DANA BREVINI® Motion Systems

CTF011000-19
07 2019

Product Catalog

Brevini® Planetary Gearboxes
Industrial Series

Torques from 300 Nm to 35.000 Nm



Planetary solutions

Brevini® Industrial Series planetary gearboxes with its modularity, wide range of characteristics and variants, allows to meet every possible application needs for both Industrial and Mobile applications.

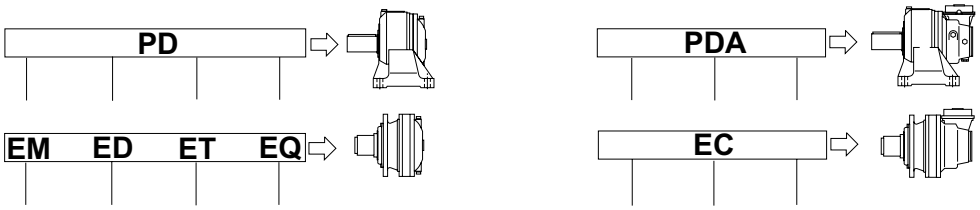
1. DESCRIZIONE RIDUTTORI

1. DESCRIPTION OF GEAR UNITS

1. GETRIEBE-BESCHREIBUNG

EM

Versione
Version
Ausführung



1

Stadi
Stages
Etappes

1 2 3 4

2 3 4

020

Grandezza
Size
Größe

020, 010, 020, 010, 020, 010

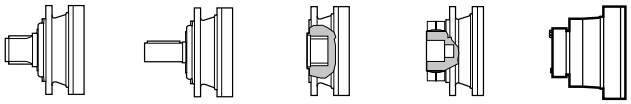
020, 010, 020, 010, 020, 010

MR

Configurazione uscita
Output configuration
Abtriebsanordnung

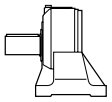
Versione con flangia / Flanged version / Version mit flansch

MN MR | MN1 MR1 | FE | FS | FP



Versione con piedi
Foot version
Version mit Fuß

MR1
(PD-PDA)



3.50

Rapporto effettivo
Effective ratio
Effektives
Übersetzungsverhältnis

⇩ Vedere tabelle dati tecnici / See data sheet / Siehe Tabelle der technischen Daten (i_{eff})

i_{eff}	1500			1000			500			T_{2max} [Nm]	P_1 [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]		
EM 1020											
3.08	487	888	45.3	325	1003	34.1	162	1235	21.0	2800	
3.50	429	972	43.6	286	1098	32.9	143	1351	20.2	2800	

S-45CR1

Configurazione entrata
Input configuration
Antriebsanordnung

Supporti maschio in entrata
Cylindrical male input shaft
Antriebswellenstümpfe



S-45CR1
S-46C1
S-65CR1
S-90CR1



48.82
45.70

Freni lamellari
Multidisc brakes
Lamellenbremsen



FL250
FL350
FL450
FL650
FL750
FL960

Entrata universale
Universal input
Universalantriebe



B3

Posizione di montaggio
Mounting position
Einbaulage

B3 B6 B7 B8 V5 V6

V5A V6A B3D
V5B V6B B6C
V5C V6C B7A
V5D V6D B8B

B3A B3B B3C
B6A B6B B6D
B7B B7C B7D
B8A B8C B8D

Esempio di designazione Model code example Beispiel der kennzeichnung	**EM1020/MR/3.50/S-45CR1/B3**

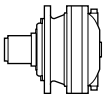
7. DATI TECNICI E TAVOLE DIMENSIONALI
TECHNICAL DATA AND DIMENSIONAL DRAWINGS
TECHNISCHE DATEN UND MASSBILDER
CARACTERISTIQUES TECHNIQUES ET PLANCHES DES DIMENSIONS
DATOS TÉCNICOS Y DISEÑOS DIMENSIONALES
DADOS TÉCNICOS E TABELAS DIMENSIONAIS



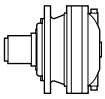
Serie Standard / Standard Series
Serie Standard / Série Standard
Serie Standard / Série Standard

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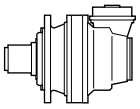
Type	i_{eff}	T_N [Nm]			
010	3.38 - 3282	1000	B40x36 DIN5482	42	34
020	3.08 - 3235	2100	B58x53 DIN5482	65	46
030	15.37 - 3097	3800	B58x53 DIN5482	65	60
040	15.37 - 3170	3800	B58x53 DIN5482	65	72
045	3.50 - 3301	3800	B58x53 DIN5482	65	80
046	3.50 - 3301	3800	B58x53 DIN5482	65	94
065	3.50 - 3170	6400	B70x64 DIN5482	65	104
067	12.25-201.0	6400	B70x64 DIN5482	65	118
090	4.08 - 3207	9200	B80x74 DIN5482	90	132
091	11.22-42.37	9200	B80x74 DIN5482	90	146
150	3.90-3460	13000	B80x74 DIN5482	100	156
155	19.50-272.7	13000	B80x74 DIN5482	100	170
250	4.04 - 2741	20000	B100x94 DIN5482	110	184
255	16.48-2744	20000	B100x94 DIN5482	110	196
320	19.95-245.3	25000	B100x94 DIN5482	110	208



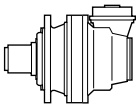
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
ED 2030											
15.37	98	1510	15.4	65	1705	11.6	32.5	2100	7.2	5600	
17.47	86	2121	19.1	57	2395	14.4	28.6	2732	8.2	6000	
20.28	74	2206	17.1	49.3	2314	12.0	24.7	2494	6.4	6000	
22.70	66	2231	15.4	44.1	2519	11.6	22.0	2805	6.5	6000	
26.34	57	2276	13.6	38.0	2383	9.5	19.0	2560	5.1	6000	12
31.02	48.4	2134	10.8	32.2	2342	7.9	16.1	2639	4.5	6000	
36.00	41.7	2358	10.3	27.8	2463	7.2	13.9	2640	3.8	6000	
41.64	36.0	2325	8.8	24.0	2446	6.2	12.0	2678	3.4	6000	
43.50	34.5	2027	7.3	23.0	2119	5.1	11.5	2276	2.7	6000	
50.32	29.8	2060	6.4	19.9	2152	4.5	9.9	2309	2.4	6000	
ET 3030											
59.06	25.4	2765	7.4	16.9	2879	5.1	8.5	3076	2.7	6000	
61.28	24.5	2640	6.8	16.3	2982	5.1	8.2	3671	3.1	6000	
70.98	21.1	2457	5.4	14.1	2775	4.1	7.0	3206	2.4	6000	
83.76	17.9	2900	5.4	11.9	3275	4.1	6.0	3783	2.4	6000	
89.03	16.8	2591	4.6	11.2	2695	3.2	5.6	2876	1.7	6000	
96.88	15.5	3029	4.9	10.3	3421	3.7	5.2	3803	2.1	6000	
108.8	13.8	3051	4.4	9.2	3320	3.2	4.6	3410	1.6	6000	
124.2	12.1	2447	3.1	8.1	2528	2.1	4.0	2658	1.1	6000	8
146.6	10.2	2888	3.1	6.8	2983	2.1	3.4	3137	1.1	6000	
157.5	9.5	3042	3.0	6.3	3179	2.1	3.2	3695	1.2	6000	
186.1	8.1	2901	2.4	5.4	3046	1.7	2.7	3292	0.93	6000	
198.9	7.5	2115	1.7	5.0	2221	1.2	2.5	2401	0.63	6000	
215.3	7.0	2953	2.2	4.6	3098	1.5	2.3	3343	0.81	6000	
249.0	6.0	2648	1.7	4.0	2780	1.2	2.0	3006	0.63	6000	
289.0	5.2	2924	1.6	3.5	3197	1.2	1.7	3489	0.63	6000	
325.7	4.6	3101	1.5	3.1	3244	1.0	1.5	3492	0.56	6000	
EQ 4030											
367.7	4.1	3835	1.6	2.7	3888	1.1	1.4	3972	0.57	6000	
404.7	3.7	2928	1.1	2.5	2966	0.77	1.2	3029	0.39	6000	
460.3	3.3	3674	1.3	2.2	4000	0.91	1.1	4605	0.52	6000	
495.4	3.0	3874	1.2	2.0	3925	0.83	1.0	4008	0.42	6000	
581.3	2.6	3894	1.1	1.7	3944	0.71	0.86	4027	0.36	6000	
643.5	2.3	3907	0.95	1.6	3956	0.64	0.78	4039	0.33	6000	
691.5	2.2	4002	0.91	1.4	4348	0.66	0.72	4494	0.34	6000	
817.1	1.8	4142	0.80	1.2	4424	0.57	0.61	4516	0.29	6000	
879.4	1.7	3945	0.71	1.1	3994	0.48	0.57	4075	0.24	6000	
1017	1.5	3963	0.61	0.98	4011	0.41	0.49	4092	0.21	6000	4
1142	1.3	3550	0.49	0.88	3593	0.33	0.44	3666	0.17	6000	
1304	1.2	2886	0.35	0.77	2961	0.24	0.38	3092	0.12	6000	
1430	1.0	4445	0.49	0.70	4498	0.33	0.35	4589	0.17	6000	
1539	0.97	3406	0.35	0.65	3494	0.24	0.32	3649	0.12	6000	
1806	0.83	3248	0.28	0.55	3304	0.19	0.28	3607	0.11	6000	
1999	0.75	3610	0.28	0.50	3652	0.19	0.25	3969	0.10	6000	
2268	0.66	4502	0.31	0.44	4781	0.22	0.22	5124	0.12	6000	
2502	0.60	4519	0.28	0.40	4572	0.19	0.20	4969	0.10	6000	
2904	0.52	4726	0.26	0.34	5112	0.18	0.17	5767	0.10	6000	
3170	0.47	4042	0.20	0.32	4382	0.15	0.16	5013	0.08	6000	



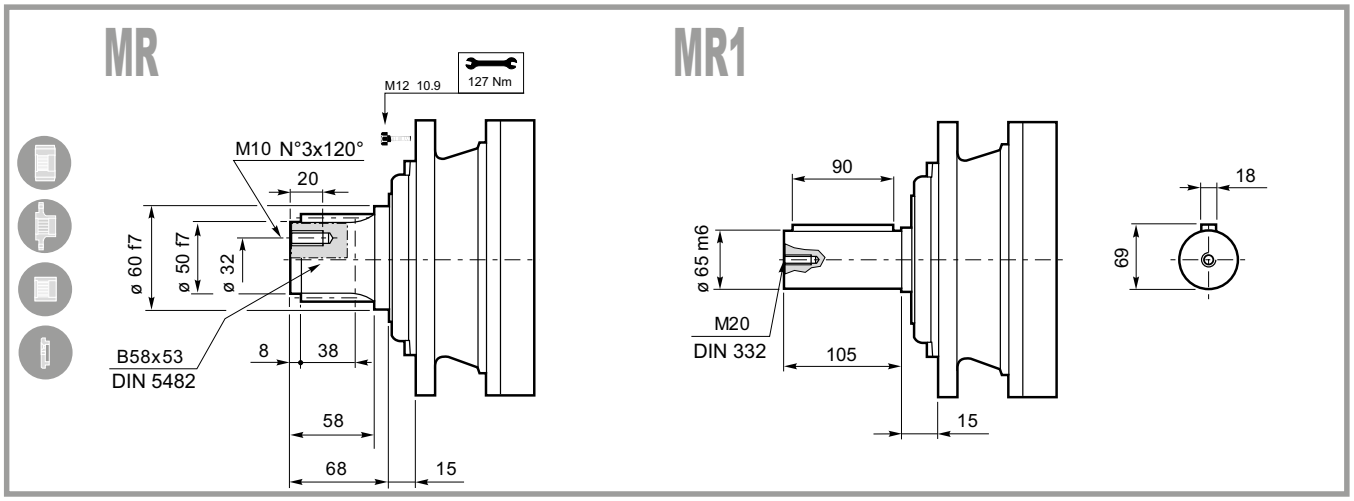
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
ED 2030											
15.37	98	2477	25.3	65	2626	17.9	32.5	2800	9.5	5600	
17.47	86	2896	26.0	57	3031	18.2	28.6	3443	10.3	6000	
20.28	74	2654	20.6	49.3	2774	14.3	24.7	3136	8.1	6000	
22.70	66	2984	20.7	44.1	3119	14.4	22.0	3648	8.4	6000	
26.34	57	2732	16.3	38.0	2850	11.3	19.0	3323	6.6	6000	12
31.02	48.4	2703	13.7	32.2	2925	9.9	16.1	3250	5.5	6000	
36.00	41.7	2823	12.3	27.8	3053	8.9	13.9	3555	5.2	6000	
41.64	36.0	2857	10.8	24.0	3077	7.7	12.0	3406	4.3	6000	
43.50	34.5	2444	8.8	23.0	2636	6.3	11.5	3082	3.7	6000	
50.32	29.8	2480	7.7	19.9	2726	5.7	9.9	3181	3.3	6000	
ET 3030											
59.06	25.4	3536	9.4	16.9	3860	6.8	8.5	4457	4.0	6000	
61.28	24.5	3729	9.6	16.3	3821	6.5	8.2	3945	3.4	6000	
70.98	21.1	3221	7.1	14.1	3289	4.9	7.0	3383	2.5	6000	
83.76	17.9	3801	7.1	11.9	3881	4.9	6.0	3993	2.5	6000	
89.03	16.8	3410	6.0	11.2	3718	4.4	5.6	4287	2.5	6000	
96.88	15.5	3831	6.2	10.3	3906	4.2	5.2	4014	2.2	6000	
108.8	13.8	3442	5.0	9.2	3505	3.4	4.6	3599	1.7	6000	
124.2	12.1	2749	3.5	8.1	2840	2.4	4.0	2986	1.3	6000	8
146.6	10.2	3244	3.5	6.8	3351	2.4	3.4	3524	1.3	6000	
157.5	9.5	4339	4.3	6.3	4414	2.9	3.2	4527	1.5	6000	
186.1	8.1	3538	3.0	5.4	3856	2.2	2.7	4134	1.2	6000	
198.9	7.5	2594	2.0	5.0	2878	1.5	2.5	3300	0.87	6000	
215.3	7.0	3611	2.6	4.6	3996	1.9	2.3	4195	1.0	6000	
249.0	6.0	3248	2.0	4.0	3603	1.5	2.0	4131	0.87	6000	
289.0	5.2	3769	2.0	3.5	4181	1.5	1.7	4794	0.87	6000	
325.7	4.6	4004	1.9	3.1	4117	1.3	1.5	4480	0.72	6000	
EQ 4030											
367.7	4.1	4047	1.7	2.7	4101	1.2	1.4	4461	0.64	6000	
404.7	3.7	3089	1.2	2.5	3238	0.84	1.2	3612	0.47	6000	
460.3	3.3	5066	1.7	2.2	5133	1.2	1.1	5584	0.64	6000	
495.4	3.0	4087	1.3	2.0	4188	0.89	1.0	4674	0.49	6000	
581.3	2.6	4107	1.1	1.7	4297	0.77	0.86	4791	0.43	6000	
643.5	2.3	4121	1.0	1.6	4367	0.71	0.78	4867	0.40	6000	
691.5	2.2	4585	1.0	1.4	4895	0.74	0.72	5458	0.41	6000	
817.1	1.8	4711	0.91	1.2	5027	0.64	0.61	5599	0.36	6000	
879.4	1.7	4303	0.77	1.1	4588	0.55	0.57	5105	0.30	6000	
1017	1.5	4404	0.68	0.98	4693	0.48	0.49	5218	0.27	6000	4
1142	1.3	4114	0.57	0.88	4382	0.40	0.44	4869	0.22	6000	
1304	1.2	3349	0.40	0.77	3564	0.29	0.38	3960	0.16	6000	
1430	1.0	5151	0.57	0.70	5486	0.40	0.35	6000	0.22	6000	
1539	0.97	3952	0.40	0.65	4205	0.29	0.32	4673	0.16	6000	
1806	0.83	4071	0.35	0.55	4327	0.25	0.28	4791	0.14	6000	
1999	0.75	4487	0.35	0.50	4772	0.25	0.25	5290	0.14	6000	
2268	0.66	5786	0.40	0.44	6000	0.28	0.22	6000	0.14	6000	
2502	0.60	5617	0.35	0.40	5974	0.25	0.20	6000	0.13	6000	
2904	0.52	6000	0.33	0.34	6000	0.21	0.17	6000	0.11	6000	
3170	0.47	5827	0.29	0.32	6000	0.20	0.16	6000	0.10	6000	

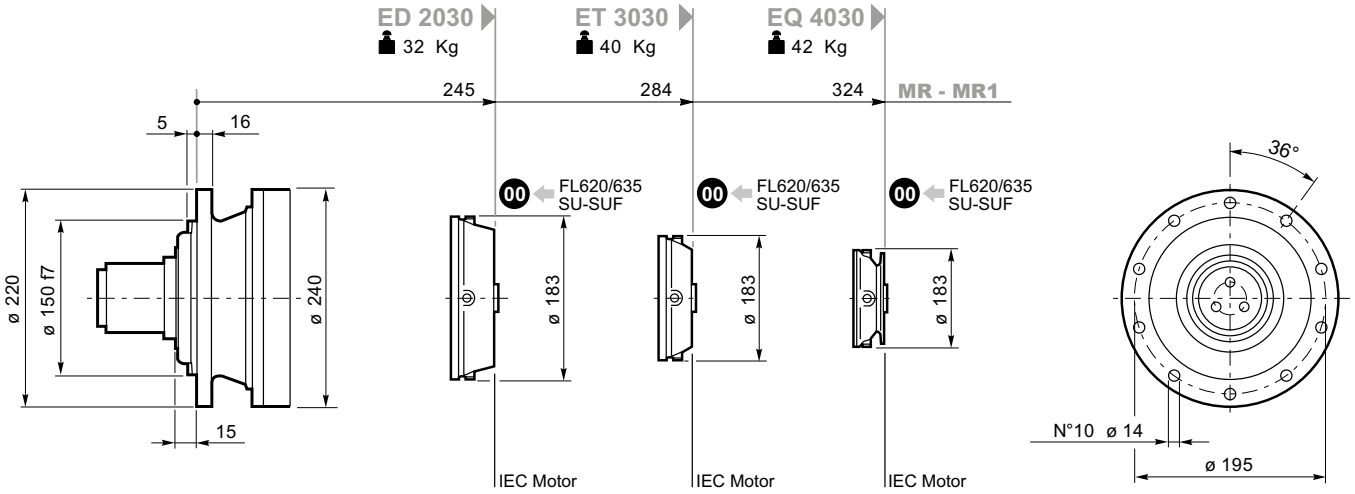


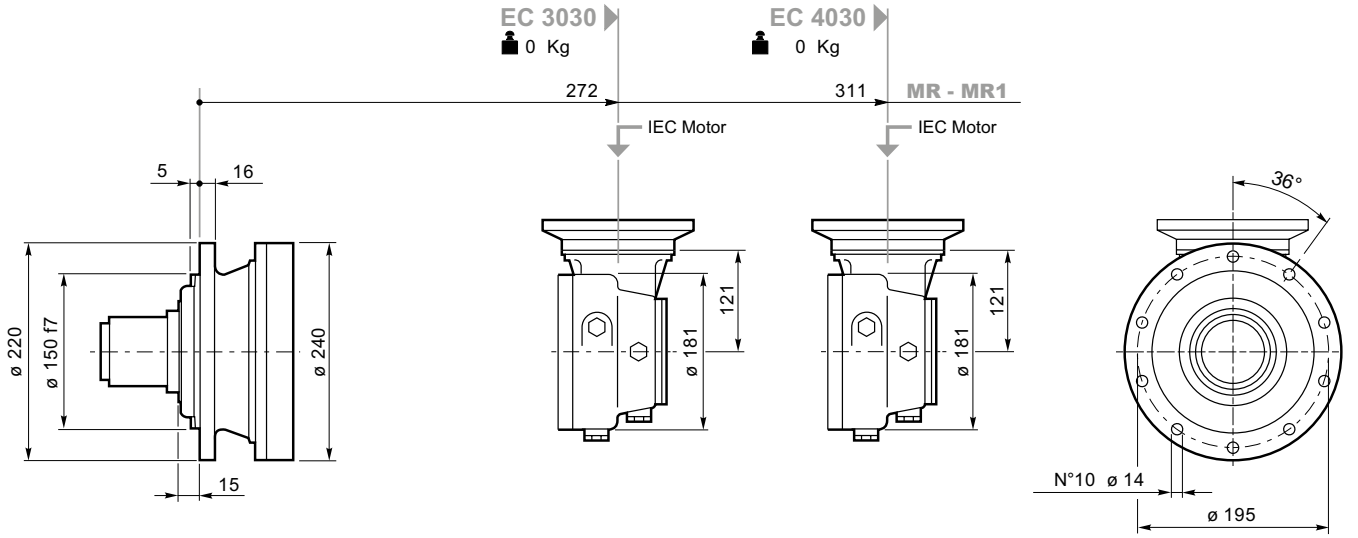
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EC 3030 - PDA 3030											
35.49	42.3	1160	5.1	28.2	1310	3.9	14.1	1613	2.4	6000	
41.88	35.8	1369	5.1	23.9	1546	3.9	11.9	1903	2.4	6000	
46.09	32.5	1507	5.1	21.7	1702	3.9	10.8	2095	2.4	6000	
52.42	28.6	1714	5.1	19.1	1935	3.9	9.5	2383	2.4	6000	
54.39	27.6	1778	5.1	18.4	2008	3.9	9.2	2472	2.4	6000	
60.84	24.7	1989	5.1	16.4	2246	3.9	8.2	2765	2.4	6000	
68.09	22.0	2226	5.1	14.7	2514	3.9	7.3	3095	2.4	6000	
79.02	19.0	2560	5.1	12.7	2664	3.5	6.3	2845	1.9	6000	
88.66	16.9	1774	3.1	11.3	2003	2.4	5.6	2467	1.5	6000	
99.17	15.1	1984	3.1	10.1	2241	2.4	5.0	2759	1.5	6000	5
111.0	13.5	2221	3.1	9.0	2508	2.4	4.5	3088	1.5	6000	
128.8	11.6	2577	3.1	7.8	2791	2.3	3.9	3118	1.3	6000	
140.2	10.7	2023	2.3	7.1	2130	1.6	3.6	2310	0.86	6000	
151.7	9.9	2826	2.9	6.6	2973	2.1	3.3	3219	1.1	6000	
176.0	8.5	2767	2.5	5.7	2873	1.7	2.8	3336	0.99	6000	
203.6	7.4	2805	2.2	4.9	2960	1.5	2.5	3356	0.86	6000	
215.8	7.0	2391	1.7	4.6	2486	1.2	2.3	2894	0.70	6000	
244.1	6.1	2853	1.8	4.1	3081	1.3	2.0	3576	0.77	6000	
282.3	5.3	2908	1.6	3.5	3181	1.2	1.8	3480	0.65	6000	
EC 4030 - PDA 4030											
319.9	4.7	3817	1.9	3.1	3870	1.3	1.6	3956	0.65	6000	
347.1	4.3	3262	1.5	2.9	3306	1.0	1.4	3377	0.51	6000	
401.5	3.7	3278	1.3	2.5	3321	0.87	1.2	3392	0.44	6000	
473.7	3.2	3868	1.3	2.1	3919	0.87	1.1	4002	0.44	6000	
481.2	3.1	3298	1.1	2.1	3340	0.73	1.0	3410	0.37	6000	
567.9	2.6	3891	1.1	1.8	3941	0.73	0.88	4024	0.37	6000	
656.8	2.3	3909	0.94	1.5	3959	0.63	0.76	4041	0.32	6000	
716.7	2.1	3242	0.71	1.4	3329	0.49	0.70	3479	0.25	6000	
822.2	1.8	4147	0.79	1.2	4502	0.57	0.61	5059	0.32	6000	
930.9	1.6	3528	0.60	1.1	3572	0.40	0.54	3645	0.21	6000	
993.8	1.5	3312	0.52	1.0	3399	0.36	0.50	3551	0.19	6000	3
1165	1.3	4417	0.60	0.86	4471	0.40	0.43	4563	0.21	6000	
1291	1.2	3563	0.43	0.77	3606	0.29	0.39	3704	0.15	6000	
1352	1.1	4059	0.47	0.74	4403	0.34	0.37	5043	0.20	6000	
1616	0.93	4461	0.43	0.62	4514	0.29	0.31	4637	0.15	6000	
1848	0.81	4322	0.37	0.54	4683	0.27	0.27	4963	0.14	6000	
1959	0.77	3815	0.31	0.51	4218	0.23	0.26	4817	0.13	6000	
2208	0.68	4043	0.29	0.45	4134	0.20	0.23	4500	0.11	6000	
2563	0.59	4611	0.28	0.39	4798	0.20	0.20	5222	0.11	6000	
2964	0.51	4227	0.22	0.34	4616	0.16	0.17	5138	0.09	6000	
3097	0.48	4023	0.20	0.32	4362	0.15	0.16	4991	0.08	6000	



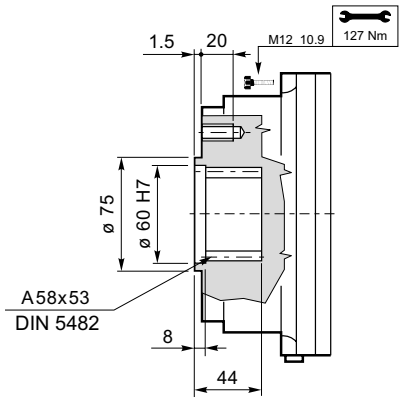
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EC 3030 - PDA 3030											
35.49	42.3	2050	9.1	28.2	2315	6.8	14.1	2850	4.2	6000	
41.88	35.8	2419	9.1	23.9	2731	6.8	11.9	3363	4.2	6000	
46.09	32.5	2662	9.1	21.7	2873	6.5	10.8	2971	3.4	6000	
52.42	28.6	3028	9.1	19.1	3419	6.8	9.5	4210	4.2	6000	
54.39	27.6	3141	9.1	18.4	3390	6.5	9.2	3505	3.4	6000	
60.84	24.7	3136	8.1	16.4	3429	5.9	8.2	3967	3.4	6000	
68.09	22.0	3648	8.4	14.7	3978	6.1	7.3	4388	3.4	6000	
79.02	19.0	3323	6.6	12.7	3626	4.8	6.3	4185	2.8	6000	
88.66	16.9	3134	5.6	11.3	3474	4.1	5.6	3573	2.1	6000	
99.17	15.1	3491	5.5	10.1	3803	4.0	5.0	4380	2.3	6000	5
111.0	13.5	3924	5.6	9.0	4350	4.1	4.5	4472	2.1	6000	
128.8	11.6	3690	4.5	7.8	4014	3.3	3.9	4614	1.9	6000	
140.2	10.7	2491	2.8	7.1	2632	2.0	3.6	3129	1.2	6000	
151.7	9.9	3455	3.6	6.6	3662	2.5	3.3	4107	1.4	6000	
176.0	8.5	3938	3.5	5.7	4251	2.5	2.8	4767	1.4	6000	
203.6	7.4	3619	2.8	4.9	3824	2.0	2.5	4546	1.2	6000	
215.8	7.0	3433	2.5	4.6	3736	1.8	2.3	4298	1.0	6000	
244.1	6.1	4166	2.7	4.1	4565	2.0	2.0	4851	1.0	6000	
282.3	5.3	3759	2.1	3.5	4157	1.5	1.8	4777	0.89	6000	
EC 4030 - PDA 4030											
319.9	4.7	4027	2.0	3.1	4082	1.3	1.6	4363	0.71	6000	
347.1	4.3	3442	1.6	2.9	3487	1.1	1.4	3845	0.58	6000	
401.5	3.7	3458	1.4	2.5	3524	0.92	1.2	3933	0.51	6000	
473.7	3.2	4081	1.4	2.1	4158	0.92	1.1	4641	0.51	6000	
481.2	3.1	3478	1.1	2.1	3628	0.79	1.0	4045	0.44	6000	
567.9	2.6	4104	1.1	1.8	4281	0.79	0.88	4774	0.44	6000	
656.8	2.3	4123	0.99	1.5	4381	0.70	0.76	4882	0.39	6000	
716.7	2.1	3642	0.80	1.4	3740	0.55	0.70	4160	0.30	6000	
822.2	1.8	5162	0.99	1.2	5485	0.70	0.61	6000	0.38	6000	
930.9	1.6	3984	0.67	1.1	4246	0.48	0.54	4721	0.27	6000	
993.8	1.5	3720	0.59	1.0	3933	0.41	0.50	4372	0.23	6000	3
1165	1.3	4987	0.67	0.86	5315	0.48	0.43	5910	0.27	6000	
1291	1.2	4194	0.51	0.77	4465	0.36	0.39	4958	0.20	6000	
1352	1.1	5788	0.67	0.74	6000	0.46	0.37	6000	0.23	6000	
1616	0.93	5250	0.51	0.62	5590	0.36	0.31	6000	0.19	6000	
1848	0.81	5608	0.48	0.54	5965	0.34	0.27	6000	0.17	6000	
1959	0.77	5446	0.44	0.51	5792	0.31	0.26	6000	0.16	6000	
2208	0.68	5079	0.36	0.45	5397	0.26	0.23	5977	0.14	6000	
2563	0.59	5894	0.36	0.39	6000	0.25	0.20	6000	0.13	6000	
2964	0.51	5800	0.31	0.34	6000	0.21	0.17	6000	0.11	6000	
3097	0.48	5802	0.29	0.32	6000	0.20	0.16	6000	0.10	6000	

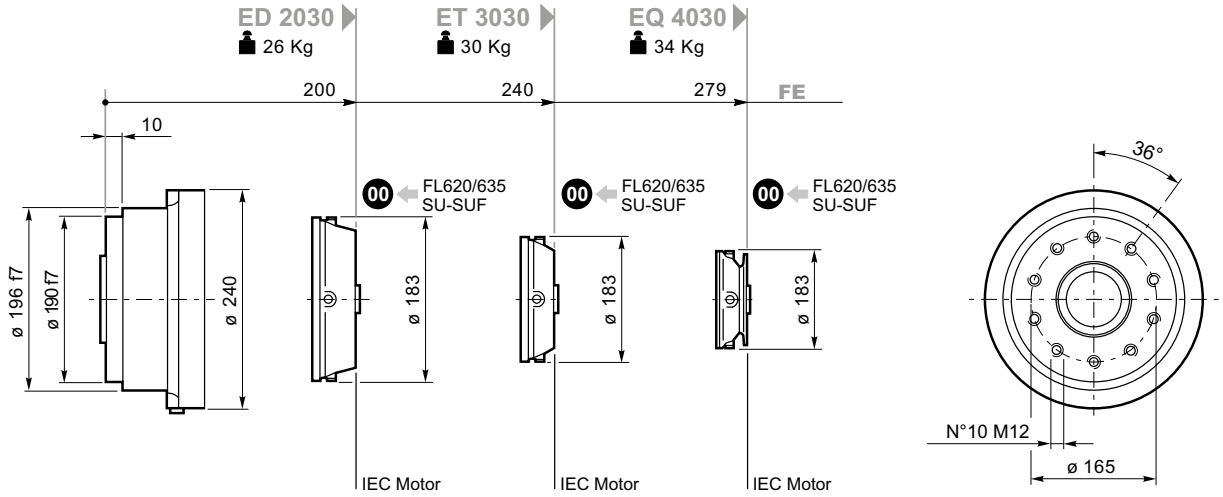


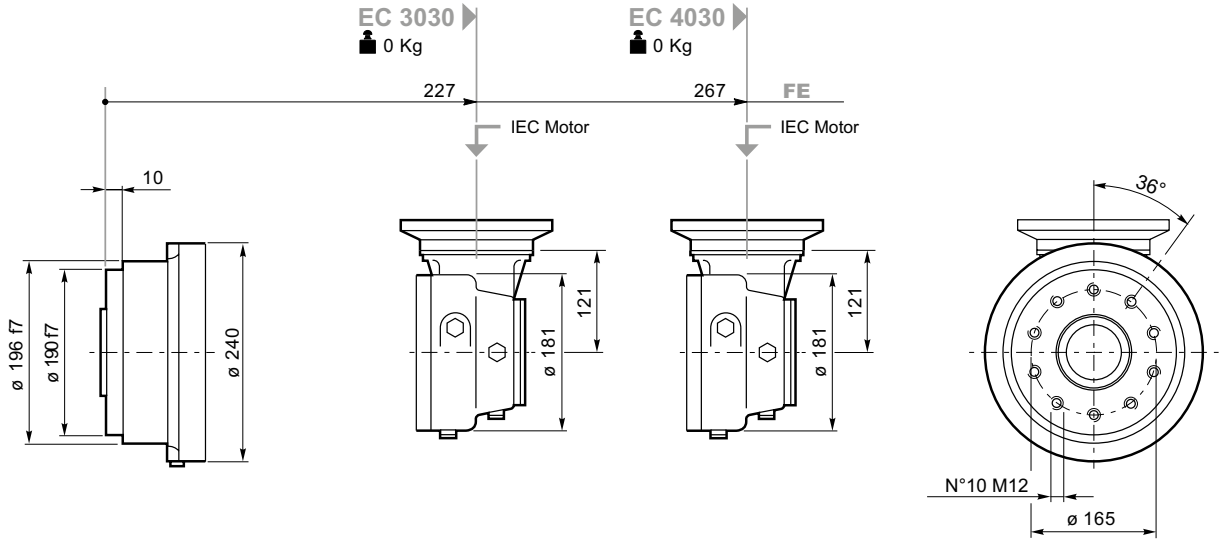




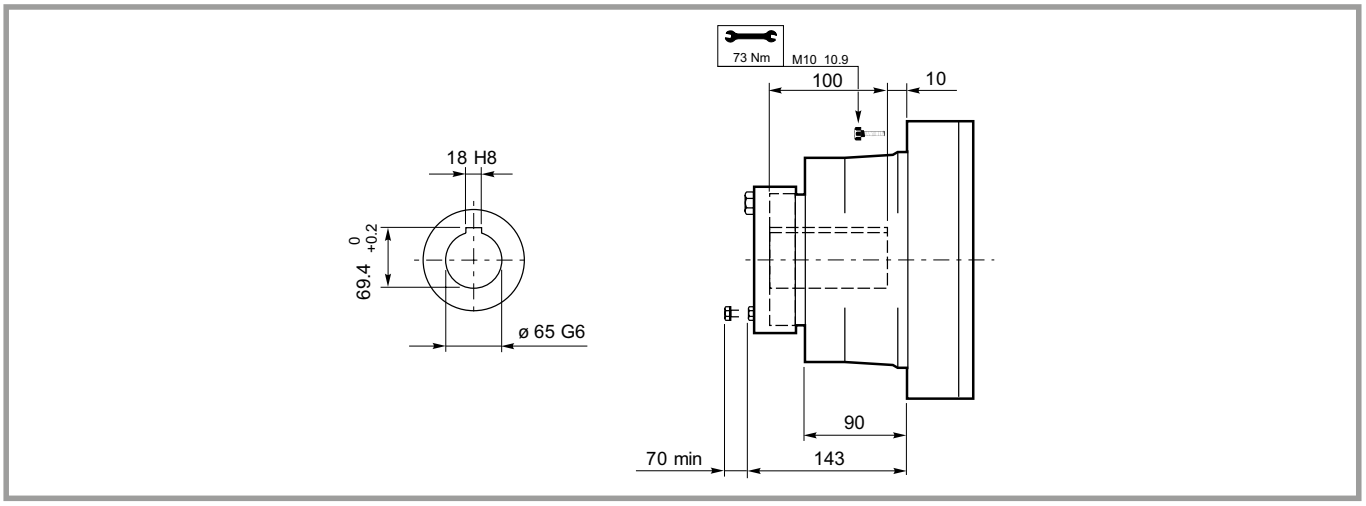
00 ⇨ 230 FL620/635 SU-SUF ⇨ 69 IEC Motor ⇨ 69

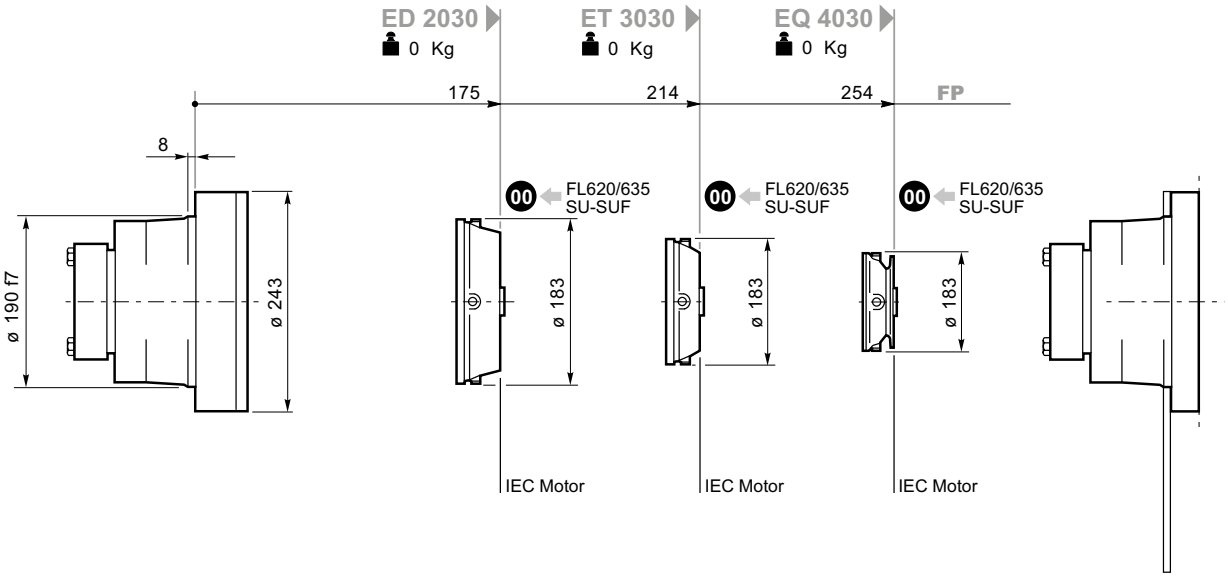


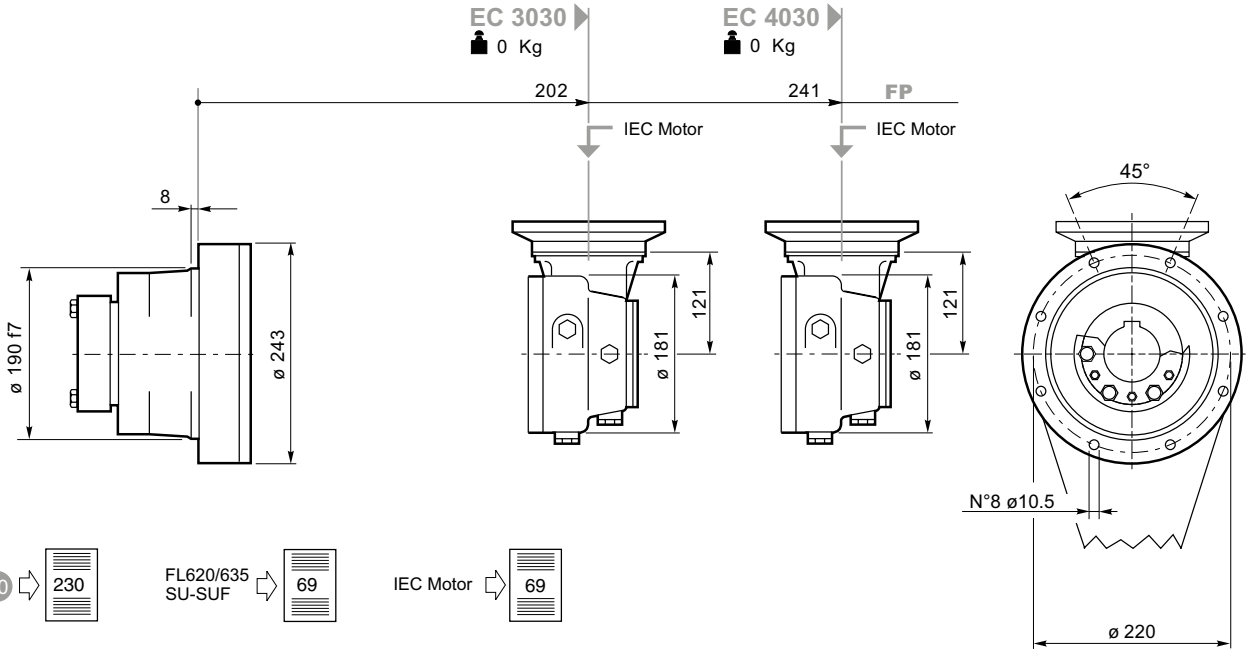




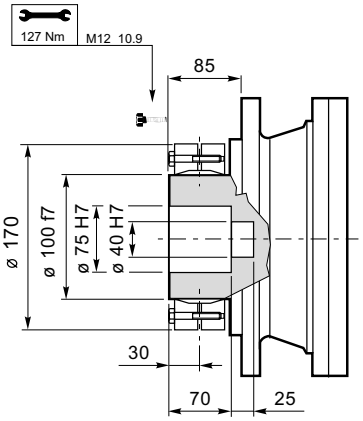
00 230
FL620/635 SU-SUF 69
IEC Motor 69

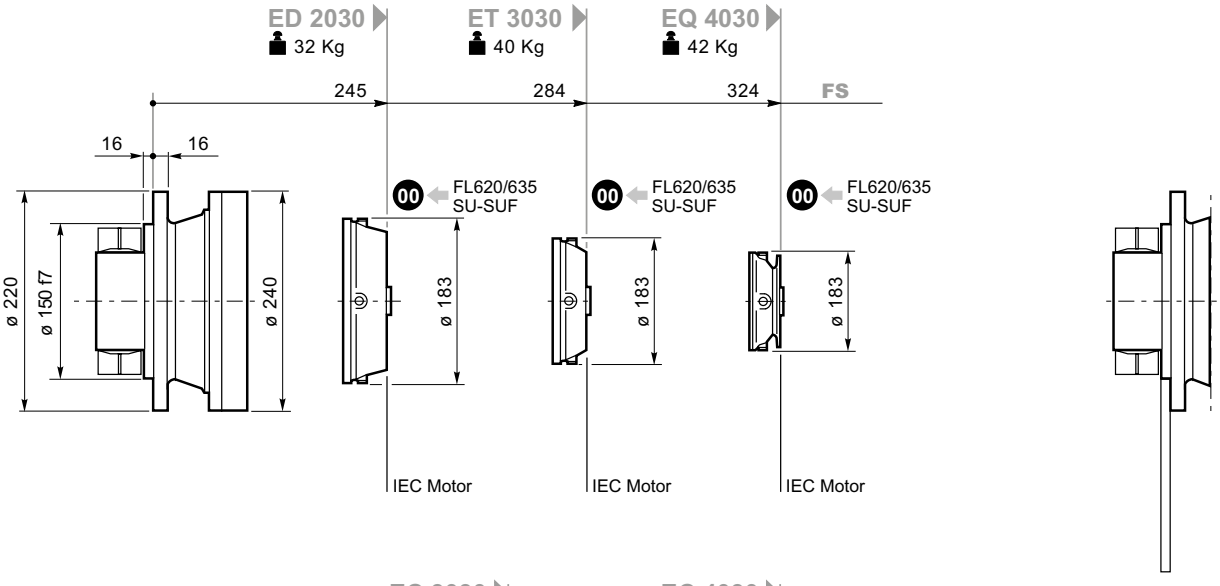


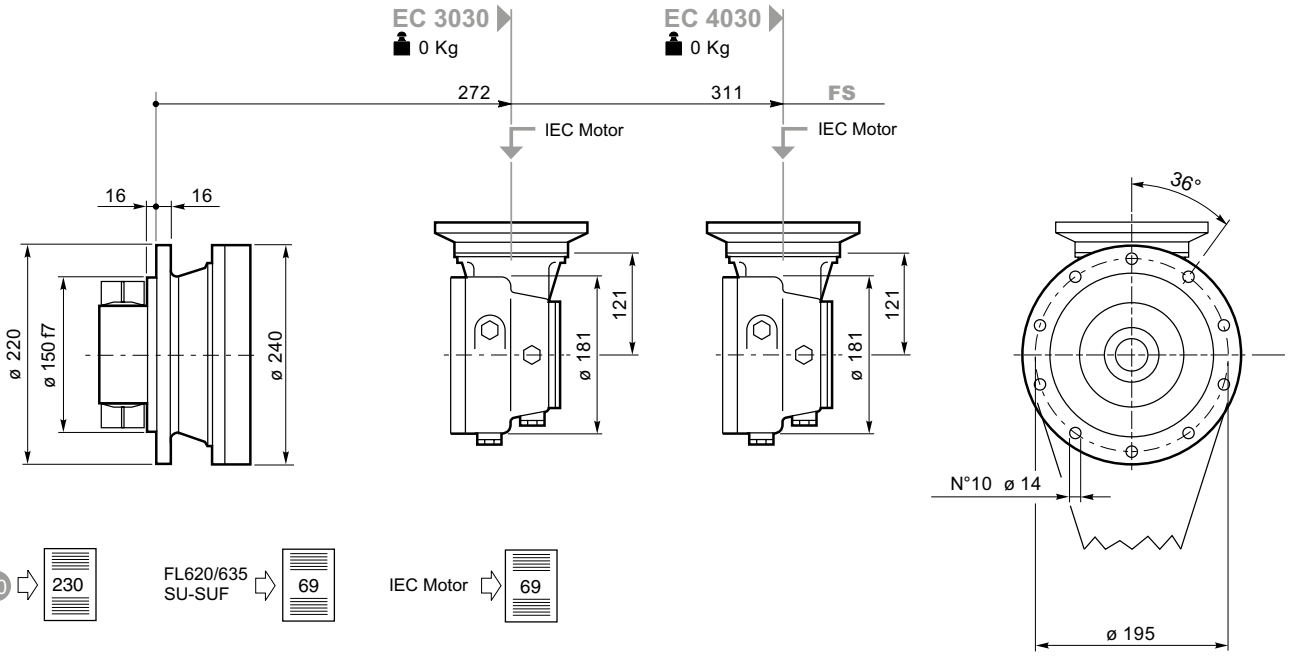




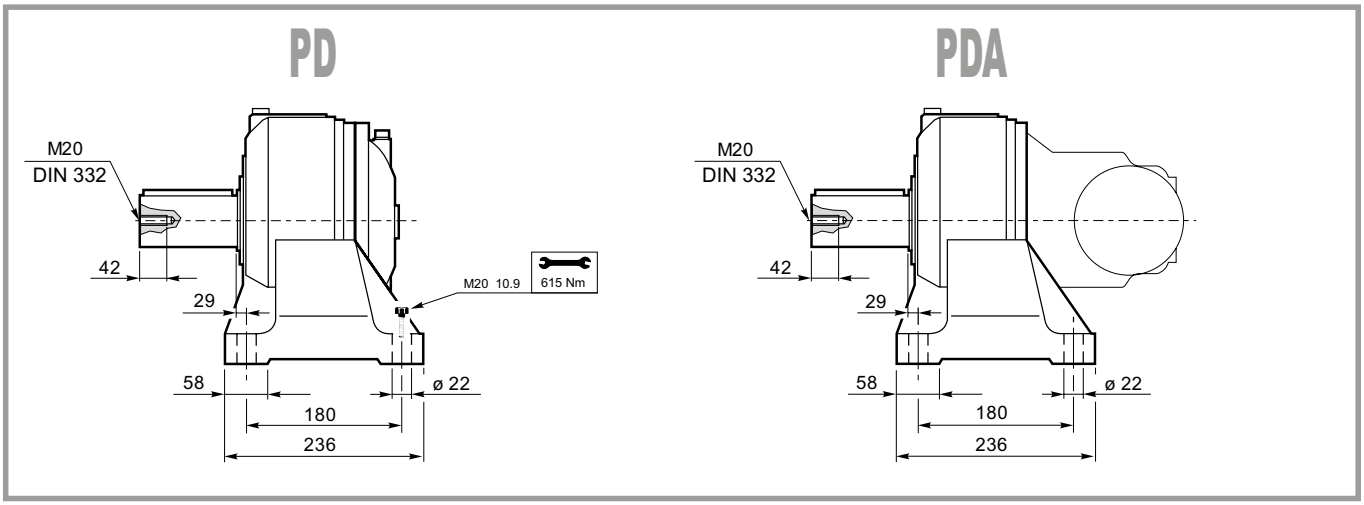
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FL620/635 SU-SUF 69
IEC Motor 69

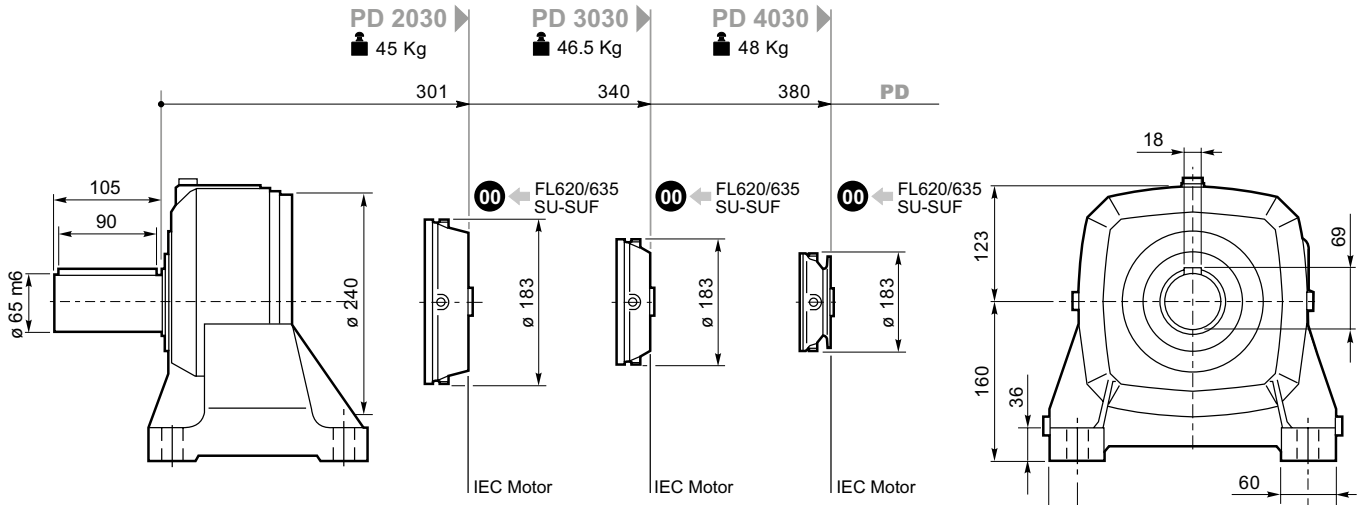


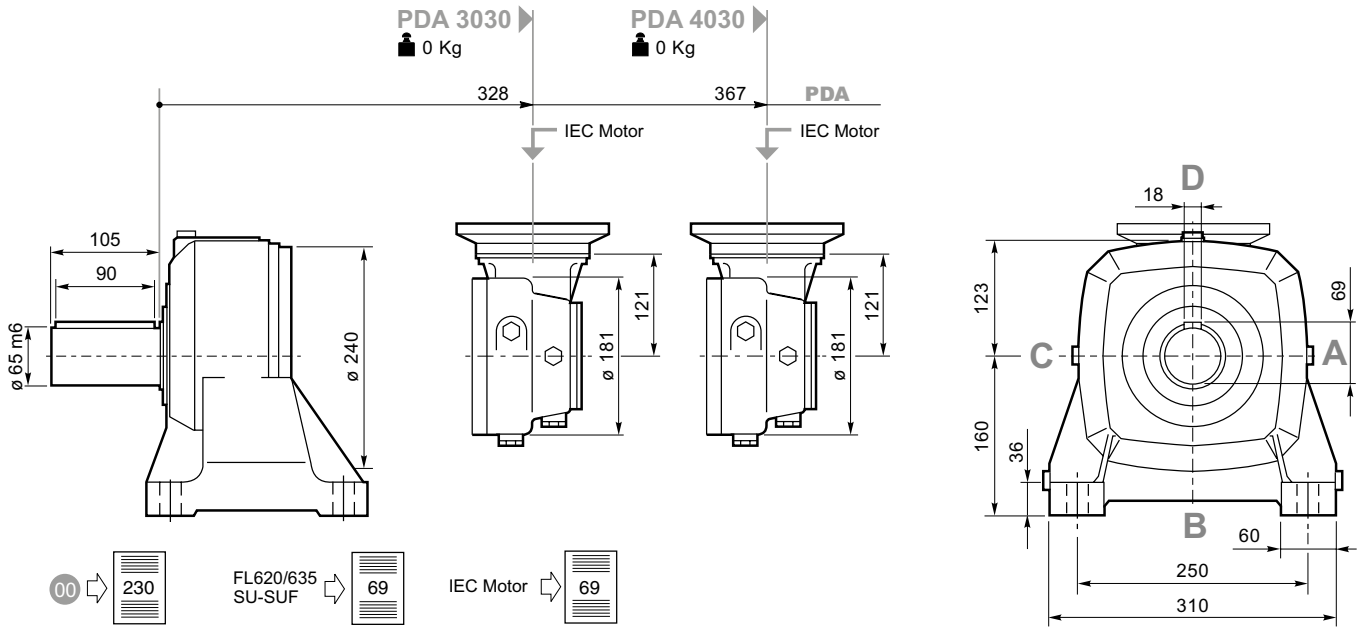




00 230
FL620/635 SU-SUF 69
IEC Motor 69

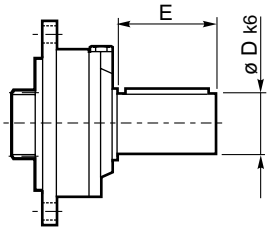




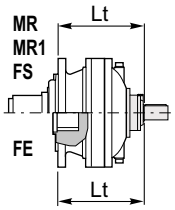


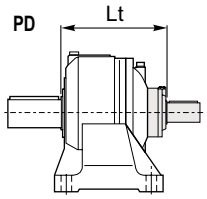
00 230
FL620/635 SU-SUF 69
IEC Motor 69

SU2

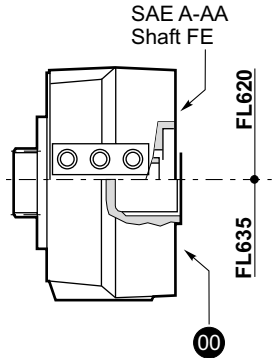


	D k6	E		Lt		
				MR-MR1-FS	FE	PD
SU 2	40	58	**ED 2030**	305	260	361
			ET 3030	344	300	400
			EQ 4030	401	339	440

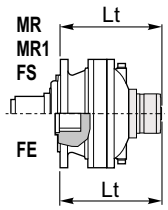


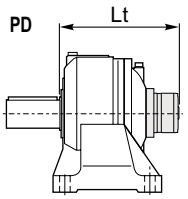


FL620.10-FL635.10 FL620.U-FL635.U



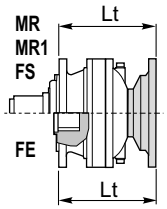
		Lt		
		MR-MR1-FS	FE	PD
FL620.U	**ED 2030**	349.5	304.5	405.5
	ED 3030	388.5	344.5	444.5
	EQ 4030	428.5	383.5	484.5
FL635.U	**ED 2030**	336	291	392
	ET 3030	375	331	431
	EQ 4030	415	370	471
FL620.10	**ED 2030**	309	264	470
	ET 3030	348	304	510
	EQ 4030	388	343	550
FL635.10	**ED 2030**	290	245	451
	ET 3030	329	285	491
	EQ 4030	369	324	531.1

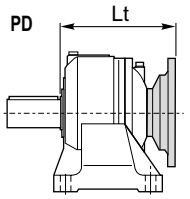


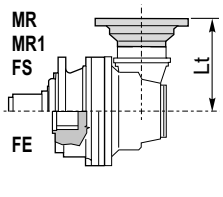


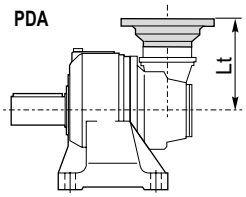
IEC Motor

		Lt				
		IEC 63	**IEC 71**	**IEC 80 90**	**IEC 100 112**	**IEC 132**
ED 2030	MR-MR1-FS	265	267	272	273	340
ET 3030	MR-MR1-FS	304	306	311	312	379
EQ 4030	MR-MR1-FS	344	346	351	352	419
ED 2030	FE	220	222	227	228	295
ET 3030	FE	260	262	267	268	335
EQ 4030	FE	299	301	306	307	374
PD 2030	PD	320.5	322.5	327.5	328.5	395.5
PD 3030	PD	360	362	367	368	435
PD 4030	PD	399.5	401.5	406.5	407.5	474.5
EC 3030	MR-MR1-FE-FS-FP-PDA	151	151	151	151	238
EC 4030	MR-MR1-FE-FS-FP-PDA	151	151	151	151	238



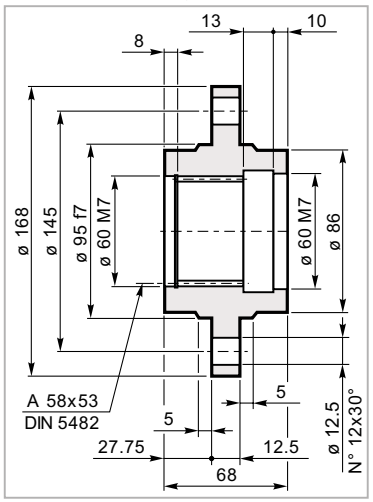






FA 045

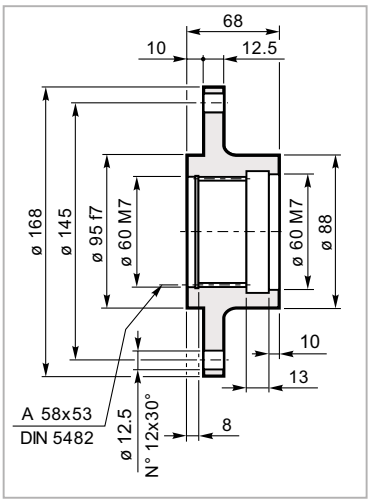
Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda



Mat. C40 UNI EN 10083
Code: 34700641800

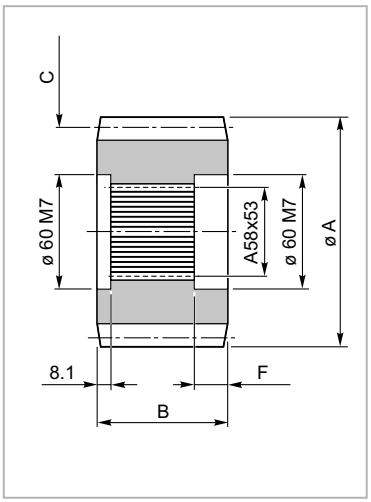
FR 045

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



Mat. C40 UNI EN 10083
Code: 34700131800

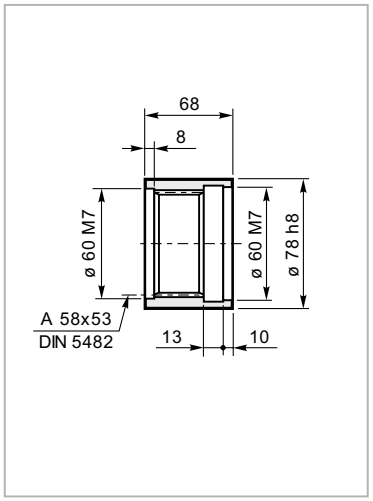
Pignoni
Pinion
Ritzel
Pignon
Piñones
Pinhões



code	A	B	C	F
335.0143.0800	114.8	68	M=8 Z=12 X=0.3	23.5
335.0174.0800	99.6	68	M=6 Z=14 X=0.3	24
335.0353.000K	127.6	68	M=8 Z=13 X=0.54	23.5
335.5193.060	115	68	M=5 Z=21 —	24
335.6273.000	120	68	M=8 Z=13 —	24

MS 045

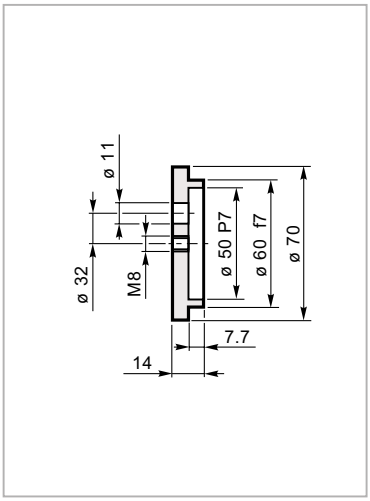
Manicotto scanalato
Splined bush
Keilmuffe
Manchon cannelée
Manguito acanalado
Luva ranhurada



Mat. 39NiCrMo3 UNI EN 10083
Code: 39102848500

RDF 045

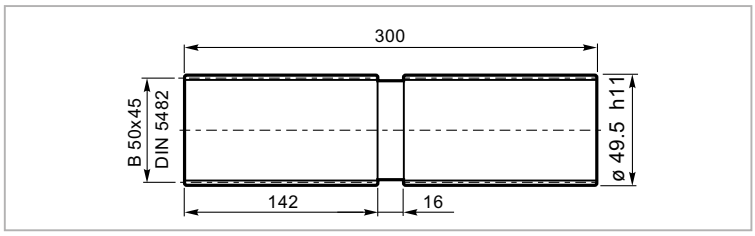
Rondella di fermo
Shaft cover
Gegenscheibe
Rondelle frein
Arandela de bloqueo
Amuela de encosto



Mat. C40 UNI EN 10083
Code: 37201040800

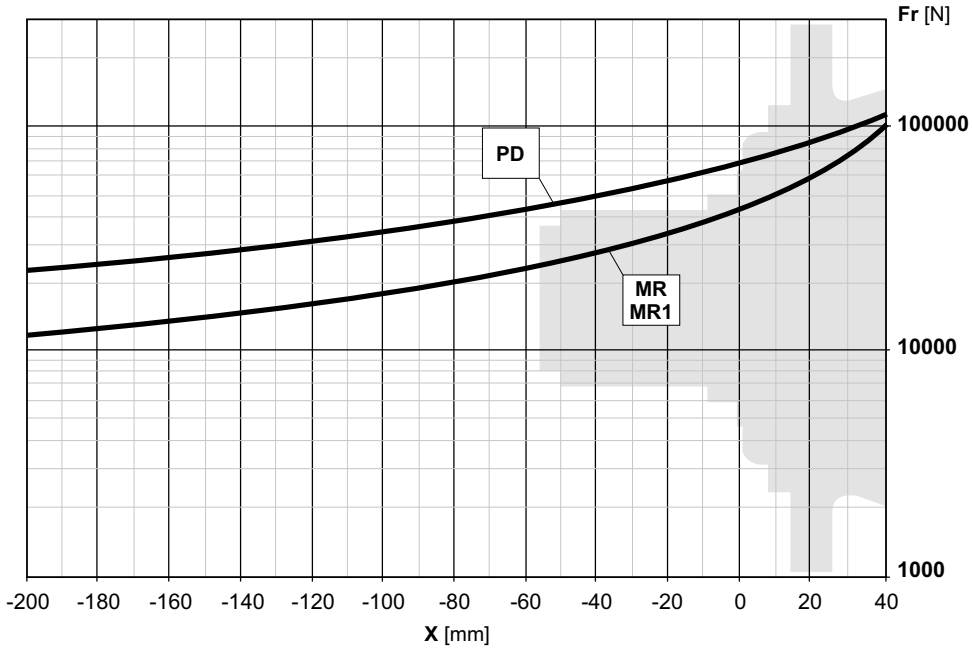
BS 045

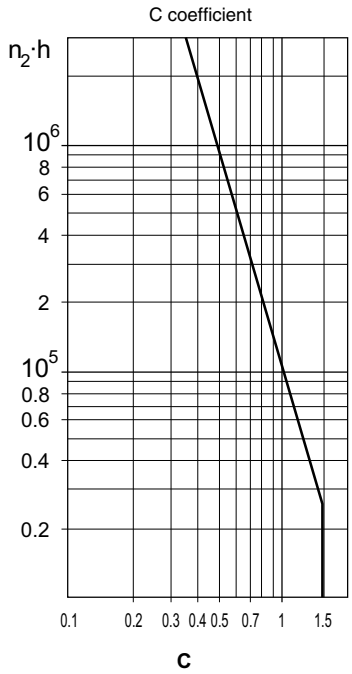
Barra scanalata
Splined bar
Zugspindel
Barre cannelée
Barra acanalada
Barra ranhurada



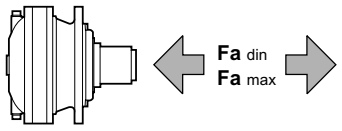
Code: 39126930100
Mat.: Acciaio legato ad elevata resistenza meccanica
Alloyed steel with high mechanical resistance
Legierungsstahl mit hoher mechanischer Festigkeit
Alliage d'acier à haute résistance mécanique
Aleación de acero de elevada resistencia mecánica
Aço ligado de elevada resistência mecânica

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



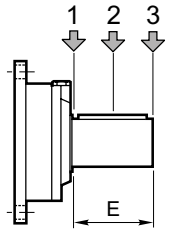


Carichi assiali / Axial loads / Axialkräfte / Charges axiales / Cargas axiales / Forças axiais



		Flange mounted		PD-PDA
		MN-MN1	MR-MR1	MR1
Fadin	[N]	—	35000	25000
Famax	[N]	—	60000	25000

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]					
		$n_1 . h = 10^7$			$n_1 . h = 10^8$		
		1	**2**	**3**	**1**	**2**	**3**
SU2	58	3000	2000	1500	1400	1000	700