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.

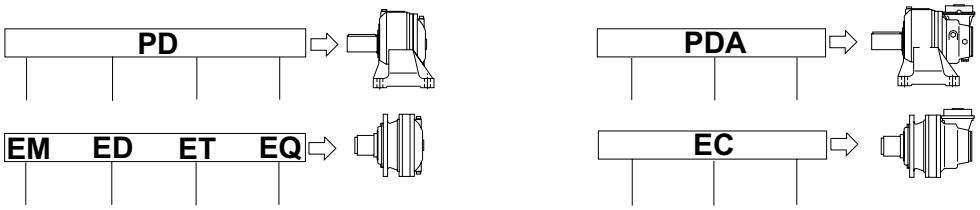
1. DESCRIZIONE RIDUTTORI

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

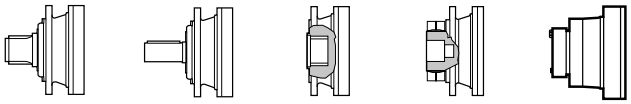
020, 010, 020, 010, 020, 010

MR

Configurazione uscita
Output configuration
Abtriebsanordnung

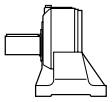
Versione con flangia / Flanged version / Version mit flansch

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**

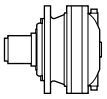
7. DATI TECNICI E TAVOLE DIMENSIONALI
TECHNICAL DATA AND DIMENSIONAL DRAWINGS
TECHNISCHE DATEN UND MASSBILDER
CARACTERISTIQUES TECHNIQUES ET PLANCHES DES DIMENSIONS
DATOS TÉCNICOS Y DISEÑOS DIMENSIONALES
DADOS TÉCNICOS E TABELAS DIMENSIONAIS



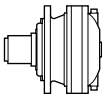
Serie Standard / Standard Series
Serie Standard / Série Standard
Serie Standard / Série Standard

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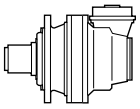
Type	i_{eff}	T_N [Nm]			
010	3.38 - 3282	1000	B40x36 DIN5482	42	34
020	3.08 - 3235	2100	B58x53 DIN5482	65	46
030	15.37 - 3097	3800	B58x53 DIN5482	65	60
040	15.37 - 3170	3800	B58x53 DIN5482	65	72
045	3.50 - 3301	3800	B58x53 DIN5482	65	80
046	3.50 - 3301	3800	B58x53 DIN5482	65	94
065	3.50 - 3170	6400	B70x64 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]		
EM 1045											
3.50	429	1565	70	286	1767	53	143	2175	32.6	6000	
4.13	363	1617	62	242	1827	46.3	121	2249	28.5	6000	
5.17	290	1682	51	193	1900	38.5	97	2339	23.7	6000	20
6.00	250	1732	45.4	167	1956	34.1	83	2173	19.0	6000	
7.25	207	1582	34.3	138	1695	24.5	69	1868	13.5	6000	
ED 2045											
10.78	139	2193	32.0	93	2476	24.1	46.4	3049	14.8	6000	
12.25	122	2278	29.2	82	2573	22.0	40.8	3168	13.5	6000	
14.46	104	2394	26.0	69	2704	19.6	34.6	3329	12.1	6000	
17.06	88	2475	22.8	59	2795	17.2	29.3	3393	10.4	6000	
18.10	83	2561	22.2	55	2893	16.7	27.6	3562	10.3	6000	
21.00	71	2678	20.0	47.6	3025	15.1	23.8	3724	9.3	6000	
25.38	59	2835	17.6	39.4	3202	13.2	19.7	3553	7.3	6000	15
29.94	50	2931	15.4	33.4	3310	11.6	16.7	3583	6.3	6000	
31.02	48.4	2582	13.1	32.2	2698	9.1	16.1	2893	4.9	6000	
36.00	41.7	2358	10.3	27.8	2463	7.2	13.9	2640	3.8	6000	
43.50	34.5	2407	8.7	23.0	2511	6.0	11.5	2689	3.2	6000	
52.56	28.5	2070	6.2	19.0	2161	4.3	9.5	2319	2.3	6000	
ET 3045											
53.78	27.9	3552	10.4	18.6	3961	7.7	9.3	4314	4.2	6000	
63.46	23.6	3732	9.2	15.8	4022	6.6	7.9	4469	3.7	6000	
73.50	20.4	3901	8.3	13.6	4077	5.8	6.8	4609	3.3	6000	
79.44	18.9	3955	7.8	12.6	4106	5.4	6.3	4684	3.1	6000	
92.19	16.3	4010	6.8	10.8	4174	4.7	5.4	4831	2.7	6000	
100.3	15.0	4042	6.3	10.0	4250	4.4	5.0	4915	2.6	6000	
108.6	13.8	4071	5.9	9.2	4323	4.2	4.6	4996	2.4	6000	
125.6	11.9	4125	5.2	8.0	4459	3.7	4.0	5146	2.1	6000	
145.7	10.3	4221	4.6	6.9	4601	3.3	3.4	5088	1.8	6000	10
152.3	9.9	3846	4.0	6.6	4014	2.8	3.3	4302	1.5	6000	
176.1	8.5	3907	3.5	5.7	4074	2.4	2.8	4363	1.3	6000	
207.8	7.2	3970	3.0	4.8	4326	2.2	2.4	4941	1.2	6000	
224.2	6.7	4035	2.8	4.5	4395	2.1	2.2	4798	1.1	6000	
260.2	5.8	4165	2.5	3.8	4532	1.8	1.9	4970	1.0	6000	
280.7	5.3	3302	1.8	3.6	3605	1.3	1.8	4167	0.78	6000	
314.4	4.8	4334	2.2	3.2	4711	1.6	1.6	5022	0.84	6000	
364.8	4.1	2542	1.1	2.7	2788	0.80	1.4	3244	0.47	6000	
EQ 4045											
404.7	3.7	5051	2.0	2.5	5245	1.4	1.2	5615	0.73	6000	
441.0	3.4	5312	1.9	2.3	5418	1.3	1.1	5684	0.68	6000	
510.1	2.9	5382	1.7	2.0	5439	1.1	0.98	5803	0.60	6000	
551.3	2.7	5393	1.5	1.8	5449	1.0	0.91	5867	0.56	6000	
639.8	2.3	5270	1.3	1.6	5470	0.90	0.78	5992	0.49	6000	
696.2	2.2	5425	1.2	1.4	5495	0.83	0.72	6000	0.45	6000	
773.1	1.9	4524	0.92	1.3	4698	0.64	0.65	5463	0.37	6000	
913.5	1.6	4595	0.79	1.1	4866	0.56	0.55	5662	0.33	6000	
1011	1.5	5477	0.85	0.99	5796	0.60	0.49	6000	0.31	6000	
1140	1.3	5565	0.77	0.88	5895	0.54	0.44	6000	0.28	6000	6
1222	1.2	4743	0.61	0.82	5190	0.45	0.41	6021	0.26	6000	
1442	1.0	5337	0.58	0.69	5652	0.41	0.35	6226	0.23	6000	
1599	0.94	5036	0.50	0.63	5502	0.36	0.31	6366	0.21	6000	
1849	0.81	5200	0.44	0.54	5676	0.32	0.27	6559	0.19	6000	
1995	0.75	4415	0.35	0.50	4530	0.24	0.25	4730	0.12	6000	
2315	0.65	5124	0.35	0.43	5257	0.24	0.22	5489	0.12	6000	
2623	0.57	4633	0.28	0.38	5013	0.20	0.19	5720	0.11	6000	
2798	0.54	5687	0.32	0.36	6000	0.23	0.18	6000	0.11	6000	
3301	0.45	5997	0.29	0.30	6000	0.19	0.15	6000	0.09	6000	



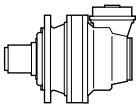
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EM 1045											
3.50	429	2764	124	286	3122	93	143	3773	56	6000	
4.13	363	2858	109	242	3112	79	121	3449	43.7	6000	
5.17	290	2411	73	193	2592	53	97	2855	28.9	6000	20
6.00	250	2238	59	167	2391	41.7	83	2618	22.8	6000	
7.25	207	1953	42.3	138	2077	30.0	69	2267	16.4	6000	
ED 2045											
10.78	139	3786	55	93	3980	38.7	46.4	4542	22.1	6000	
12.25	122	3849	49.4	82	4038	34.5	40.8	4671	20.0	6000	
14.46	104	3928	42.7	69	4147	30.0	34.6	4841	17.5	6000	
17.06	88	3585	33.0	59	3753	23.0	29.3	4381	13.5	6000	
18.10	83	4031	35.0	55	4368	25.3	27.6	5077	14.7	6000	
21.00	71	4116	30.8	47.6	4516	22.5	23.8	4974	12.4	6000	
25.38	59	3705	22.9	39.4	3933	16.2	19.7	4283	8.8	6000	15
29.94	50	3892	20.4	33.4	4260	14.9	16.7	4921	8.6	6000	
31.02	48.4	3085	15.6	32.2	3352	11.3	16.1	3901	6.6	6000	
36.00	41.7	2823	12.3	27.8	3053	8.9	13.9	3555	5.2	6000	
43.50	34.5	2905	10.5	23.0	3186	7.7	11.5	3700	4.5	6000	
52.56	28.5	2504	7.5	19.0	2753	5.5	9.5	3211	3.2	6000	
ET 3045											
53.78	27.9	5067	14.8	18.6	5371	10.5	9.3	5509	5.4	6000	
63.46	23.6	5244	13.0	15.8	5397	8.9	7.9	5643	4.7	6000	
73.50	20.4	5356	11.4	13.6	5419	7.7	6.8	5763	4.1	6000	
79.44	18.9	5369	10.6	12.6	5431	7.2	6.3	5828	3.8	6000	
92.19	16.3	5186	8.8	10.8	5404	6.1	5.4	5953	3.4	6000	
100.3	15.0	5405	8.5	10.0	5466	5.7	5.0	6000	3.1	6000	
108.6	13.8	5417	7.8	9.2	5517	5.3	4.6	6000	2.9	6000	
125.6	11.9	5439	6.8	8.0	5634	4.7	4.0	6000	2.5	6000	
145.7	10.3	5452	5.9	6.9	5756	4.1	3.4	6000	2.1	6000	10
152.3	9.9	4609	4.8	6.6	4961	3.4	3.3	5779	2.0	6000	
176.1	8.5	4677	4.2	5.7	5127	3.0	2.8	5961	1.8	6000	
207.8	7.2	5299	4.0	4.8	5616	2.8	2.4	6189	1.6	6000	
224.2	6.7	4963	3.5	4.5	5127	2.4	2.2	5390	1.3	6000	
260.2	5.8	5473	3.3	3.8	5797	2.3	1.9	6000	1.2	6000	
280.7	5.3	4887	2.7	3.6	5290	2.0	1.8	6039	1.1	6000	
314.4	4.8	5622	2.8	3.2	5953	2.0	1.6	6000	1.0	6000	
364.8	4.1	3829	1.6	2.7	4156	1.2	1.4	4763	0.68	6000	
EQ 4045											
404.7	3.7	6000	2.3	2.5	6000	1.6	1.2	6000	0.75	6000	
441.0	3.4	6000	2.1	2.3	6000	1.4	1.1	6000	0.69	6000	
510.1	2.9	6000	1.8	2.0	6000	1.3	0.98	6000	0.62	6000	
551.3	2.7	6000	1.7	1.8	6000	1.1	0.91	6000	0.57	6000	
639.8	2.3	6000	1.4	1.6	6000	1.0	0.78	6000	0.49	6000	
696.2	2.2	6000	1.4	1.4	6000	0.88	0.72	6000	0.45	6000	
773.1	1.9	6000	1.2	1.3	6000	0.82	0.65	6000	0.41	6000	
913.5	1.6	6000	1.0	1.1	6000	0.69	0.55	6000	0.35	6000	
1011	1.5	6000	0.94	0.99	6000	0.62	0.49	6000	0.31	6000	
1140	1.3	6000	0.82	0.88	6000	0.55	0.44	6000	0.28	6000	6
1222	1.2	6000	0.75	0.82	6000	0.52	0.41	6000	0.26	6000	
1442	1.0	6000	0.63	0.69	6000	0.43	0.35	6000	0.22	6000	
1599	0.94	6000	0.59	0.63	6000	0.40	0.31	6000	0.19	6000	
1849	0.81	6000	0.51	0.54	6000	0.34	0.27	6000	0.17	6000	
1995	0.75	5123	0.40	0.50	5451	0.29	0.25	6000	0.16	6000	
2315	0.65	5945	0.40	0.43	6000	0.27	0.22	6000	0.14	6000	
2623	0.57	6000	0.36	0.38	6000	0.24	0.19	6000	0.12	6000	
2798	0.54	6000	0.34	0.36	6000	0.23	0.18	6000	0.11	6000	
3301	0.45	6000	0.28	0.30	6000	0.19	0.15	6000	0.09	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 2045 - PDA 2045											
10.50	143	2175	32.6	95	2457	24.5	47.6	3025	15.1	6000	
12.39	121	2249	28.5	81	2540	21.5	40.4	3127	13.2	6000	
16.17	93	1582	15.4	62	1787	11.6	30.9	2200	7.1	6000	10
18.00	83	2173	19.0	56	2283	13.3	27.8	2463	7.2	6000	
19.08	79	1867	15.4	52	2109	11.6	26.2	2596	7.1	6000	
21.75	69	1868	13.5	46.0	1962	9.4	23.0	2119	5.1	6000	
23.89	63	2337	15.4	41.9	2624	11.5	20.9	2820	6.2	6000	
27.72	54	2290	13.0	36.1	2396	9.1	18.0	2573	4.9	6000	
33.50	44.8	1968	9.2	29.9	2060	6.4	14.9	2216	3.5	6000	
EC 3045 - PDA 3045											
36.75	40.8	3168	13.5	27.2	3578	10.2	13.6	4077	5.8	6000	
43.37	34.6	3329	12.1	23.1	3760	9.1	11.5	4138	5.0	6000	
49.80	30.1	3471	10.9	20.1	3920	8.2	10.0	4244	4.5	6000	
56.60	26.5	3606	10.0	17.7	3980	7.4	8.8	4362	4.0	6000	
63.00	23.8	3724	9.3	15.9	4020	6.7	7.9	4462	3.7	6000	
73.57	20.4	2827	6.0	13.6	2941	4.2	6.8	3139	2.2	6000	
83.60	17.9	3974	7.5	12.0	4125	5.2	6.0	4734	3.0	6000	
89.83	16.7	3583	6.3	11.1	3719	4.3	5.6	4196	2.4	6000	
97.02	15.5	4029	6.5	10.3	4220	4.6	5.2	4882	2.6	6000	7
114.5	13.1	3664	5.0	8.7	3810	3.5	4.4	4414	2.0	6000	
123.5	12.1	2973	3.8	8.1	3088	2.6	4.0	3508	1.5	6000	
138.3	10.8	3728	4.2	7.2	3969	3.0	3.6	4590	1.7	6000	
166.3	9.0	2752	2.6	6.0	2858	1.8	3.0	3296	1.0	6000	
173.2	8.7	3069	2.8	5.8	3246	2.0	2.9	3770	1.1	6000	
201.0	7.5	2801	2.2	5.0	2951	1.5	2.5	3432	0.89	6000	
242.8	6.2	2419	1.6	4.1	2541	1.1	2.1	2970	0.64	6000	
EC 4045 - PDA 4045											
276.6	5.4	4831	2.7	3.6	5063	1.9	1.8	5396	1.0	6000	
310.3	4.8	4946	2.5	3.2	5369	1.8	1.6	5466	0.92	6000	
347.1	4.3	4978	2.3	2.9	5171	1.6	1.4	5493	0.83	6000	
414.7	3.6	5246	2.0	2.4	5410	1.4	1.2	5635	0.71	6000	
450.8	3.3	5103	1.8	2.2	5297	1.2	1.1	5702	0.66	6000	
498.3	3.0	5379	1.7	2.0	5435	1.1	1.0	5784	0.61	6000	
570.0	2.6	4066	1.1	1.8	4179	0.77	0.88	4372	0.40	6000	
625.0	2.4	5259	1.3	1.6	5456	0.91	0.80	5972	0.50	6000	
712.7	2.1	5322	1.2	1.4	5514	0.81	0.70	6000	0.44	6000	
799.3	1.9	4538	0.89	1.3	4722	0.62	0.63	5502	0.36	6000	
929.1	1.6	4202	0.71	1.1	4315	0.49	0.54	4509	0.25	6000	
988.1	1.5	5474	0.87	1.0	5777	0.61	0.51	6000	0.32	6000	3
1078	1.4	4877	0.71	0.93	5008	0.49	0.46	5233	0.25	6000	
1194	1.3	4718	0.62	0.84	5164	0.45	0.42	5991	0.26	6000	
1409	1.1	5319	0.59	0.71	5633	0.42	0.35	6000	0.22	6000	
1593	0.94	4738	0.47	0.63	5130	0.34	0.31	5859	0.19	6000	
1806	0.83	5174	0.45	0.55	5648	0.33	0.28	6000	0.18	6000	
1925	0.78	4918	0.40	0.52	5322	0.29	0.26	6000	0.16	6000	
2208	0.68	5052	0.36	0.45	5465	0.26	0.23	6000	0.14	6000	
2563	0.59	4611	0.28	0.39	4990	0.20	0.20	5695	0.12	6000	
2668	0.56	5242	0.31	0.37	5666	0.22	0.19	6000	0.12	6000	
3097	0.48	4785	0.24	0.32	5176	0.18	0.16	5900	0.10	6000	

Tutti i rapporti evidenziati (es. 10.50) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
All ratios grey highlighted (ex. 10.50) have specific dimensions of the bevel gear set in some versions; see dimensional tables.
Alle mit (es. 10.50) gekennzeichneten Übersetzungen haben in bestimmten Versionen besondere Dimensionen des Kegelradtriebs. Siehe auch Dimensionstabellen.
Les rapports repérés par (es. 10.50) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
Todas las relaciones indicadas con (es. 10.50) tienen dimensiones particulares del par cónico según las versiones; ver las tablas de dimensión.
As relações marcadas com (es. 10.50) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

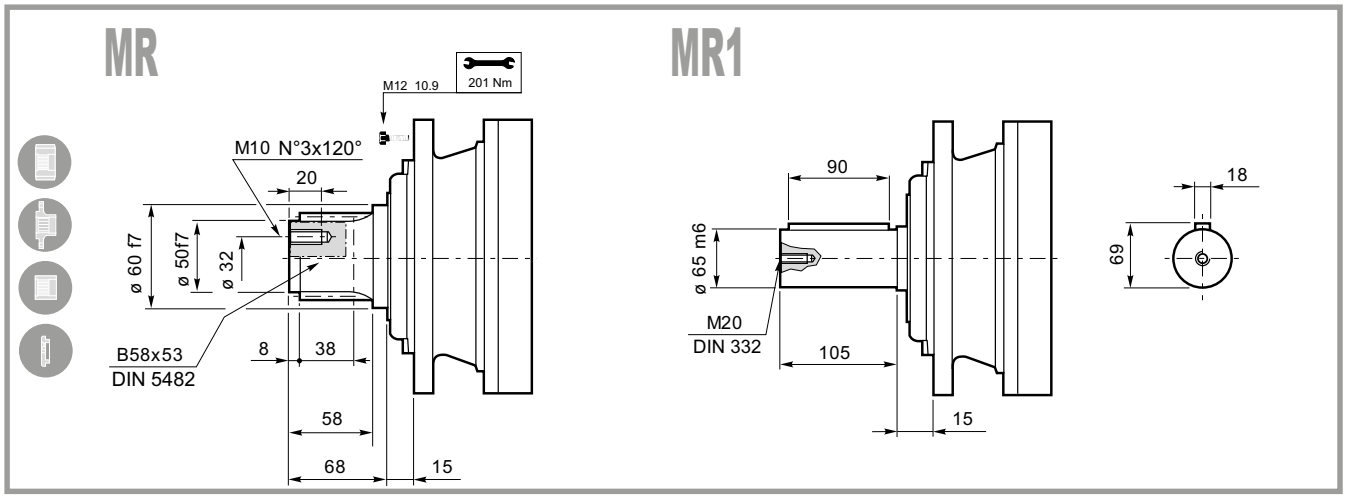
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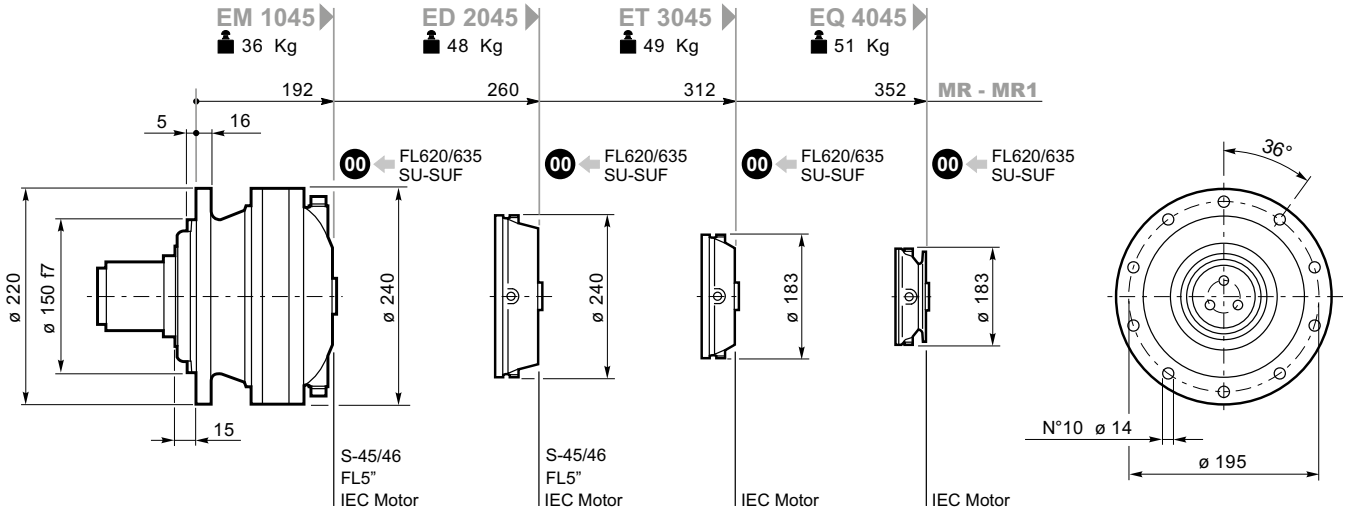


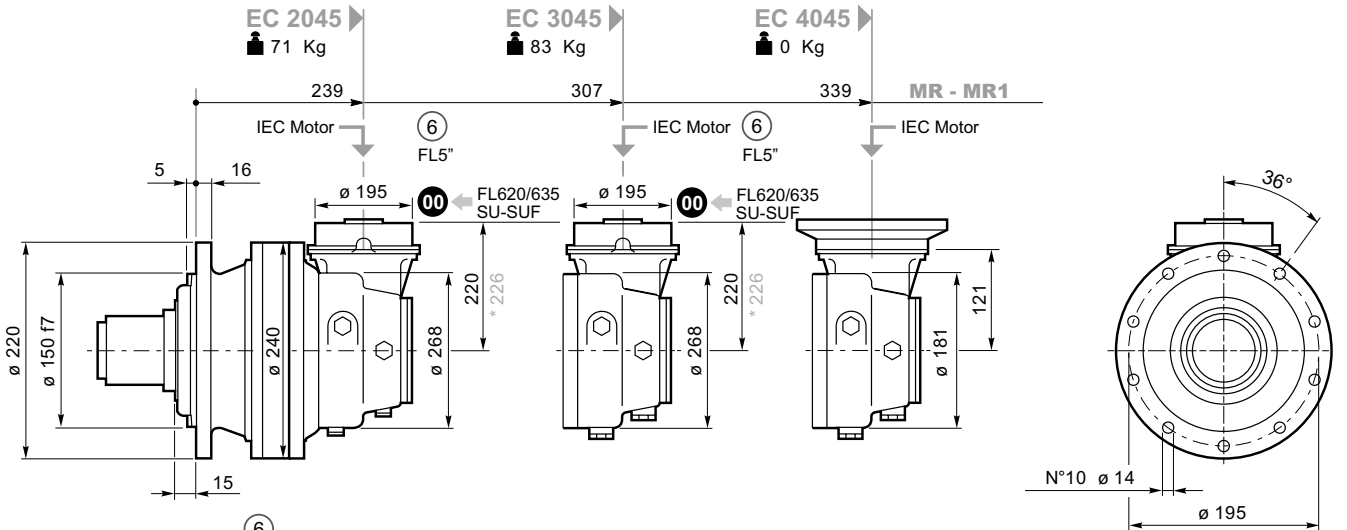
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EC 2045 - PDA 2045											
10.50	143	3773	56	95	3968	39.6	47.6	4516	22.5	6000	
12.39	121	3449	43.7	81	3620	30.6	40.4	4086	17.3	6000	
16.17	93	2796	27.2	62	3157	20.5	30.9	3887	12.6	6000	
18.00	83	2618	22.8	56	2739	15.9	27.8	3053	8.9	6000	
19.08	79	3299	27.2	52	3726	20.5	26.2	4488	12.3	6000	10
21.75	69	2267	16.4	46.0	2371	11.4	23.0	2636	6.3	6000	
23.89	63	3001	19.7	41.9	3156	13.8	20.9	3688	8.1	6000	
27.72	54	2747	15.6	36.1	2875	10.9	18.0	3360	6.3	6000	
33.50	44.8	2378	11.2	29.9	2480	7.8	14.9	2908	4.5	6000	
EC 3045 - PDA 3045											
36.75	40.8	4671	20.0	27.2	5093	14.5	13.6	5419	7.7	6000	
43.37	34.6	4841	17.5	23.1	5271	12.7	11.5	5444	6.6	6000	
49.80	30.1	4986	15.7	20.1	5359	11.3	10.0	5465	5.7	6000	
56.60	26.5	5121	14.2	17.7	5379	10.0	8.8	5550	5.1	6000	
63.00	23.8	4974	12.4	15.9	5200	8.6	7.9	5637	4.7	6000	
73.57	20.4	3709	7.9	13.6	4043	5.8	6.8	4659	3.3	6000	
83.60	17.9	5377	10.1	12.0	5439	6.8	6.0	5870	3.7	6000	
89.83	16.7	4921	8.6	11.1	4977	5.8	5.6	5500	3.2	6000	7
97.02	15.5	5214	8.4	10.3	5450	5.9	5.2	5996	3.2	6000	
114.5	13.1	4955	6.8	8.7	5155	4.7	4.4	5693	2.6	6000	
123.5	12.1	4139	5.3	8.1	4497	3.8	4.0	5161	2.2	6000	
138.3	10.8	4995	5.7	7.2	5298	4.0	3.6	5847	2.2	6000	
166.3	9.0	3892	3.7	6.0	4228	2.7	3.0	4851	1.5	6000	
173.2	8.7	4437	4.0	5.8	4813	2.9	2.9	5509	1.7	6000	
201.0	7.5	4046	3.2	5.0	4392	2.3	2.5	5032	1.3	6000	
242.8	6.2	3520	2.3	4.1	3828	1.7	2.1	4399	0.95	6000	
EC 4045 - PDA 4045											
276.6	5.4	5953	3.4	3.6	6000	2.3	1.8	6000	1.1	6000	
310.3	4.8	6000	3.0	3.2	6000	2.0	1.6	6000	1.0	6000	
347.1	4.3	6000	2.7	2.9	6000	1.8	1.4	6000	0.88	6000	
414.7	3.6	6000	2.3	2.4	6000	1.5	1.2	6000	0.75	6000	
450.8	3.3	6000	2.1	2.2	6000	1.4	1.1	6000	0.69	6000	
498.3	3.0	6000	1.9	2.0	6000	1.3	1.0	6000	0.63	6000	
570.0	2.6	4568	1.3	1.8	4695	0.86	0.88	5003	0.46	6000	
625.0	2.4	6000	1.5	1.6	6000	1.0	0.80	6000	0.50	6000	
712.7	2.1	6000	1.3	1.4	6000	0.88	0.70	6000	0.44	6000	
799.3	1.9	6000	1.2	1.3	6000	0.82	0.63	6000	0.40	6000	
929.1	1.6	4721	0.80	1.1	4848	0.55	0.54	5392	0.30	6000	3
988.1	1.5	6000	0.94	1.0	6000	0.63	0.51	6000	0.32	6000	
1078	1.4	5479	0.80	0.93	5626	0.55	0.46	6000	0.29	6000	
1194	1.3	6000	0.82	0.84	6000	0.53	0.42	6000	0.26	6000	
1409	1.1	6000	0.69	0.71	6000	0.45	0.35	6000	0.22	6000	
1593	0.94	6000	0.59	0.63	6000	0.40	0.31	6000	0.19	6000	
1806	0.83	6000	0.52	0.55	6000	0.35	0.28	6000	0.18	6000	
1925	0.78	6000	0.49	0.52	6000	0.33	0.26	6000	0.16	6000	
2208	0.68	6000	0.43	0.45	6000	0.28	0.23	6000	0.14	6000	
2563	0.59	6000	0.37	0.39	6000	0.25	0.20	6000	0.13	6000	
2668	0.56	6000	0.35	0.37	6000	0.23	0.19	6000	0.12	6000	
3097	0.48	6000	0.30	0.32	6000	0.20	0.16	6000	0.10	6000	

Tutti i rapporti evidenziati (es. 10.50) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
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Les rapports repérés par (es. 10.50) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
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As relações marcadas com (es. 10.50) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

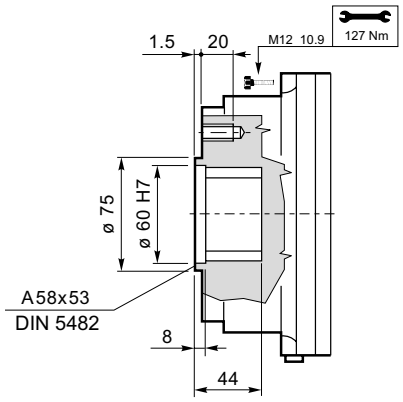
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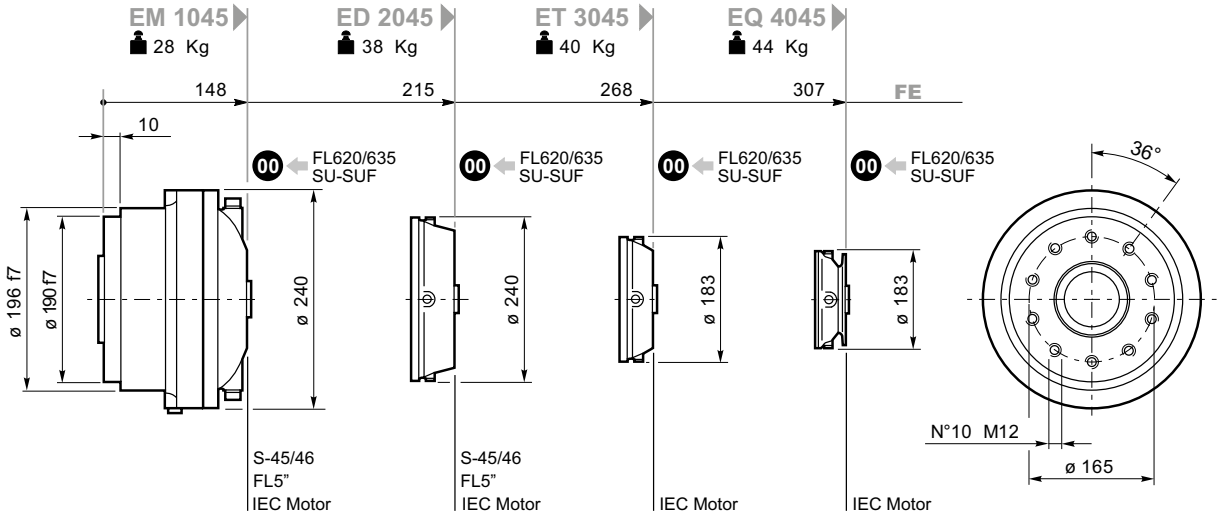


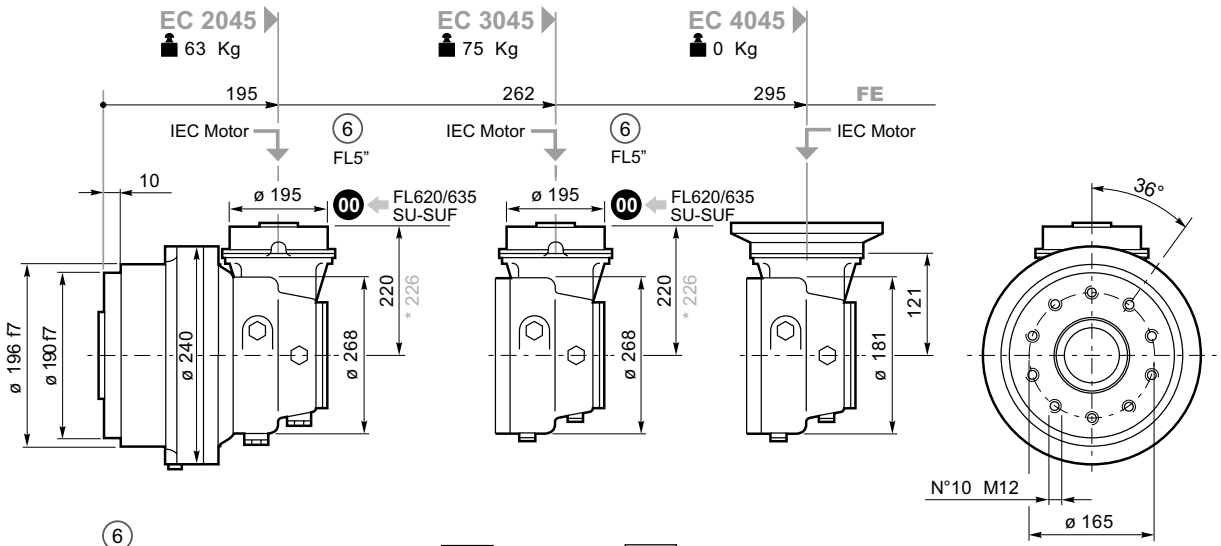




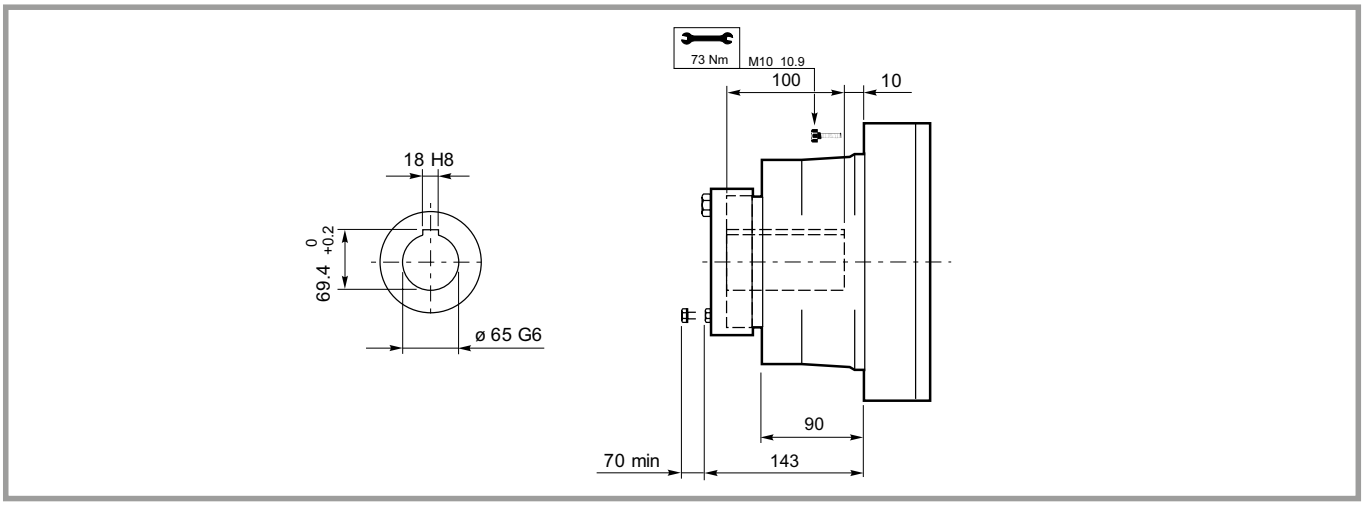
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6 S-45/46 FL5" FL620/635 SU-SUF 90
IEC Motor 91
* bg 82

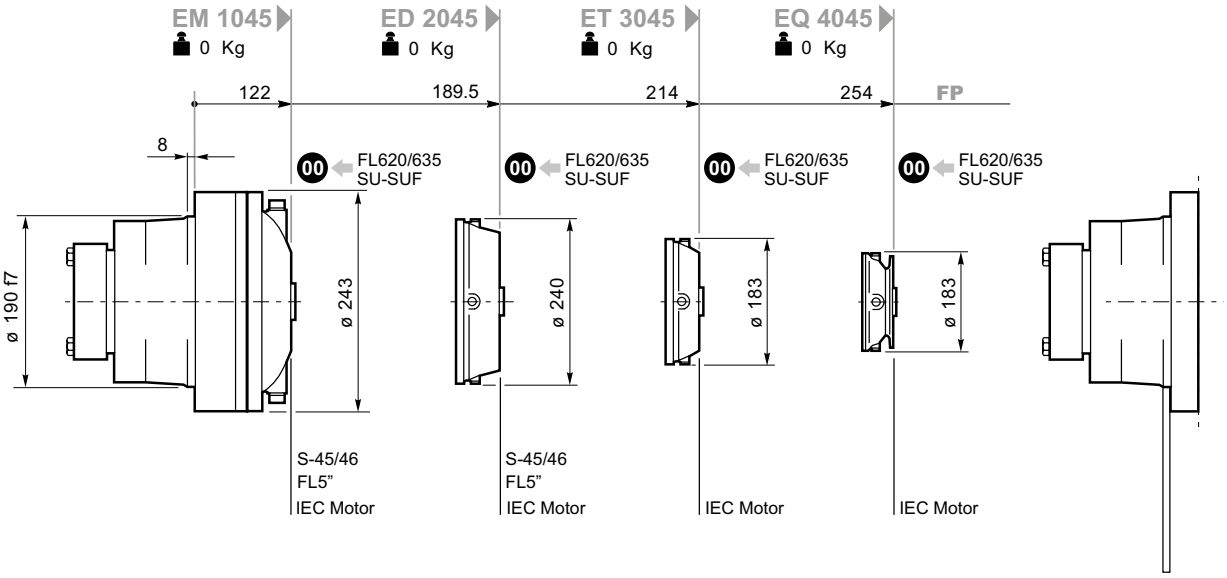


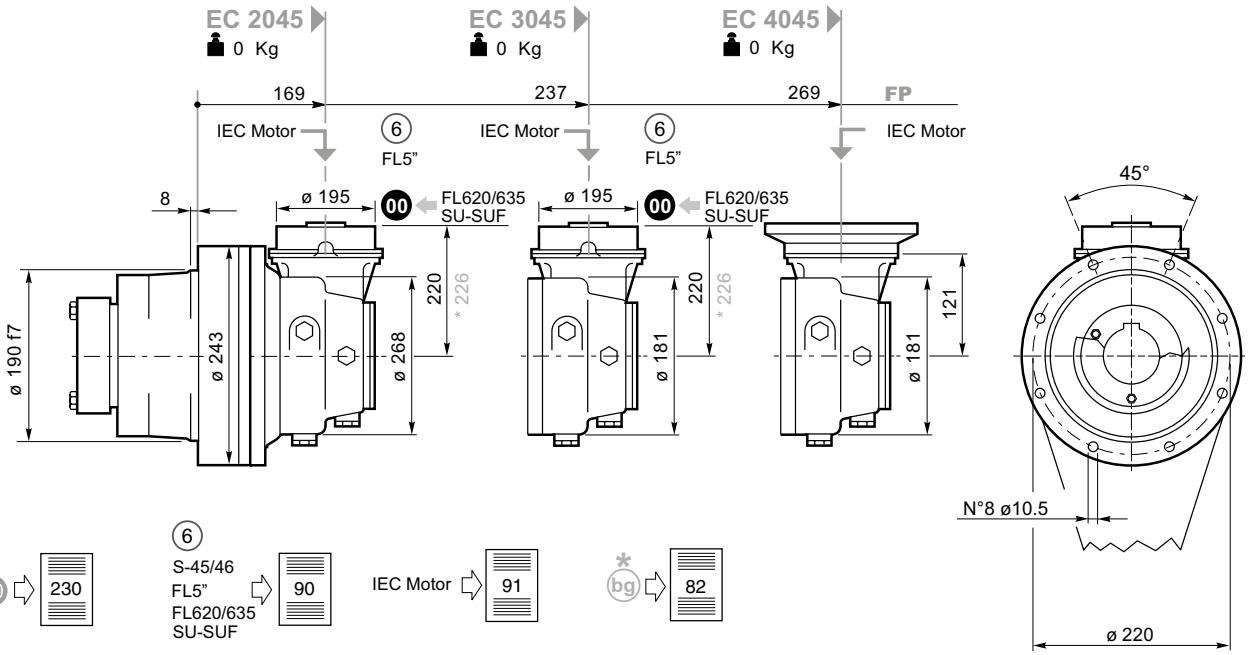




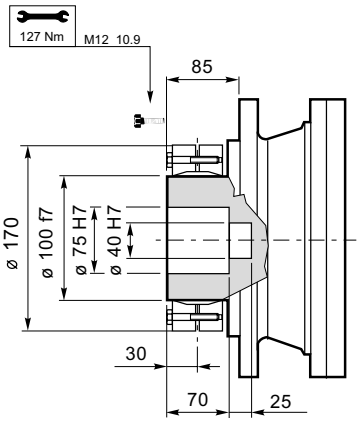
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IEC Motor ⇨ 91
* bg ⇨ 82

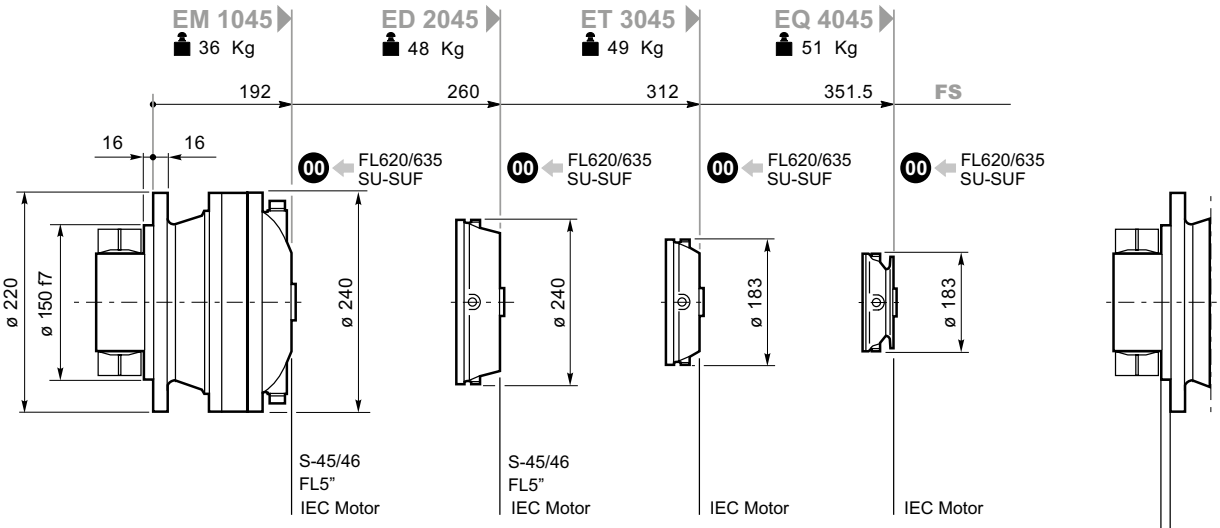


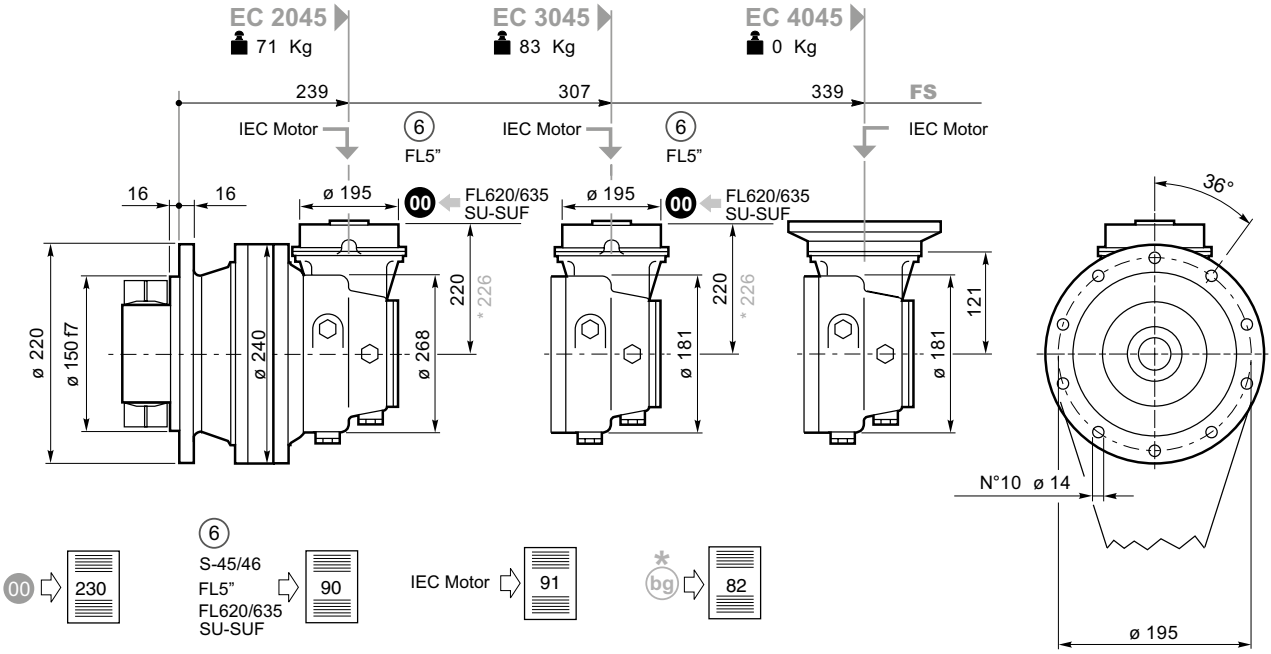




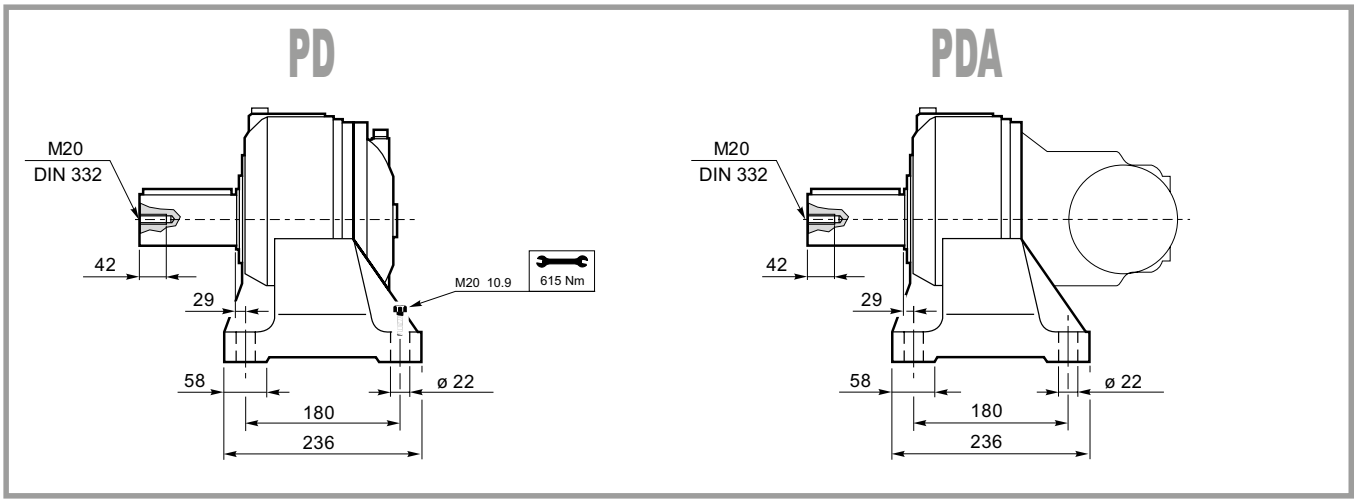
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IEC Motor 91
* bg 82

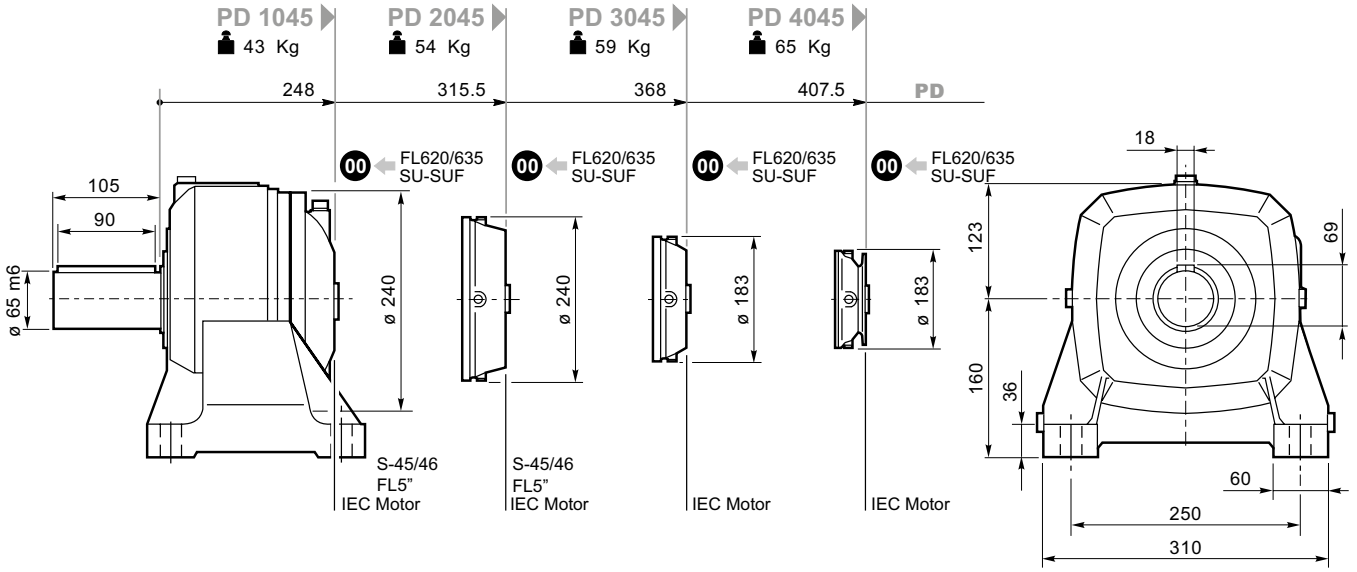


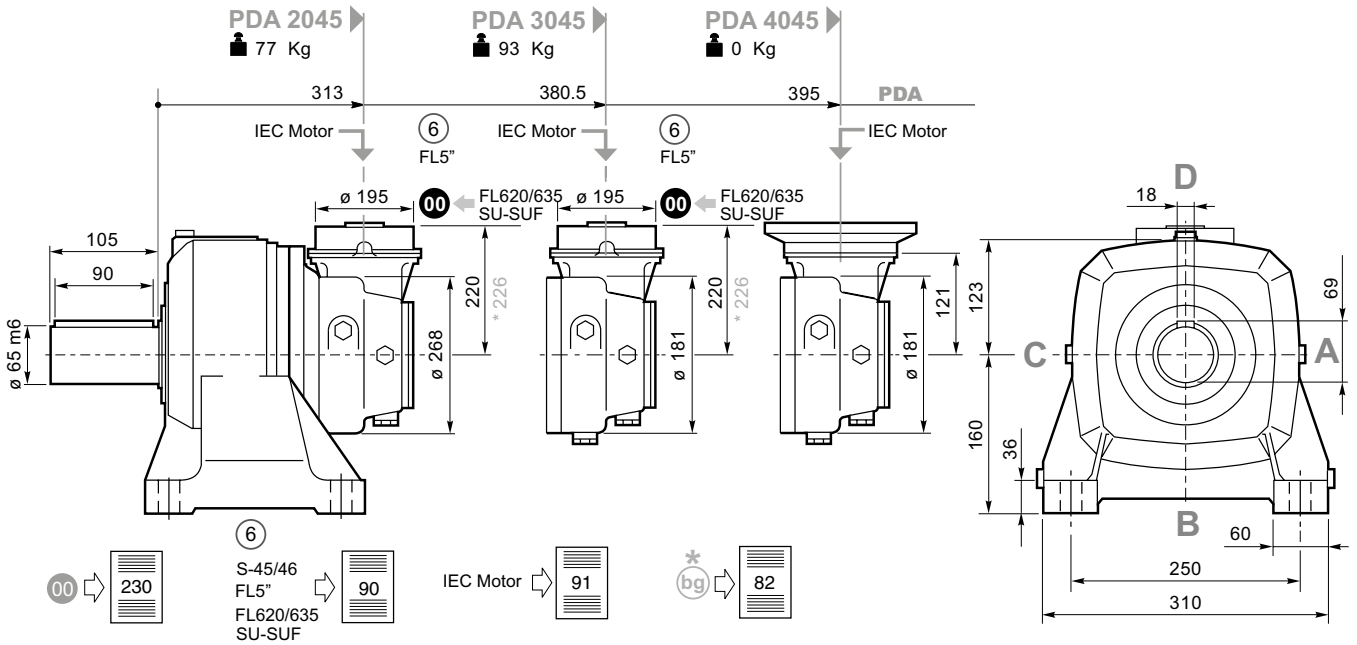




00 230
6 S-45/46 FL5" FL620/635 SU-SUF 90
IEC Motor 91
* bg 82


PD
PDA
M20
DIN 332
42
29
58
180
236
ø 22
M20 10.9
615 Nm


PD 1045
43 Kg
PD 2045
54 Kg
PD 3045
59 Kg
PD 4045
65 Kg
248
315.5
368
407.5
PD
00 FL620/635 SU-SUF
105
90
ø 65 m6
ø 240
ø 183
S-45/46 FL5" IEC Motor
18
123
69
160
36
60
250
310


PDA 2045
77 Kg
PDA 3045
93 Kg
PDA 4045
0 Kg
313
380.5
395
PDA
IEC Motor
6 FL5"
ø 195
00 FL620/635 SU-SUF
105
90
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123
160
36
60
250
310

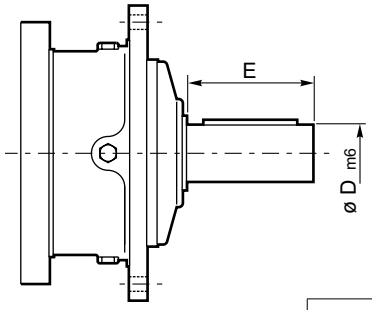
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IEC Motor 91
bg 82

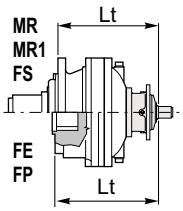
DANA BREVINI®

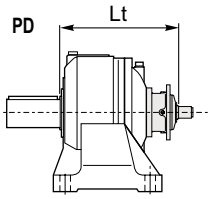
Motion Systems

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S45CR1-S46C1

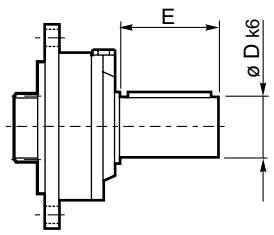




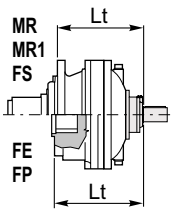


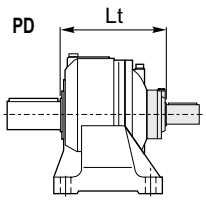
	D m6	E		Lt			
				MR-MR1-FS	FE	FP	PD
S45 CR1	65	105	**EM 1045**	255	211	185	311
			ED 2045	323	278	253	378.5
S46 C1	65	105	**EM 1045**	296	252	226	352
			ED 2045	364	319	294	419.5

SU2

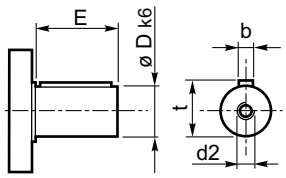


	D k6	E		Lt				
				MR MR1	FE	FS	FP	PD
SU 2	40	58	**EM 1045**	252	208	252	182	308
			ED 2045	320	275	320	250	375.5
			ET 3045	372	328	372	302	428
			EQ 4045	429	367	411.5	342	467.5

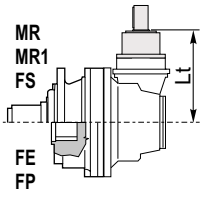


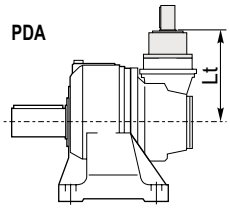


⑥ 48.82



	D	E		Lt
				MR-MR1-FS-FE-FP-PDA
48.82	48	82	**EC 2045**	280
			EC 3045	280





Per le configurazioni in entrata: S46C1, 48.82 (CC40 - CC41), FL5" è disponibile a richiesta il dispositivo antiritorno; per ulteriori informazioni e dati tecnici consultare il referente DANA di zona.

Anti-run back device is available for following input settings: S46C1, 48.82 (CC40 - CC41), FL5"; for further information and technical data please consult the DANA area contact person.

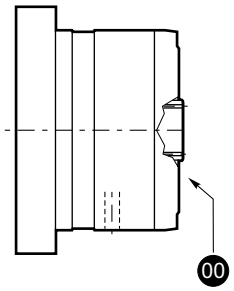
Für die Antriebskonfigurationen: S46C1, 48.82 (CC40 - CC41), FL5" ist auf Anfrage eine Rücklaufsperre verfügbar. Weitere Informationen und die Technischen Daten Sich an die DANA Kontaktperson der zone zu wenden.

Pour les configurations d'entrée : S46C1, 48.82 (CC40 - CC41), FL5" le dispositif antidévireur est disponible sur demande ; pour toute information supplémentaire ou toutes données techniques, consulter la personne de référence de la zone DANA.

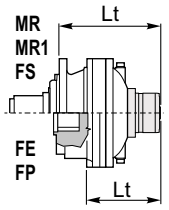
Para las configuraciones en entrada: S46C1, 48.82 (CC40 - CC41), FL5" , se encuentra disponible a pedido, el dispositivo antirretrocesos; para ulteriores informaciones y datos técnicos, consulte a la persona de contacto del área de DANA.

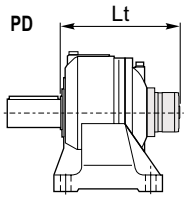
Para as configurações na entrada: S46C1, 48.82 (CC40 - CC41), FL5" está disponível, a pedido, o dispositivo contra-recuos; para mais informações e dados técnicos, consulte seu contato local da DANA.

FL250-FL350-FL450 FL750



		Lt			
		MR-MR1-FS	FE	FP	PD
FL250 FL350 FL450	EM 1045	285	241	215	342
	ED 2045	353	309	283	410
	EC 2045	280	280	280	280
	EC 2045*	377	377	377	377
	EC 3045	280	280	280	280
	EC 3045*	377	377	377	377
FL750	EM 1045	297	254	228	355
	ED 2045	366	322	296	423

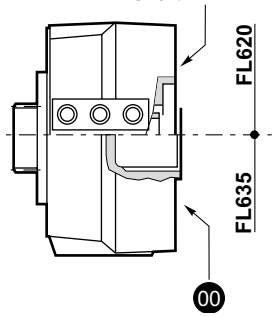




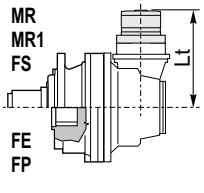
FL620.10
FL635.10

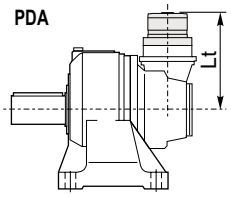
FL620.U-FL635.U

SAE A-AA
Shaft FE



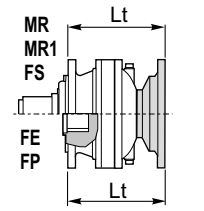
		Lt			
		MR-MR1-FS	FE	FP	PD
FL620.U	EM 1045	296.5	252.5	226.5	352.5
	ED 2045	364.5	319.5	294.5	420
	ET 3045	416.5	372.5	346.5	472.5
	EQ 4045	456.5	411.5	386.5	512
	EC 2045	324.5	324.5	324.5	324.5
	EC 2045*	330.5	330.5	330.5	330.5
	EC 3045	324.5	324.5	324.5	324.5
	EC 3045*	330.5	330.5	330.5	330.5
FL635.U	EM 1045	283	329	213	339
	ED 2045	351	306	281	406.5
	ET 3045	403	359	333	459
	EQ 4045	443	398	373	498.5
	EC 2045	311	311	311	311
	EC 2045*	317	317	317	317
	EC 3045	311	311	311	311
	EC 3045*	317	317	317	317
FL620.10	ET 3045	376	332	306	432
	EQ 4045	416	371	346	492
FL635.10	ET 3045	357	313	287	413
	EQ 4045	397	352	327	473

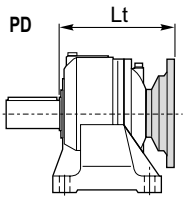


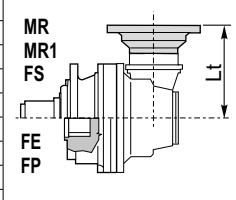


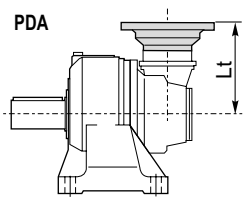
IEC Motor

		Lt							
		IEC 63	IEC 71	IEC 80 90	IEC 100 112	IEC 132	IEC 160 180	IEC 200	IEC 225
EM 1045	MR-MR1-FS	212	214	219	220	287	318	328	359
EM1045	FE	168	170	175	176	243	274	284	315
EM1045	FP								
ED 2045	MR-MR1-FS	280	282	287	288	355	386	396	427
ED 2045	FE	235	237	242	243	310	341	351	382
ED 2045	FP								
ET 3045	MR-MR1-FS	332	334	339	340	407			
ET 3045	FE	288	290	295	296	363			
ET 3045	FP								
EQ 4045	MR-MR1-FS	372	374	379	380	447			
EQ 4045	FE	327	329	334	335	402			
EQ 4045	FP								
PD 1045	PD	268	270	275	276	343	374	384	415
PD 2045	PD	336	338	343	344	411	442	452	
PD 3045	PD	388	390	395	396	463			
PD 4045	PD	428	430	435	436	503			
EC 2045	MR-MR1-FE-FS-FP-PDA	240	242	247	248	315	346		
EC 2045*	MR-MR1-FE-FS-FP-PDA	246	248	253	254	321	352		
EC 3045	MR-MR1-FE-FS-FP-PDA	240	242	247	248	315	346		
EC 3045*	MR-MR1-FE-FS-FP-PDA	246	248	253	254	321	352		
EC 4045	MR-MR1-FE-FS-FP-PDA	151	151	151	151	238			





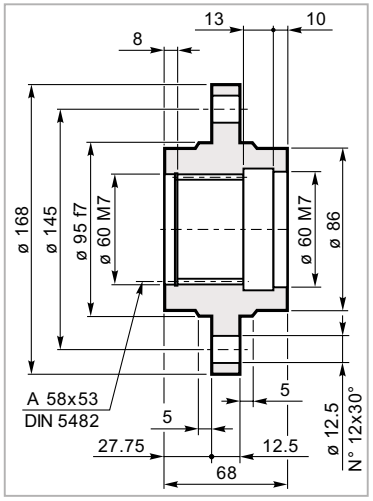




* bg 82

FA 045

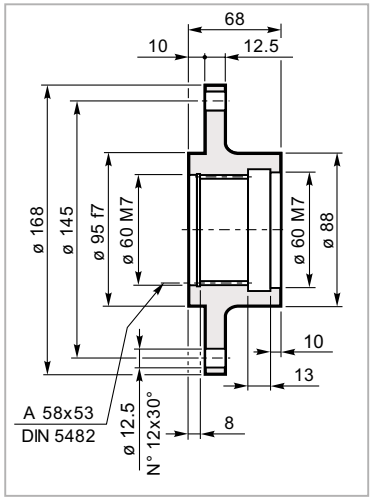
Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda



Mat. C40 UNI EN 10083
Code: 34700641800

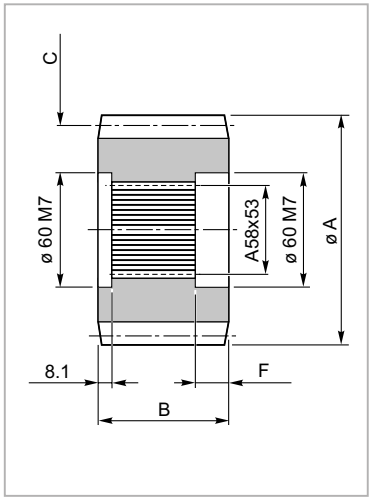
FR 045

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



Mat. C40 UNI EN 10083
Code:34700131800

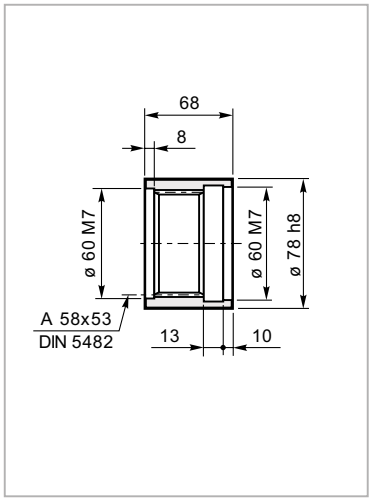
Pignoni
Pinion
Ritzel
Pignon
Piñones
Pinhões



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

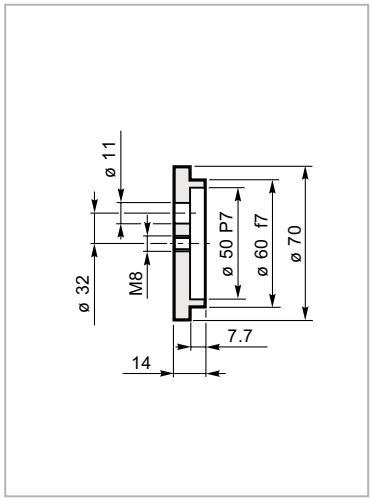
Manicotto scanalato
Splined bush
Keilmuffe
Manchon cannelée
Manguito acanalado
Luva ranhurada



Mat. 39NiCrMo3 UNI EN 10083
Code: 39102848500

RDF 045

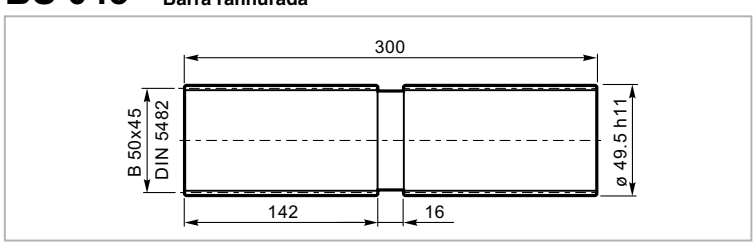
Rondella di fermo
Shaft cover
Gegenscheibe
Rondelle frein
Arandela de bloqueo
Amuela de encosto



Mat. C40 UNI EN 10083
Code: 37201040800

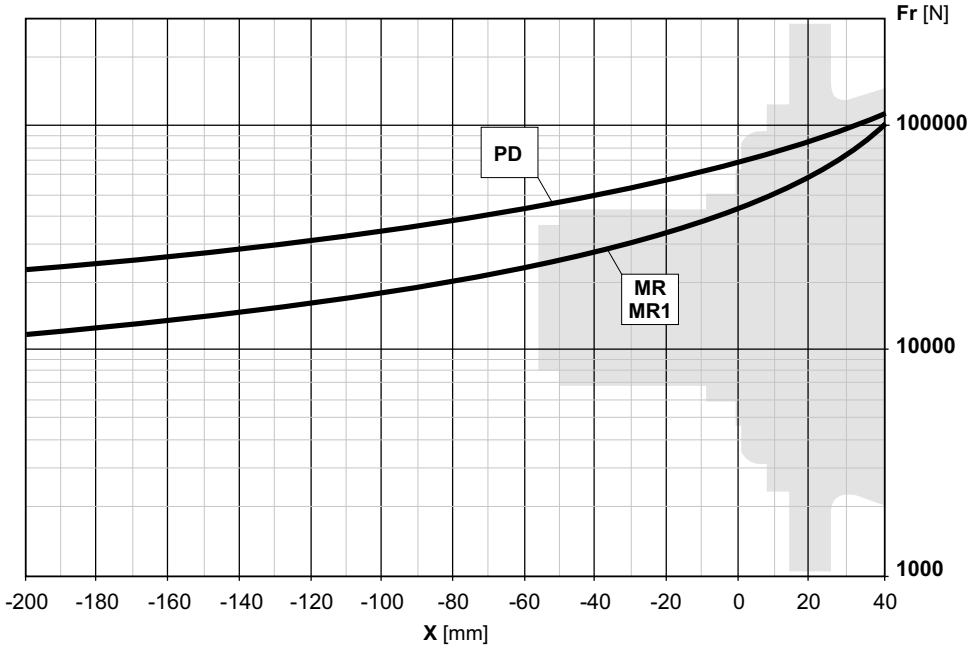
BS 045

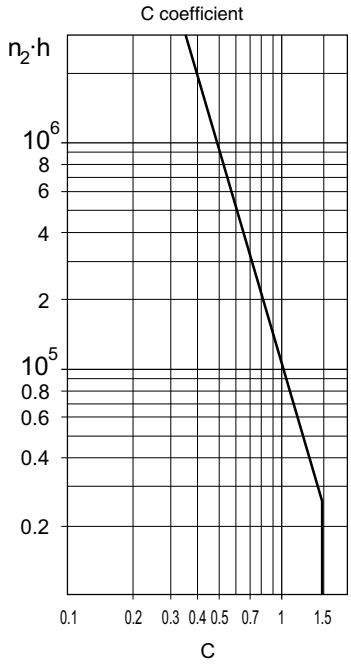
Barra scanalata
Splined bar
Zugspindel
Barre cannelée
Barra acanalada
Barra ranhurada



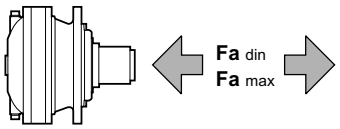
Code: 39126930100
Mat.: Acciaio legato ad elevata resistenza meccanica
Alloyed steel with high mechanical resistance
Legierungsstahl mit hoher mechanischer Festigkeit
Alliage d'acier à haute résistance mécanique
Aleación de acero de elevada resistencia mecánica
Aço ligado de elevada resistência mecânica

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



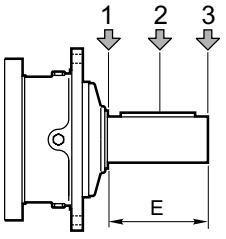


Carichi assiali / Axial loads / Axialkräfte / Charges axiales / Cargas axiales / Forças axiais

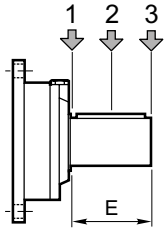


		Flange mounted		PD-PDA
		MN-MN1	MR-MR1	MR1
Fadin	[N]	—	35000	25000
Famax	[N]	—	60000	25000

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**
S45 CR1	105	10000	6000	4000	5000	3000	2000
S46 C1	105	104000	8800	6400	7000	4400	3200



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