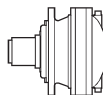
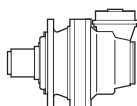


i _{eff}										T _{2max} [Nm]	P _T [kW]
	1500			1000			500				
	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]		
EM 1010											
3.38	444	410	19.1	296	463	14.4	148	570	8.8	1600	12
4.39	342	431	15.4	228	487	11.6	114	600	7.2	1600	
6.00	250	412	10.8	167	453	7.9	83	510	4.5	1600	
6.94	216	387	8.8	144	407	6.2	72	457	3.5	1600	
10.50	143	206	3.1	95	213	2.1	47.6	224	1.1	1600	
ED 2010											
11.42	131	591	8.1	88	667	6.1	43.8	821	3.8	1600	8
14.84	101	639	6.8	67	722	5.1	33.7	889	3.1	1600	
19.27	78	672	5.5	52	759	4.1	25.9	816	2.2	1600	
20.28	74	702	5.4	49.3	793	4.1	24.7	916	2.4	1600	
23.46	64	733	4.9	42.6	828	3.7	21.3	921	2.1	1600	
26.34	57	738	4.4	38.0	803	3.2	19.0	825	1.6	1600	
30.47	49.2	771	4.0	32.8	808	2.8	16.4	829	1.4	1600	
36.00	41.7	561	2.4	27.8	589	1.7	13.9	636	0.93	1600	
41.64	36.0	571	2.2	24.0	599	1.5	12.0	646	0.81	1600	
48.16	31.1	512	1.7	20.8	537	1.2	10.4	581	0.63	1600	
ET 3010											
65.14	23.0	918	2.2	15.4	931	1.5	7.7	952	0.77	1600	5
68.55	21.9	920	2.1	14.6	933	1.4	7.3	954	0.73	1600	
79.29	18.9	925	1.8	12.6	937	1.2	6.3	958	0.63	1600	
89.03	16.8	928	1.6	11.2	941	1.1	5.6	961	0.57	1600	
103.0	14.6	933	1.4	9.7	945	1.0	4.9	966	0.49	1600	
115.6	13.0	836	1.1	8.6	847	0.77	4.3	865	0.39	1600	
121.7	12.3	938	1.2	8.2	950	0.82	4.1	970	0.42	1600	
140.7	10.7	943	1.1	7.1	955	0.71	3.6	975	0.36	1600	
162.8	9.2	947	0.91	6.1	959	0.62	3.1	979	0.32	1600	
182.8	8.2	848	0.73	5.5	859	0.49	2.7	877	0.25	1600	
211.4	7.1	852	0.63	4.7	863	0.43	2.4	880	0.22	1600	
216.0	6.9	684	0.50	4.6	732	0.36	2.3	799	0.19	1600	
246.3	6.1	959	0.61	4.1	971	0.41	2.0	990	0.21	1600	
276.6	5.4	859	0.49	3.6	870	0.33	1.8	887	0.17	1600	
319.9	4.7	863	0.42	3.1	873	0.29	1.6	900	0.15	1600	
372.6	4.0	824	0.35	2.7	846	0.24	1.3	883	0.12	1600	
378.0	4.0	759	0.32	2.6	796	0.22	1.3	854	0.12	1600	
437.2	3.4	786	0.28	2.3	800	0.19	1.1	873	0.11	1600	
484.0	3.1	874	0.28	2.1	884	0.19	1.0	961	0.10	1600	
661.5	2.3	800	0.19	1.5	836	0.13	0.76	930	0.07	1600	
765.1	2.0	772	0.16	1.3	823	0.11	0.65	915	0.06	1600	



i _{eff}										T _{2max} [Nm]	P _T [kW]
	1500			1000			500				
	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]	n ₂ [rpm]	T ₂ [Nm]	P ₂ [kW]		
EM 1010											
3.38	444	724	33.7	296	810	25.1	148	877	13.6	1600	12
4.39	342	707	25.3	228	750	17.9	114	800	9.5	1600	
6.00	250	522	13.7	167	565	9.9	83	628	5.5	1600	
6.94	216	476	10.8	144	512	7.7	72	567	4.3	1600	
10.50	143	232	3.5	95	240	2.4	47.6	252	1.3	1600	
ED 2010											
11.42	131	886	12.2	88	911	8.4	43.8	944	4.3	1600	8
14.84	101	903	9.6	67	925	6.5	33.7	955	3.4	1600	
19.27	78	819	6.7	52	837	4.5	25.9	861	2.3	1600	
20.28	74	920	7.1	49.3	939	4.9	24.7	966	2.5	1600	
23.46	64	927	6.2	42.6	945	4.2	21.3	971	2.2	1600	
26.34	57	833	5.0	38.0	848	3.4	19.0	871	1.7	1600	
30.47	49.2	839	4.3	32.8	853	2.9	16.4	875	1.5	1600	
36.00	41.7	684	3.0	27.8	745	2.2	13.9	799	1.2	1600	
41.64	36.0	698	2.6	24.0	772	1.9	12.0	811	1.0	1600	
48.16	31.1	628	2.0	20.8	696	1.5	10.4	799	0.87	1600	
ET 3010											
65.14	23.0	969	2.3	15.4	982	1.6	7.7	1027	0.83	1600	5
68.55	21.9	971	2.2	14.6	984	1.5	7.3	1036	0.79	1600	
79.29	18.9	976	1.9	12.6	989	1.3	6.3	1060	0.70	1600	
89.03	16.8	979	1.7	11.2	993	1.2	5.6	1080	0.64	1600	
103.0	14.6	984	1.5	9.7	997	1.0	4.9	1105	0.56	1600	
115.6	13.0	882	1.2	8.6	925	0.84	4.3	1032	0.47	1600	
121.7	12.3	990	1.3	8.2	1016	0.88	4.1	1134	0.49	1600	
140.7	10.7	994	1.1	7.1	1040	0.77	3.6	1160	0.43	1600	
162.8	9.2	999	0.96	6.1	1064	0.69	3.1	1186	0.38	1600	
182.8	8.2	932	0.80	5.5	994	0.57	2.7	1107	0.32	1600	
211.4	7.1	954	0.71	4.7	1017	0.50	2.4	1132	0.28	1600	
216.0	6.9	884	0.64	4.6	942	0.46	2.3	1045	0.25	1600	
246.3	6.1	1066	0.68	4.1	1136	0.48	2.0	1263	0.27	1600	
276.6	5.4	996	0.57	3.6	1061	0.40	1.8	1178	0.22	1600	
319.9	4.7	1019	0.50	3.1	1085	0.36	1.6	1204	0.20	1600	
372.6	4.0	957	0.40	2.7	1018	0.29	1.3	1131	0.16	1600	
378.0	4.0	964	0.40	2.6	1025	0.28	1.3	1135	0.16	1600	
437.2	3.4	985	0.35	2.3	1047	0.25	1.1	1160	0.14	1600	
484.0	3.1	1086	0.35	2.1	1155	0.25	1.0	1281	0.14	1600	
661.5	2.3	1049	0.25	1.5	1113	0.18	0.76	1231	0.10	1600	
765.1	2.0	1032	0.21	1.3	1095	0.15	0.65	1211	0.08	1600	



i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		

EC 2010 - PDA 2010

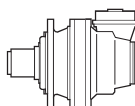
10.14	148	331	5.1	99	374	3.9	49.3	460	2.4	1600	5
13.17	114	430	5.1	76	486	3.9	38.0	598	2.4	1600	
16.53	91	330	3.1	61	373	2.4	30.3	459	1.5	1600	
18.00	83	510	4.5	56	540	3.1	27.8	589	1.7	1600	
21.47	70	429	3.1	46.6	485	2.4	23.3	597	1.5	1600	
29.34	51	546	2.9	34.1	575	2.1	17.0	622	1.1	1600	
33.94	44.2	489	2.3	29.5	515	1.6	14.7	559	0.86	1600	
40.68	36.9	524	2.0	24.6	592	1.5	12.3	645	0.83	1600	
47.05	31.9	510	1.7	21.3	536	1.2	10.6	580	0.65	1600	

EC 3010 - PDA 3010

34.27	43.8	821	3.8	29.2	910	2.8	14.6	933	1.4	1600	4
44.51	33.7	889	3.1	22.5	919	2.2	11.2	941	1.1	1600	
55.87	26.9	913	2.6	17.9	926	1.7	9.0	948	0.89	1600	
60.84	24.7	916	2.4	16.4	929	1.6	8.2	950	0.82	1600	
72.56	20.7	922	2.0	13.8	935	1.4	6.9	955	0.69	1600	
77.46	19.4	924	1.9	12.9	937	1.3	6.5	957	0.65	1600	
91.40	16.4	829	1.4	10.9	841	0.96	5.5	859	0.49	1600	
99.17	15.1	932	1.5	10.1	944	1.0	5.0	965	0.51	1600	
114.7	13.1	936	1.3	8.7	949	0.87	4.4	969	0.44	1600	
128.8	11.6	839	1.0	7.8	850	0.69	3.9	868	0.35	1600	
137.5	10.9	942	1.1	7.3	954	0.73	3.6	974	0.37	1600	
159.0	9.4	946	0.94	6.3	958	0.63	3.1	978	0.32	1600	
173.5	8.6	785	0.71	5.8	806	0.49	2.9	842	0.25	1600	
206.6	7.3	852	0.65	4.8	862	0.44	2.4	880	0.22	1600	
225.4	6.7	854	0.60	4.4	864	0.40	2.2	882	0.21	1600	
240.6	6.2	801	0.52	4.2	823	0.36	2.1	859	0.19	1600	
282.3	5.3	708	0.39	3.5	780	0.29	1.8	815	0.15	1600	
312.5	4.8	862	0.43	3.2	873	0.29	1.6	896	0.15	1600	
356.3	4.2	650	0.29	2.8	718	0.21	1.4	813	0.12	1600	
427.1	3.5	782	0.29	2.3	799	0.20	1.2	870	0.11	1600	
494.1	3.0	704	0.22	2.0	769	0.16	1.0	856	0.09	1600	

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150.5	10.0	945	0.99	6.6	957	0.67	3.3	976	0.34	1600	2.2
188.8	7.9	951	0.79	5.3	963	0.53	2.6	983	0.27	1600	
205.6	7.3	954	0.73	4.9	966	0.49	2.4	985	0.25	1600	
261.8	5.7	961	0.58	3.8	973	0.39	1.9	992	0.20	1600	
267.1	5.6	961	0.57	3.7	973	0.38	1.9	993	0.20	1600	
318.5	4.7	967	0.48	3.1	978	0.32	1.6	998	0.16	1600	
359.9	4.2	970	0.42	2.8	982	0.29	1.4	1001	0.15	1600	
387.7	3.9	972	0.39	2.6	984	0.27	1.3	1011	0.14	1600	
441.6	3.4	976	0.35	2.3	987	0.23	1.1	1032	0.12	1600	
503.6	3.0	980	0.31	2.0	991	0.21	0.99	1054	0.11	1600	
537.6	2.8	981	0.29	1.9	993	0.19	0.93	1065	0.10	1600	
638.8	2.3	986	0.24	1.6	998	0.16	0.78	1094	0.09	1600	
688.2	2.2	988	0.23	1.5	1000	0.15	0.73	1106	0.08	1600	
813.3	1.8	993	0.19	1.2	1019	0.13	0.61	1135	0.07	1600	
893.9	1.7	890	0.16	1.1	949	0.11	0.56	1057	0.06	1600	
1056	1.4	1001	0.15	0.95	1062	0.11	0.47	1182	0.06	1600	
1104	1.4	1003	0.14	0.91	1069	0.10	0.45	1190	0.06	1600	
1204	1.2	1017	0.13	0.83	1084	0.09	0.42	1206	0.05	1600	
1444	1.0	1046	0.11	0.69	1115	0.08	0.35	1239	0.05	1600	
1670	0.90	1070	0.10	0.60	1140	0.07	0.30	1267	0.04	1600	
1822	0.82	914	0.08	0.55	972	0.06	0.27	1080	0.03	1600	
1959	0.77	929	0.07	0.51	987	0.05	0.26	1094	0.03	1600	
2169	0.69	1023	0.07	0.46	1088	0.05	0.23	1208	0.03	1600	
2527	0.59	961	0.06	0.40	1022	0.04	0.20	1135	0.02	1600	
2964	0.51	989	0.05	0.34	1050	0.04	0.17	1163	0.02	1600	
3282	0.46	1090	0.05	0.30	1158	0.04	0.15	1284	0.02	1600	



i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		

EC 2010 - PDA 2010

10.14	148	585	9.1	99	661	6.8	49.3	814	4.2	1600	5
13.17	114	760	9.1	76	820	6.5	38.0	848	3.4	1600	
16.53	91	584	5.6	61	659	4.2	30.3	812	2.6	1600	
18.00	83	628	5.5	56	661	3.9	27.8	745	2.2	1600	
21.47	70	759	5.6	46.6	841	4.1	23.3	865	2.1	1600	
29.34	51	668	3.6	34.1	708	2.5	17.0	794	1.4	1600	
33.94	44.2	603	2.8	29.5	637	2.0	14.7	757	1.2	1600	
40.68	36.9	694	2.7	24.6	768	2.0	12.3	808	1.0	1600	
47.05	31.9	626	2.1	21.3	692	1.5	10.6	796	0.89	1600	

EC 3010 - PDA 3010

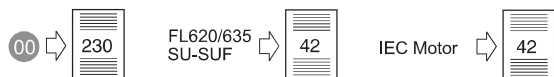
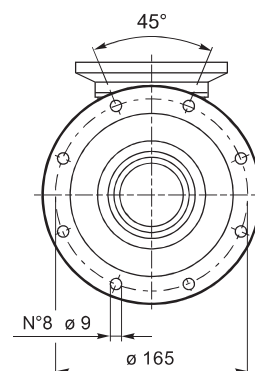
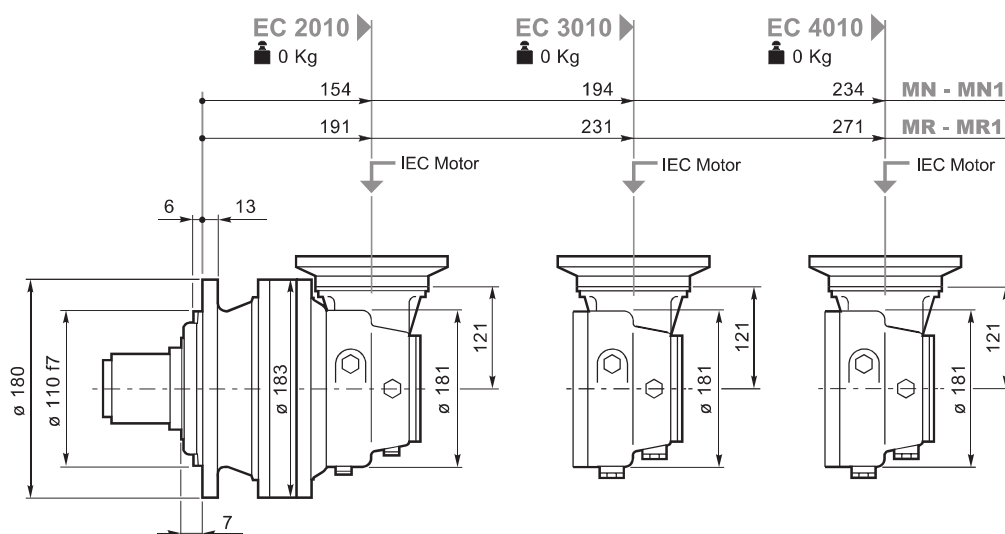
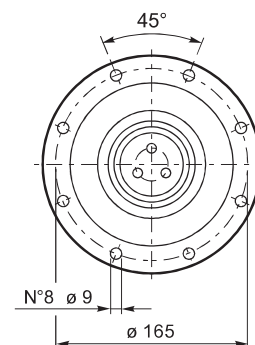
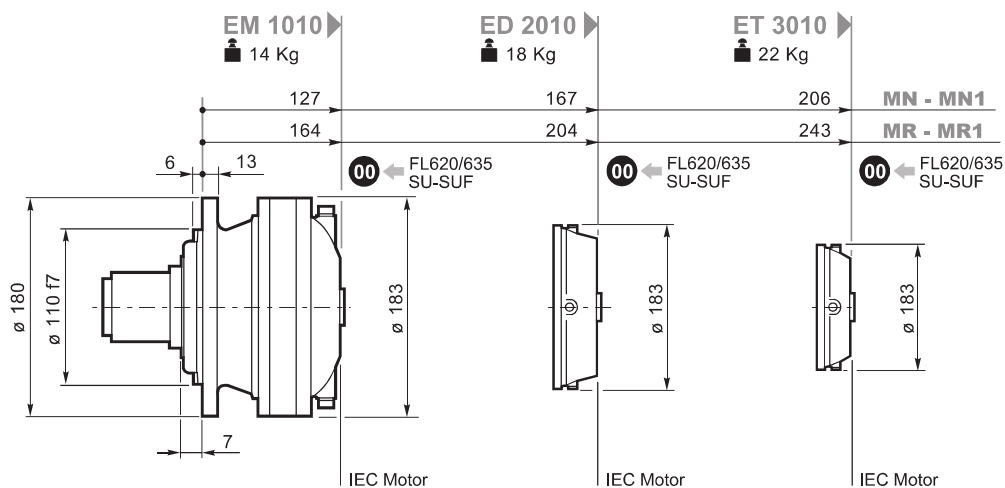
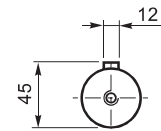
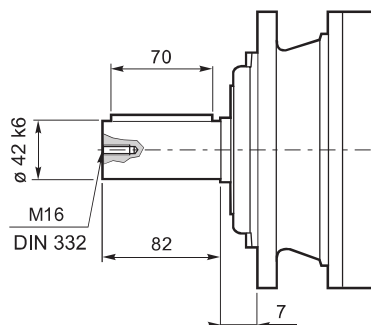
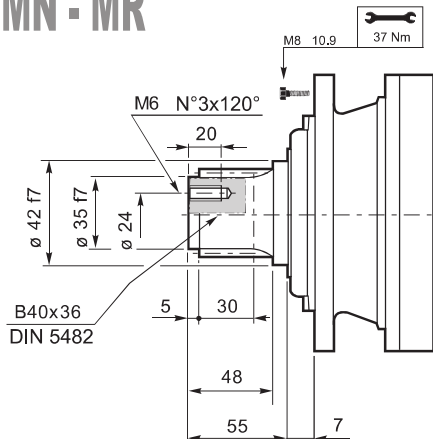
34.27	43.8	944	4.3	29.2	960	2.9	14.6	984	1.5	1600	4
44.51	33.7	955	3.4	22.5	970	2.3	11.2	993	1.2	1600	
55.87	26.9	963	2.7	17.9	977	1.8	9.0	1002	0.94	1600	
60.84	24.7	966	2.5	16.4	980	1.7	8.2	1016	0.88	1600	
72.56	20.7	972	2.1	13.8	986	1.4	6.9	1045	0.76	1600	
77.46	19.4	975	2.0	12.9	988	1.3	6.5	1056	0.71	1600	
91.40	16.4	875	1.5	10.9	890	1.0	5.5	994	0.57	1600	
99.17	15.1	983	1.6	10.1	996	1.1	5.0	1098	0.58	1600	
114.7	13.1	988	1.4	8.7	1006	0.92	4.4	1123	0.51	1600	
128.8	11.6	885	1.1	7.8	941	0.77	3.9	1049	0.43	1600	
137.5	10.9	993	1.1	7.3	1036	0.79	3.6	1155	0.44	1600	
159.0	9.4	998	0.99	6.3	1061	0.70	3.1	1182	0.39	1600	
173.5	8.6	881	0.80	5.8	905	0.55	2.9	1007	0.30	1600	
206.6	7.3	951	0.72	4.8	1014	0.51	2.4	1128	0.29	1600	
225.4	6.7	964	0.67	4.4	1028	0.48	2.2	1143	0.27	1600	
240.6	6.2	900	0.59	4.2	952	0.41	2.1	1058	0.23	1600	
282.3	5.3	922	0.51	3.5	981	0.36	1.8	1088	0.20	1600	
312.5	4.8	1015	0.51	3.2	1081	0.36	1.6	1200	0.20	1600	
356.3	4.2	919	0.41	2.8	978	0.29	1.4	1084	0.16	1600	
427.1	3.5	982	0.36	2.3	1044	0.26	1.2	1156	0.14	1600	
494.1	3.0	966	0.31	2.0	1027	0.22	1.0	1137	0.12	1600	

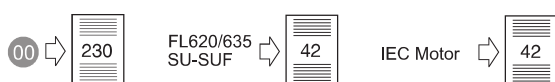
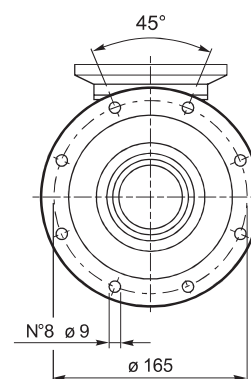
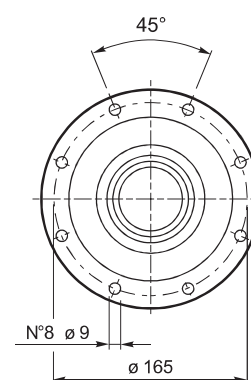
EC 4010 - PDA 4010

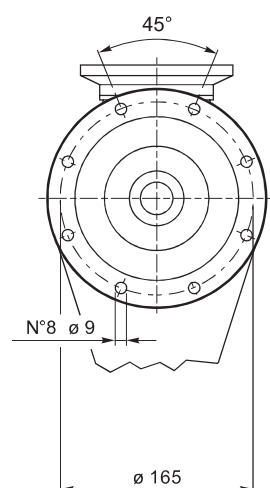
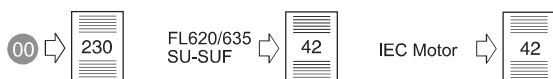
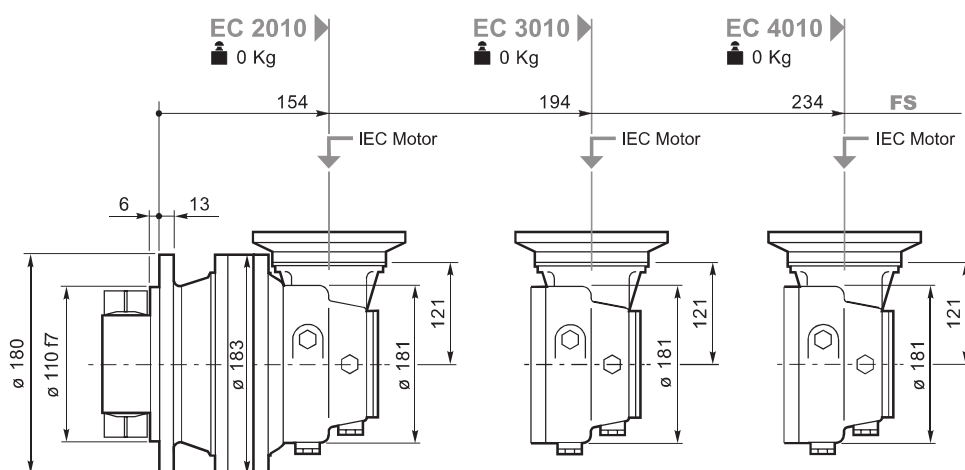
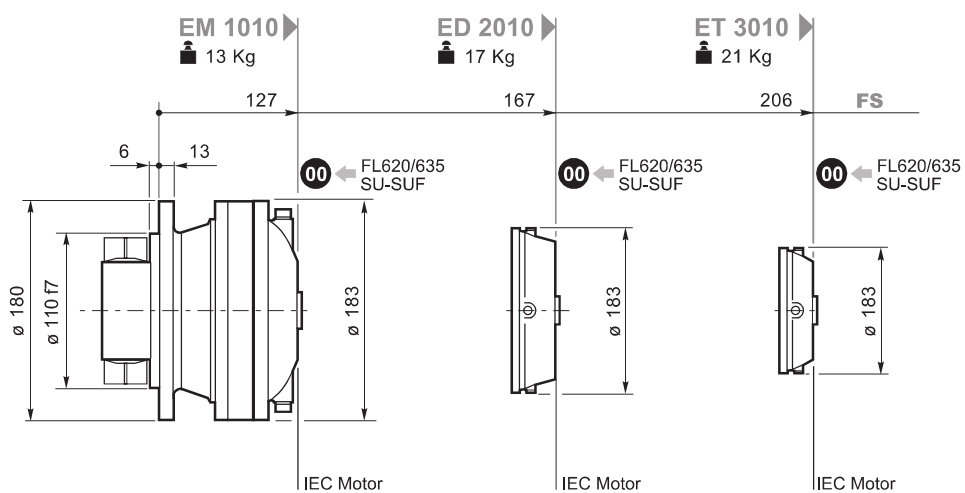
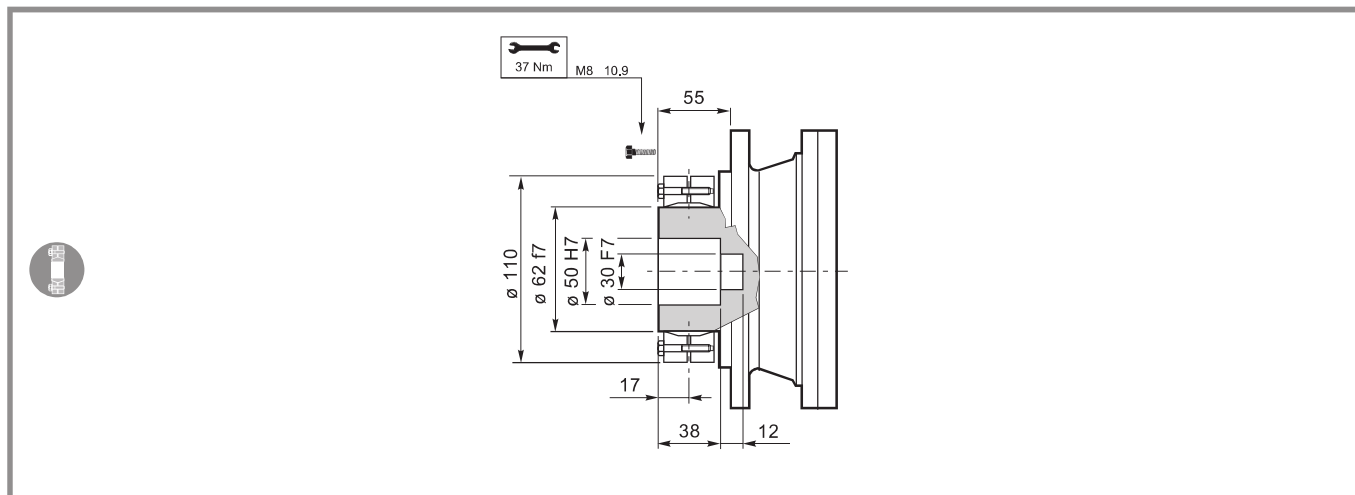
150.5	10.0	996	1.0	6.6	1051	0.73	3.3	1172	0.41	1600	2.2
188.8	7.9	1022	0.85	5.3	1090	0.61	2.6	1213	0.34	1600	
205.6	7.3	1036	0.79	4.9	1104	0.56	2.4	1229	0.31	1600	
261.8	5.7	1076	0.65	3.8	1147	0.46	1.9	1275	0.26	1600	
267.1	5.6	1080	0.64	3.7	1150	0.45	1.9	1279	0.25	1600	
318.5	4.7	1110	0.55	3.1	1182	0.39	1.6	1313	0.22	1600	
359.9	4.2	1131	0.49	2.8	1204	0.35	1.4	1337	0.20	1600	
387.7	3.9	1144	0.46	2.6	1218	0.33	1.3	1352	0.18	1600	
441.6	3.4	1168	0.42	2.3	1242	0.30	1.1	1378	0.16	1600	
503.6	3.0	1192	0.37	2.0	1267	0.26	0.99	1405	0.15	1600	
537.6	2.8	1204	0.35	1.9	1280	0.25	0.93	1419	0.14	1600	
638.8	2.3	1236	0.30	1.6	1313	0.22	0.78	1455	0.12	1600	
688.2	2.2	1250	0.29	1.5	1328	0.20	0.73	1471	0.11	1600	
813.3	1.8	1282	0.25	1.2	1362	0.18	0.61	1507	0.10	1600	
893.9	1.7	1192	0.21	1.1	1266	0.15	0.56	1400	0.08	1600	
1056	1.4	1333	0.20	0.95	1415	0.14	0.47	1565	0.08	1600	
1104	1.4	1341	0.19	0.91	1424	0.14	0.45	1575	0.08	1600	
1204	1.2	1359	0.18	0.83	1443	0.13	0.42	1595	0.07	1600	
1444	1.0	1396	0.15	0.69	1481	0.11	0.35	1637	0.06	1600	
1670	0.90	1426	0.13	0.60	1513	0.10	0.30	1671	0.05	1600	
1822	0.82	1218	0.11	0.55	1311	0.08	0.27	1575	0.05	1600	
1959	0.77	1229	0.10	0.51	1302	0.07	0.26	1436	0.04	1600	
2169	0.69	1358	0.10	0.46	1440	0.07	0.23	1589	0.04	1600	
2527	0.59	1283	0.08	0.40	1432	0.06	0.20	1709	0.04	1600	
2964	0.51	1304	0.07	0.34	1381	0.05	0.17	1521	0.03	1600	
3282	0.46	1442	0.07	0.30	1528	0.05	0.15	1600	0.03	1600	

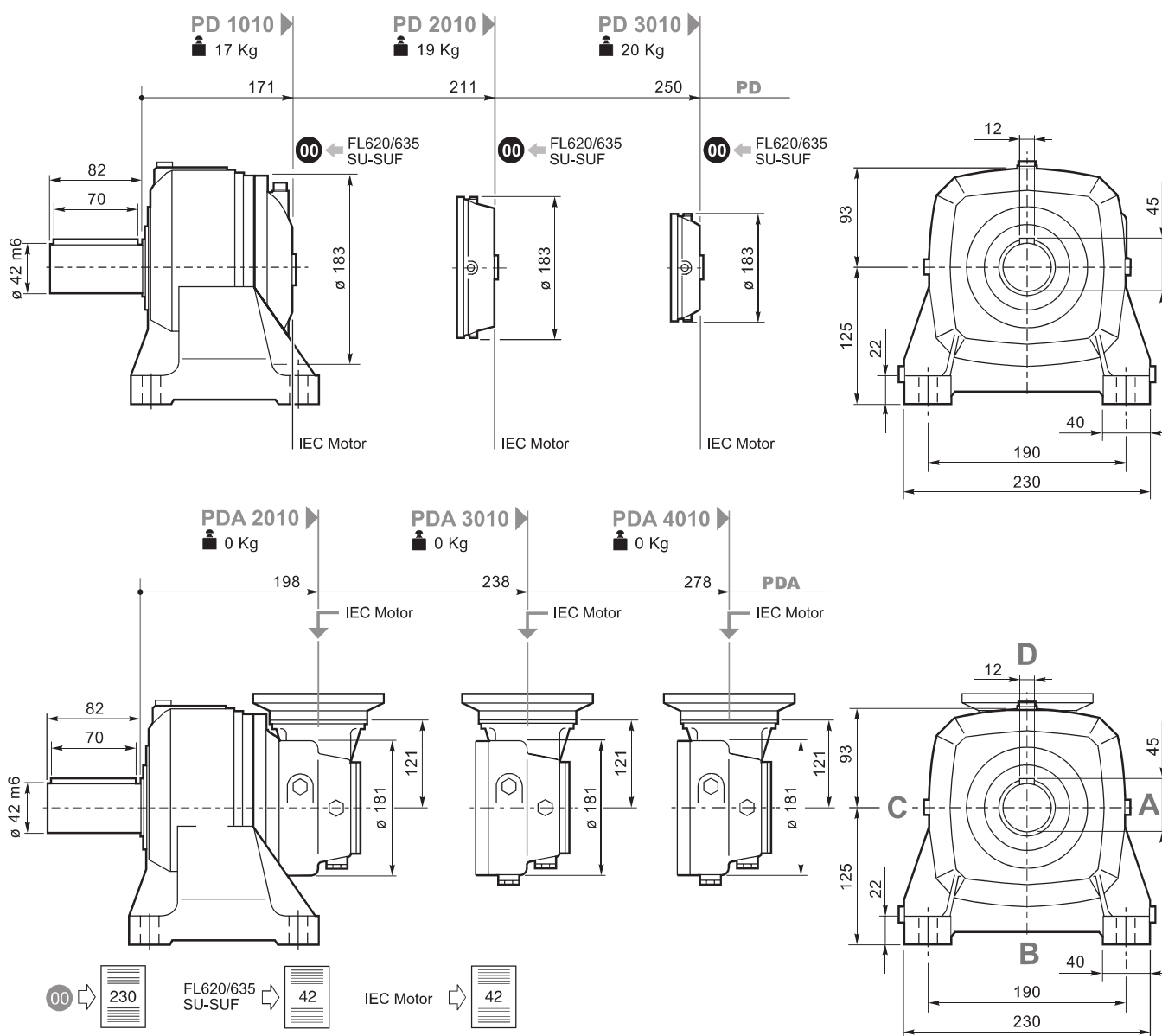
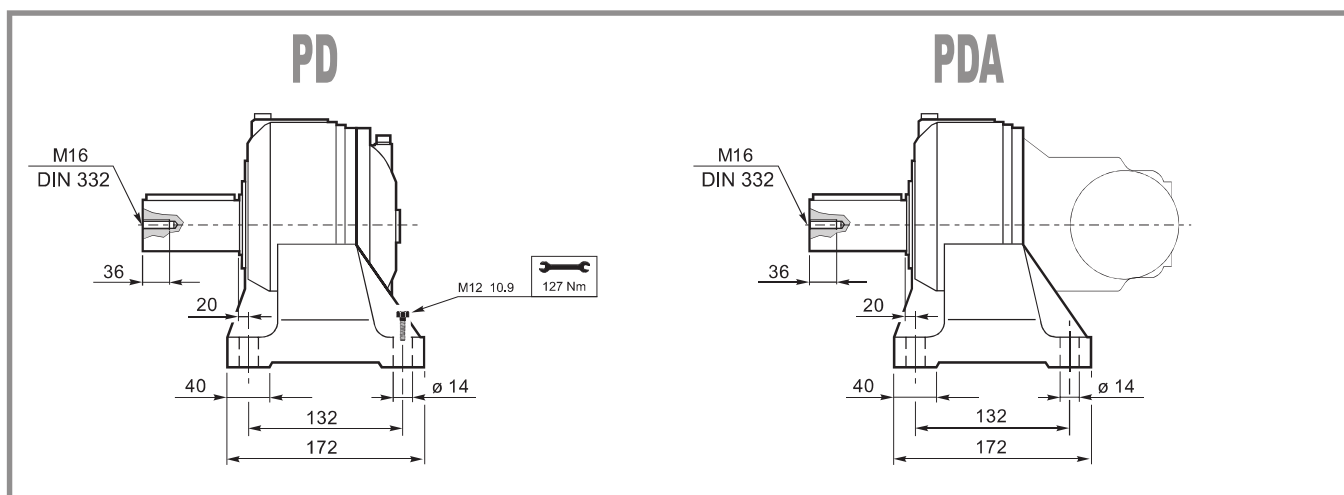
MN - MR

MN1 - MR1

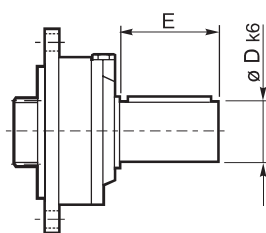




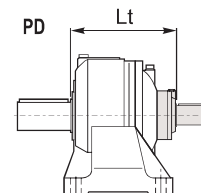
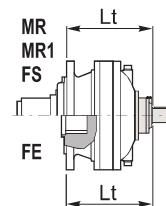




SU2

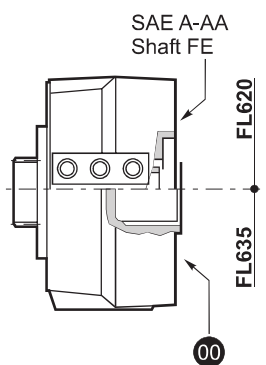


	D k6	E		Lt		
				MN-MN1 FE-FS	MR MR1	PD
SU 2	40	58	EM1010	187	224	231
			ED2010	227	264	271
			ET3010	266	303	310

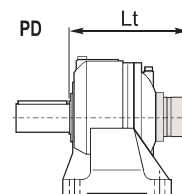
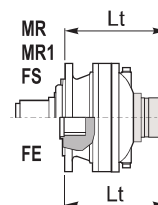


FL620.10 - FL635.10

FL620.U - FL635.U

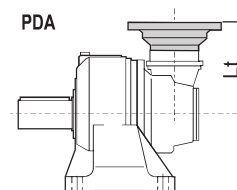
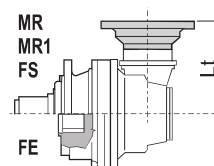
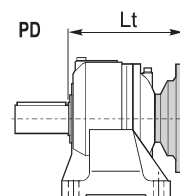
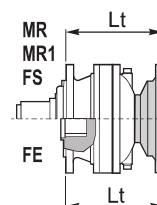


		Lt		
		MN-MN1-FE-FS	MR-MR1	PD
FL620.U	EM 1010	231.5	268.5	275.5
	ED 2010	271.5	308.5	315.5
	ET 3010	310.5	347.5	354.5
FL635.U	EM 1010	218	255	262
	ED 2010	258	295	302
	ET 3010	297	334	341
FL620.10	EM 1010	190.5	227.5	234.5
	ED 2010	230.5	267.5	274
	ET 3010	269.5	306.5	320.3
FL635.10	EM 1010	172	209	172
	ED 2010	212	249	212
	ET 3010	251	288	251



IEC Motor

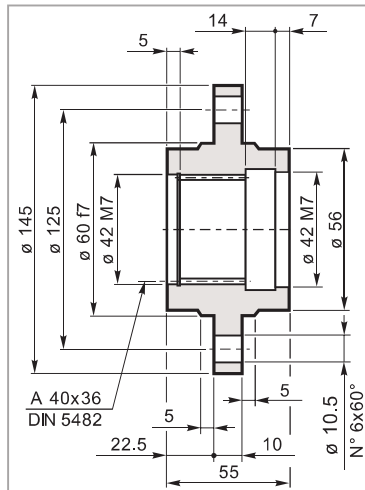
		Lt				
		IEC 63	IEC 71	IEC 80 90	IEC 100 112	IEC 132
EM 1010	MN-MN1-FE-FS	147	149	154	155	222
EM 1010	MR-MR1	184	186	191	192	259
ED 2010	MN-MN1-FE-FS	187	189	194	195	262
ED 2010	MR-MR1	224	226	231	232	299
ET 3010	MN-MN1-FE-FS	226	228	233	234	301
ET 3010	MR-MR1	263	265	270	271	338
PD 1010	PD	191	193	198	199	266
PD 2010	PD	230.5	232.5	238	239	306
PD 3010	PD	270	272	277	278	
EC 2010	MN-MN1-FE-FS-PDA	151	151	151	151	238
EC 3010	MN-MN1-FE-FS-PDA	151	151	151	151	238
EC 4010	MN-MN1-FE-FS-PDA	151	151	151	151	238





Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda

FA 010

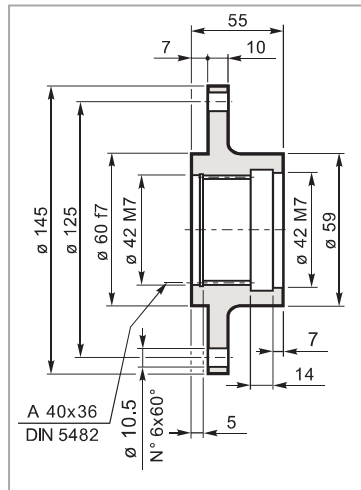


Mat. C40 UNI EN 10083
Code: 34700231800



Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda

FR 010

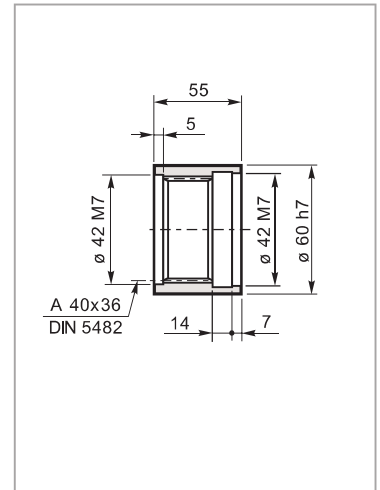


Mat. C40 UNI EN 10083
Code: 34700331800



Manicotto scanalato
Splined bush
Keilmuffe
Manchon cannelée
Manguito acanalado
Luva ranhurada

MS 010

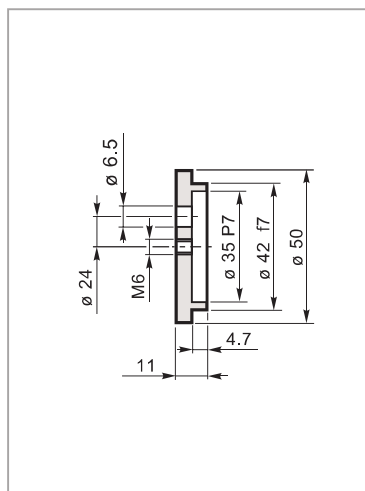


Mat. 39NiCrMo3 UNI EN 10083
Code: 39102740600



Rondella di fermo
Shaft cover
Gegenscheibe
Rondelle frein
Arandela de bloqueo
Amuela de encosto

RDF 010

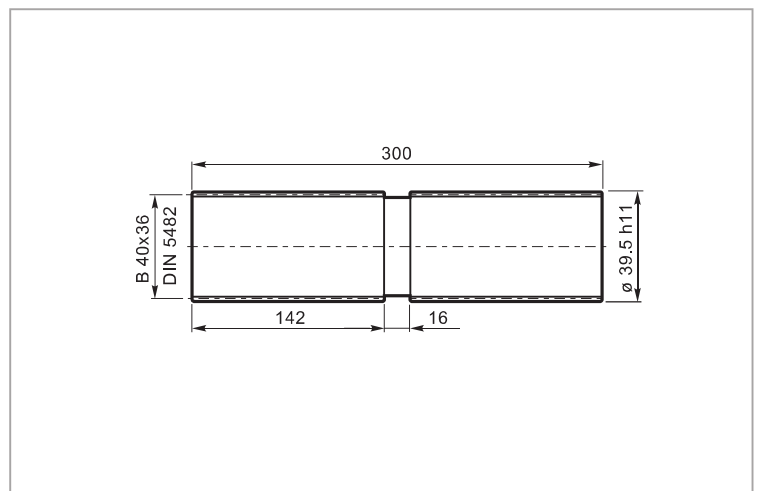


Mat. C40 UNI EN 10083
Code: 37201840800



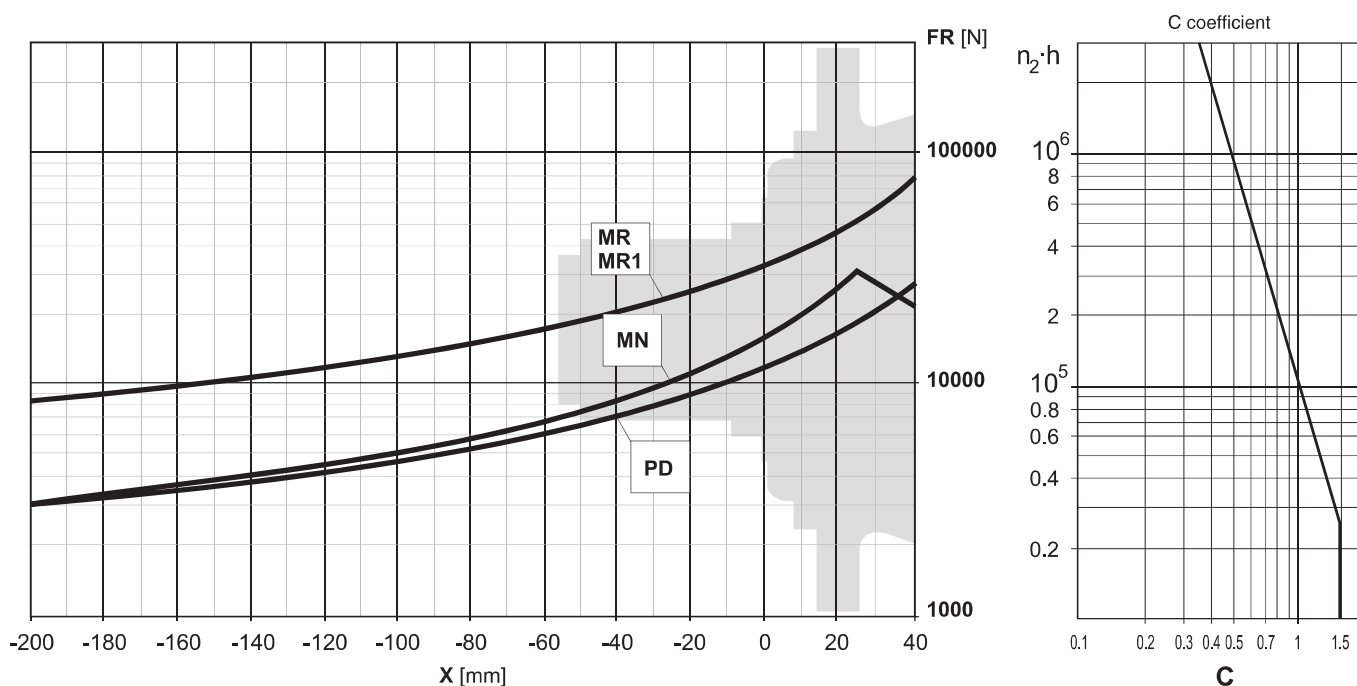
Flangia ruota
Splined bar
Zugspindel
Barre cannelée
Barra acanalada
Barra ranhurada

BS 010

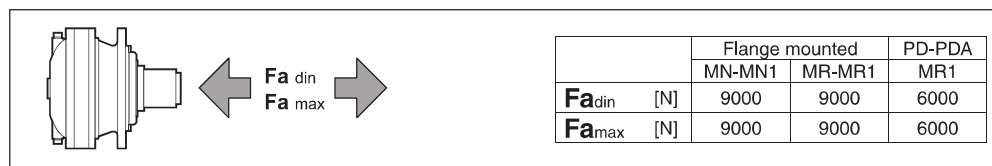


Code: 39126730100 Mat: Acciaio legato ad elevata resistenza meccanica
Alloyed steel with high mechanical resistance
Legierungsstahl mit hoher mechanischer Festigkeit
Alliage d'acier à haute résistance mécanique
Aleación de acero de elevada resistencia mecánica
Aço ligado de elevada resistência mecânica

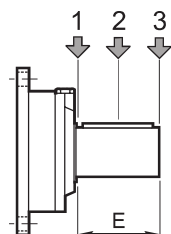
Carichi radiali sugli alberi uscita / Radial loads on output shafts
 Radiallasten auf de Abtriebswellen / Charges radiales sur les arbres de sortie
 Cargas sobre los ejes de salida / Cargas radiais nos eixos de saída



Carichi assiali / Axial loads / Axialkräfte / Charges axiales / Cargas axiales / Forças axiais



Carichi radiali sugli alberi entrata / Radial loads on input shafts
 Radiallasten auf de Antriebswellen / Charges radiales sur les arbres d'entrée
 Cargas sobre los ejes de entrada / Cargas radiais nos eixos de entrada



Type	E	Fr [N]					
		$n_1 \cdot h = 10^7$			$n_1 \cdot h = 10^8$		
		1	2	3	1	2	3
SU2	58	3000	2000	1500	1400	1000	700