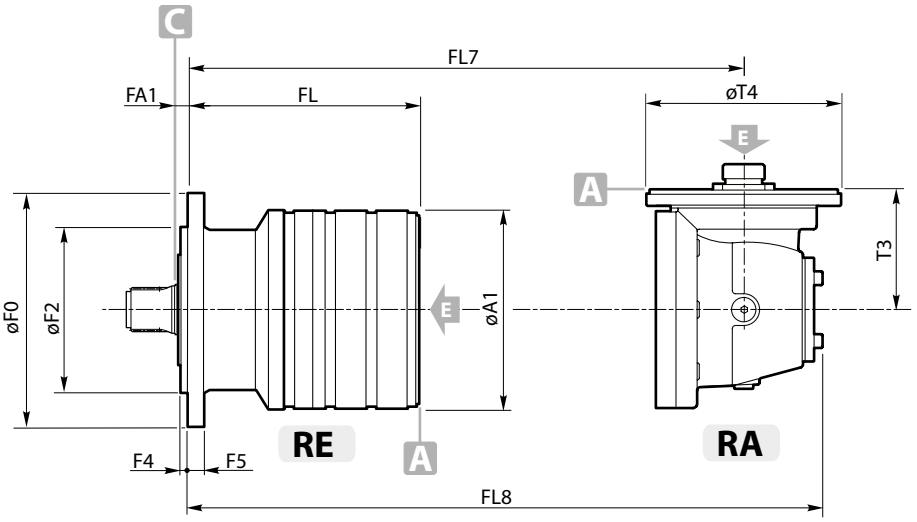


	RE - RA					
	110	210	240	310	510	610
Su1	A40x36 DIN5482	A40x36 DIN5482	A58x53 DIN5482	A58x53 DIN5482	A58x53 DIN5482	A58x53 DIN5482
Su2	42 H7	42 H7	60 H7	60 H7	60 H7	60 H7
Su3	7	7	7	7	7	7
Su4	6	6	10	10	10	10
Su5	20.5	20.5	25	25	25	25
Su6	42 H7	42 H7	60 H7	60 H7	60 H7	60 H7
Su7	62.5	62.5	69	69	69	69
Su8	51	51	72	72	72	72
Su9	1	1	1	1	1	1
Su10	1	1	1	1	1	1

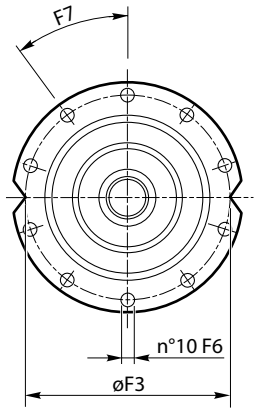
	RE - RA					
	110	210	240	310	510	610
S1	B40x36 DIN5482	B40x36 DIN5482	B58x53 DIN5482	B58x53 DIN5482	B58x53 DIN5482	B58x53 DIN5482
S2	35	35	37	46	46	46
S3	50	50	50	60	60	60
S4	7	7	8	8	8	8
S5	62	62	68.5	78	78	78
S6	42 f7	42 f7	60 f7	60 f7	60 f7	60 f7
S7	35 f7	35 f7	50 f7	50 f7	50 f7	50 f7
S8	24	24	32	32	32	32
S9	M6	M6	M10	M10	M10	M10
S10	13	13	20	20	20	20
S11	120°	120°	120°	120°	120°	120°

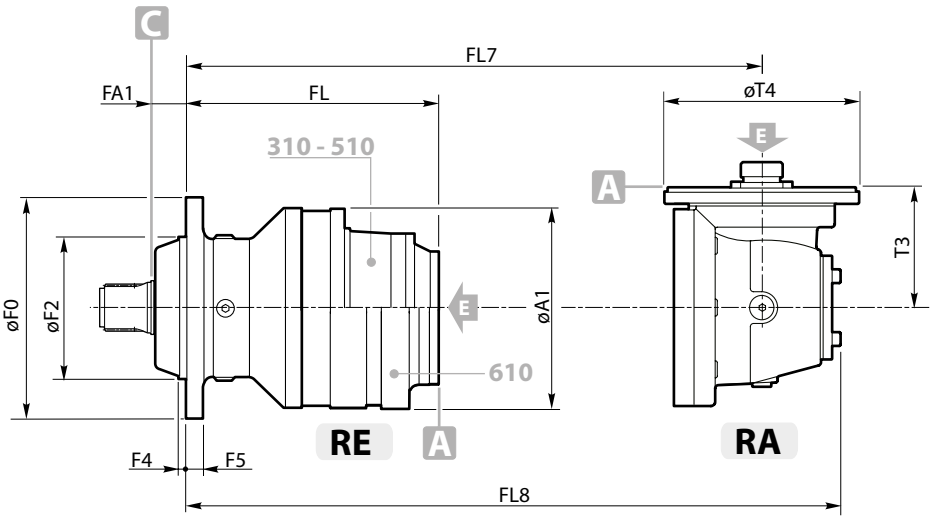
		RE - RA															
	stages	110				210				240		310		510		610	
		TS	T1S	TRS	TR1S	TS	T1S	TRS	TR1S	TS	TRS	TS	TLS	TS	TLS	TS	TLS
A1		186	186	186	186	186	186	186	186	186	186	244	244	244	244	244	244
F0		219	219	219	219	219	219	219	219	219	219	272	272	272	272	272	272
F2		155 h7	150 f7	155 h7	150 f7	155 h7	150 f7	155 h7	150 f7	150 f7	155 f7	175 h8	175 h8	175 h8	175 h8	175 h8	175 h8
F3		194	195	194	195	194	195	194	195	195	194	245	245	245	245	245	245
F4		7	7	10	10	7	7	10	10	7	10	12	9	12	9	12	9
F5		15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20
F6		Ø11	Ø13	Ø11	Ø13	Ø11	Ø13	Ø11	Ø13	Ø12.5	Ø11	Ø12.5	Ø12.5	Ø12.5	Ø12.5	Ø12.5	Ø12.5
		M.. - 12.9															
		M10	M12	M10	M12	M10	M12	M10	M12	M12	M10	M12	M12	M12	M12	M12	M12
F7		36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°
FA1		13	13	30	30	13	13	30	30	13	30	39	39	39	39	39	39
FL	1	102	102	85	85	114	114	97	97	114	97	157	157	175	175	175	175
	2	145	145	128	128	157	157	140	140	157	140	209.5	209.5	239.5	239.5	233.5	233.5
	3	188	188	171	171	200	200	183	183	200	183	252.5	252.5	282.5	282.5	286	286
	4	231	231	214	214	243	243	226	226	243	226	295.5	295.5	325.5	325.5	329	329
FL7	2	183	183	166	166	195	195	178	178	195	178	279	279	297	297	297	297
	3	226	226	209	209	238	238	221	221	238	221	290.5	290.5	320.5	320.5	355.5	355.5
	4	269	269	252	252	281	281	264	264	281	264	333.5	333.5	363.5	363.5	367	367
FL8	2	257.5	257.5	240.5	240.5	269.5	269.5	252.5	252.5	269.5	252.5	370	370	388	388	388	388
	3	300.5	300.5	283.5	283.5	312.5	312.5	295.5	295.5	312.5	295.5	365	365	395	395	446.5	446.5
	4	343.5	343.5	326.5	326.5	355.5	355.5	338.5	338.5	355.5	338.5	408	408	438	438	441.5	441.5
T3	2	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	171.5	171.5	171.5	171.5	171.5	171.5
	3	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	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	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8	113.8
T4	2	184	184	184	184	184	184	184	184	184	184	183	183	183	183	183	183
	3	184	184	184	184	184	184	184	184	184	184	184	184	184	184	183	183
	4	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184

S

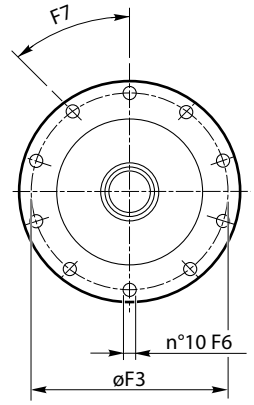


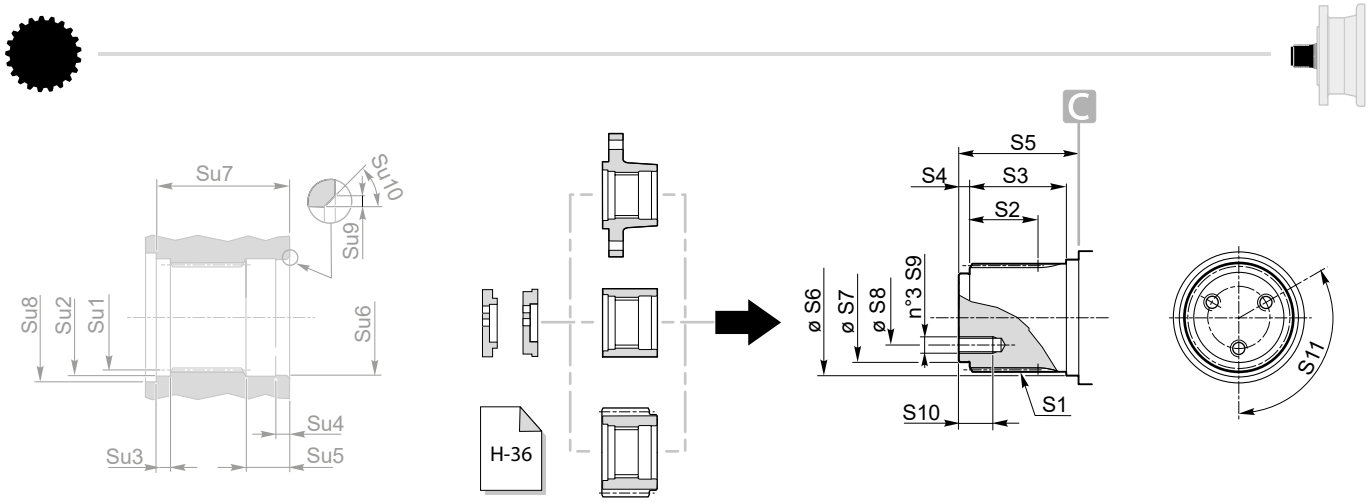
110 ÷ 240





310 - 510
610



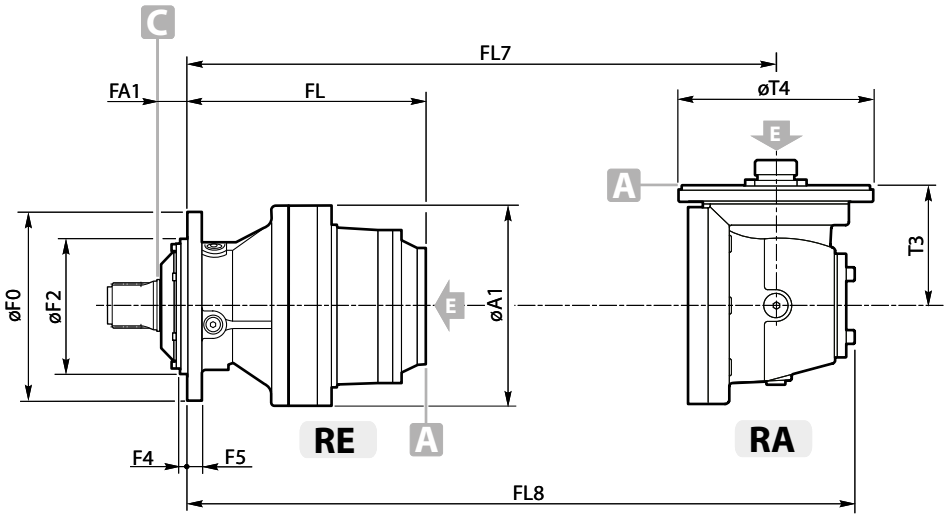


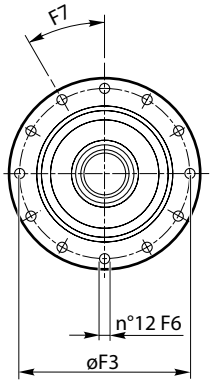
	RE - RA			
	810	1020	1520	2000 2000L
S1	B70x64 DIN5482	B80x74 DIN5482	B80x74 DIN5482	B80x74 DIN5482
S2	51	50	50	50
S3	70	70	70	70
S4	10	10	10	10
S5	90	90	90	90
S6	72 f7	85 f7	85 f7	85 f7
S7	62 f7	70 f7	70 f7	70 f7
S8	40	45	45	45
S9	M10	M10	M10	M10
S10	22	25	25	25
S11	120°	120°	120°	120°

	RE - RA			
	810	1020	1520	2000 2000L
Su1	A70x64 DIN5482	A80x74 DIN5482	A80x74 DIN5482	A80x74 DIN5482
Su2	72 H7	85 H7	85 H7	85 H7
Su3	10	10.5	10.5	10.5
Su4	11	10.5	10.5	10.5
Su5	29	30.5	30.5	30.5
Su6	72 H7	85 H7	85 H7	85 H7
Su7	90	90.5	90.5	90.5
Su8	82	100	100	100
Su9	1	1	1	1
Su10	1	1	1	1

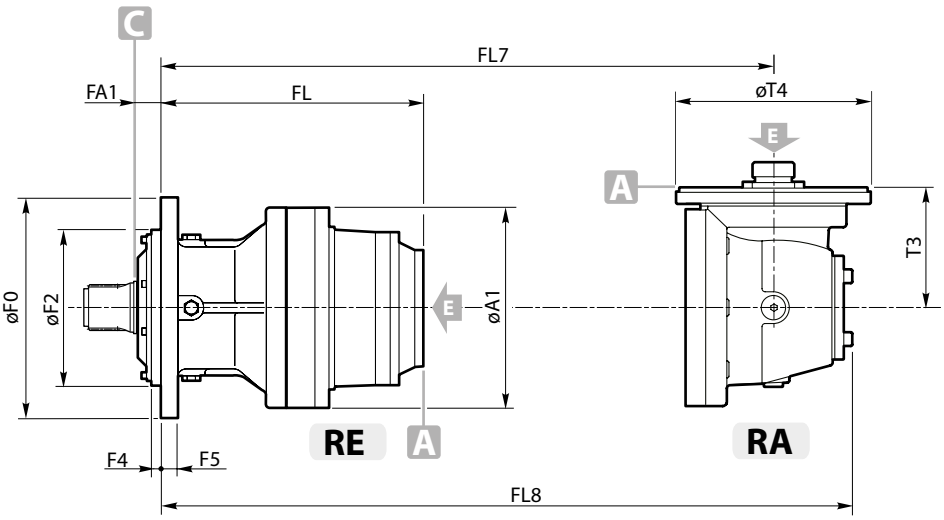
		RE - RA				
	stages	810	1020	1520	2000	2000L
A1		295	295	350	350	350
F0		280	325	325	325	325
F2		200 f7	230 f7	230 f7	230 f7	230 f7
F3		250	295	295	295	295
F4		10.5	15	15	15	15
F5		22	25	28	28	28
F6		Ø15	Ø17	Ø17	Ø17	Ø17
		M.. - 12.9				
		M14	M16	M16	M16	M16
F7		30°	36°	36°	36°	36°
FA1		40	36	36	36	36
FL	1	185	237	240	240	240
	2	252	322	333	333	333
	3	304.5	386.5	397.5	391.5	397.5
	4	347.5	429.5	440	444	440
FL7	2	326.5	379	446	446	446
	3	374	444	455	455	455
	4	385.5	467.5	478.5	513.5	478.5
FL8	2	435	487	574	574	574
	3	465	535	546	546	546
	4	460	542	553	604.5	553
T3	2	277	277	310	310	310
	3	171.5	171.5	171.5	171.5	171.5
	4	113.8	113.8	113.8	171.5	113.8
T4	2	242	242	293	293	293
	3	183	183	183	183	183
	4	184	184	184	183	184

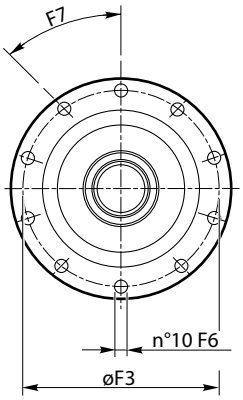
810

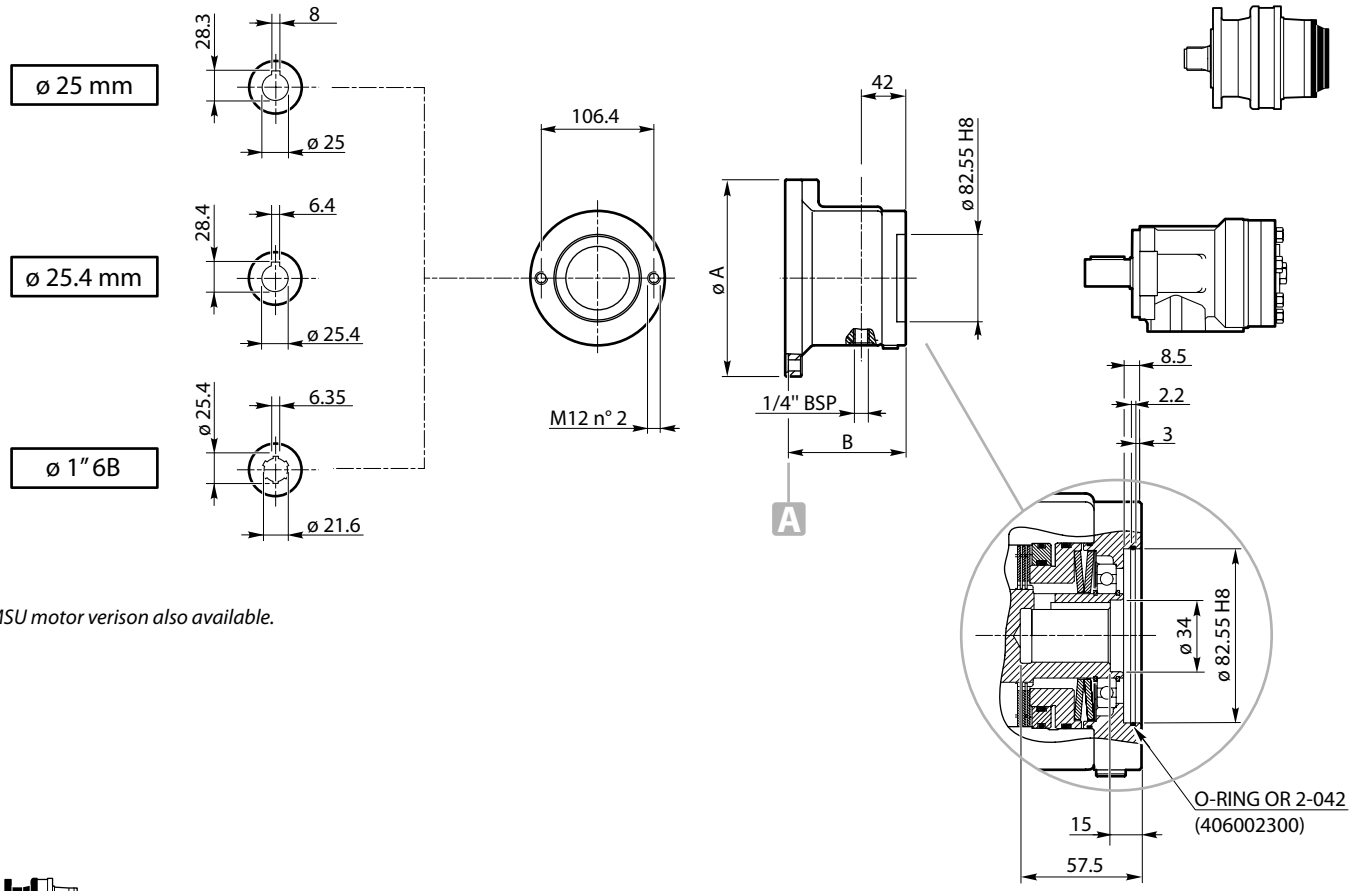




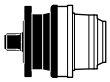
1020 - 1520
2000 - 2000L







OMSU motor verison also available.



	ø A	B		F 01	F 10	F 11	F 12	F 13	F 14	F 05	F 16	
RE 111 - 112 - 113 - 114 **RE 211 - 212 - 213 - 214** **RE 241 - 242 - 243 - 244** **RE 312 - 313 - 314** **RE 512 - 513 - 514** **RE 613 - 614** **RE 813 - 814** **RE 1023 - 1024** **RE 1523 - 1524** **RE 2004** **RE 2524** **RE 3004** **RE 3514-4804** **RE 6004L** **RE 8005 - 8005L** **GB 12015 - 12015L** **GB 16005 - 16005L** **CC30-CC120**	186	109.5	**Tb** (Nm)	132	133	182	235	332	468	530	608	±5%
			pb (bar)	23	29	34	26	30	36	39	42	
			p max (bar)	300								
			n1 max (RPM)	700								

	ø A	B		F 02	F 20	F 21	F 22	F 23	F 24	F 25	F 26	
RE 311-511 **RE 611 - 612** **RE 812-1022** **RE 1522-2003** **RE 2523-3003** **RE 3513-4803** **RE 6003 - 6003L** **RE 6004 - 6004L** **RE 8004 - 8004L** **GB 12014 - 12014L** **GB 16004 - 16004L** **GB 21004 - 21005** **GB 26005-31005** **GB 40005-45005** **GB 53005** **CC350**	244	118.5	**Tb** (Nm)	132	133	182	235	332	468	530	608	±5%
			pb (bar)	23	29	34	26	30	36	39	42	
			p max (bar)	300								
			n1 max (RPM)	700								