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.

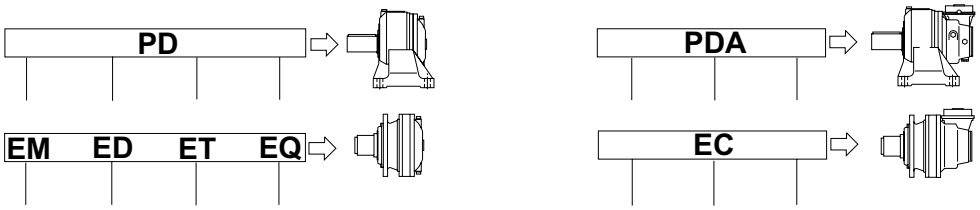
1. DESCRIZIONE RIDUTTORI

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

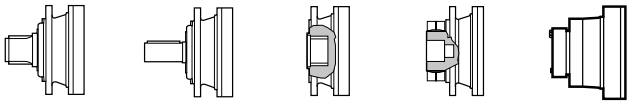
020, 010, 020, 010, 020, 010

MR

Configurazione uscita
Output configuration
Abtriebsanordnung

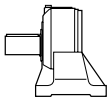
Versione con flangia / Flanged version / Version mit flansch

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**

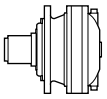
7. DATI TECNICI E TAVOLE DIMENSIONALI
TECHNICAL DATA AND DIMENSIONAL DRAWINGS
TECHNISCHE DATEN UND MASSBILDER
CARACTERISTIQUES TECHNIQUES ET PLANCHES DES DIMENSIONS
DATOS TÉCNICOS Y DISEÑOS DIMENSIONALES
DADOS TÉCNICOS E TABELAS DIMENSIONAIS



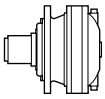
Serie Standard / Standard Series
Serie Standard / Série Standard
Serie Standard / Série Standard

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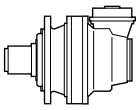
Type	i_{eff}	T_N [Nm]			
010	3.38 - 3282	1000	B40x36 DIN5482	42	34
020	3.08 - 3235	2100	B58x53 DIN5482	65	46
030	15.37 - 3097	3800	B58x53 DIN5482	65	60
040	15.37 - 3170	3800	B58x53 DIN5482	65	72
045	3.50 - 3301	3800	B58x53 DIN5482	65	80
046	3.50 - 3301	3800	B58x53 DIN5482	65	94
065	3.50 - 3170	6400	B70x64 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 1250											
4.04	371	6707	261	248	7574	196	124	9325	121	35000	
5.12	293	6948	213	195	7847	161	98	9661	99	35000	50
6.00	250	7194	188	167	8124	142	83	10002	87	35000	
ED 2250											
14.14	106	9056	101	71	10227	76	35.4	12591	46.6	35000	
15.59	96	9320	94	64	10526	71	32.1	12959	43.5	35000	
17.49	86	9480	85	57	10706	64	28.6	13181	39.5	35000	
20.20	74	9701	75	49.5	10956	57	24.8	13489	35.0	35000	30
22.17	68	10786	76	45.1	12181	58	22.6	14996	35.4	35000	
25.60	59	11261	69	39.1	12718	52	19.5	15658	32.0	35000	
30.72	48.8	11894	61	32.6	13433	45.8	16.3	16538	28.2	35000	
36.00	41.7	12314	54	27.8	13711	39.9	13.9	14586	21.2	35000	
ET 3250											
43.55	34.4	12565	45.3	23.0	14190	34.1	11.5	17471	21.0	35000	
49.49	30.3	13187	41.9	20.2	14893	31.5	10.1	18335	19.4	35000	
58.40	25.7	13858	37.3	17.1	15651	28.1	8.6	19269	17.3	35000	
61.23	24.5	13805	35.4	16.3	15590	26.7	8.2	19194	16.4	35000	
70.70	21.2	14127	31.4	14.1	15955	23.6	7.1	19642	14.5	35000	
83.43	18.0	14846	28.0	12.0	16767	21.0	6.0	20642	13.0	35000	
90.44	16.6	15518	27.0	11.1	17526	20.3	5.5	21577	12.5	35000	
104.4	14.4	15881	23.9	9.6	17935	18.0	4.8	21831	10.9	35000	20
114.6	13.1	17656	24.2	8.7	18932	17.3	4.4	21050	9.6	35000	
121.2	12.4	16607	21.5	8.3	18755	16.2	4.1	22136	9.6	35000	
146.5	10.2	17451	18.7	6.8	18668	13.3	3.4	20506	7.3	35000	
158.8	9.4	18809	18.6	6.3	19598	12.9	3.1	21928	7.2	35000	
184.3	8.1	19040	16.2	5.4	20178	11.5	2.7	22242	6.3	35000	
216.0	6.9	15468	11.2	4.6	16343	7.9	2.3	18719	4.5	35000	
261.0	5.7	15713	9.5	3.8	16968	6.8	1.9	19411	3.9	35000	
EQ 4250											
282.7	5.3	22231	12.4	3.5	24311	9.0	1.8	27017	5.0	35000	
310.4	4.8	21812	11.0	3.2	22644	7.6	1.6	24291	4.1	35000	
350.4	4.3	23452	10.5	2.9	25059	7.5	1.4	26805	4.0	35000	
405.3	3.7	22633	8.8	2.5	23809	6.2	1.2	26733	3.5	35000	
438.6	3.4	19760	7.1	2.3	20624	4.9	1.1	22075	2.6	35000	
490.7	3.1	22752	7.3	2.0	23596	5.0	1.0	26762	2.9	35000	
579.0	2.6	23095	6.3	1.7	23945	4.3	0.86	27696	2.5	35000	
627.7	2.4	24833	6.2	1.6	25894	4.3	0.80	27687	2.3	35000	
724.8	2.1	23564	5.1	1.4	25109	3.6	0.69	29001	2.1	35000	
795.4	1.9	24677	4.9	1.3	26600	3.5	0.63	30169	2.0	35000	
878.7	1.7	22200	4.0	1.1	23169	2.8	0.57	24830	1.5	35000	15
1016	1.5	22549	3.5	0.98	23517	2.4	0.49	25182	1.3	35000	
1102	1.4	21717	3.1	0.91	22433	2.1	0.45	23587	1.1	35000	
1273	1.2	25078	3.1	0.79	25905	2.1	0.39	27237	1.1	35000	
1336	1.1	24140	2.8	0.75	26267	2.1	0.37	30411	1.2	35000	
1546	0.97	24819	2.5	0.65	27102	1.8	0.32	31337	1.1	35000	
1845	0.81	21425	1.8	0.54	23340	1.3	0.27	26895	0.76	35000	
1935	0.78	26068	2.1	0.52	28428	1.5	0.26	32808	0.89	35000	
2268	0.66	23687	1.6	0.44	25505	1.2	0.22	28884	0.67	35000	
2339	0.64	27152	1.8	0.43	29579	1.3	0.21	34085	0.76	35000	
2741	0.55	24522	1.4	0.36	26393	1.0	0.18	29869	0.57	35000	



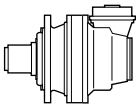
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EM 1250											
4.04	371	11849	461	248	13382	347	124	16475	214	35000	
5.12	293	12276	377	195	13864	284	98	17069	175	35000	50
6.00	250	12501	327	167	13288	232	83	14437	126	35000	
ED 2250											
14.14	106	15999	178	71	18069	134	35.4	22246	82	35000	
15.59	96	16467	166	64	18597	125	32.1	22773	76	35000	
17.49	86	16748	150	57	18915	113	28.6	23092	69	35000	
20.20	74	17140	133	49.5	19357	100	24.8	21970	57	35000	30
22.17	68	18421	131	45.1	19142	90	22.6	22007	52	35000	
25.60	59	18680	115	39.1	19714	81	19.5	22633	46.3	35000	
30.72	48.8	19003	97	32.6	20353	69	16.3	22135	37.7	35000	
36.00	41.7	15462	67	27.8	16593	48.3	13.9	19053	27.7	35000	
ET 3250											
43.55	34.4	22200	80	23.0	24311	58	11.5	27713	33.3	35000	
49.49	30.3	23028	73	20.2	24916	53	10.1	28375	30.0	35000	
58.40	25.7	21911	59	17.1	23733	42.6	8.6	26263	23.5	35000	
61.23	24.5	23497	60	16.3	24527	42.0	8.2	27974	23.9	35000	
70.70	21.2	22341	49.6	14.1	23292	34.5	7.1	26426	19.6	35000	
83.43	18.0	22733	42.8	12.0	23673	29.7	6.0	27372	17.2	35000	
90.44	16.6	22818	39.6	11.1	24509	28.4	5.5	26937	15.6	35000	
104.4	14.4	23256	35.0	9.6	24745	24.8	4.8	28688	14.4	35000	20
114.6	13.1	24437	33.5	8.7	26366	24.1	4.4	29932	13.7	35000	
121.2	12.4	23600	30.6	8.3	25563	22.1	4.1	28712	12.4	35000	
146.5	10.2	21383	22.9	6.8	22704	16.2	3.4	24723	8.8	35000	
158.8	9.4	23440	23.2	6.3	24839	16.4	3.1	28906	9.5	35000	
184.3	8.1	23790	20.3	5.4	25682	14.6	2.7	29830	8.5	35000	
216.0	6.9	21752	15.8	4.6	23458	11.4	2.3	26621	6.5	35000	
261.0	5.7	22536	13.6	3.8	24290	9.7	1.9	27543	5.5	35000	
EQ 4250											
282.7	5.3	30294	16.8	3.5	31911	11.8	1.8	35000	6.6	35000	
310.4	4.8	28632	14.5	3.2	31109	10.5	1.6	35000	5.9	35000	
350.4	4.3	28403	12.7	2.9	31014	9.3	1.4	35000	5.1	35000	
405.3	3.7	27816	10.8	2.5	29953	7.7	1.2	33155	4.3	35000	
438.6	3.4	23496	8.4	2.3	25477	6.1	1.1	29551	3.5	35000	
490.7	3.1	31440	10.1	2.0	34082	7.3	1.0	35000	3.7	35000	
579.0	2.6	32500	8.8	1.7	35000	6.2	0.86	35000	3.2	35000	
627.7	2.4	29731	7.4	1.6	32542	5.4	0.80	35000	2.9	35000	
724.8	2.1	33979	7.4	1.4	35000	5.1	0.69	35000	2.5	35000	
795.4	1.9	34762	6.9	1.3	35000	4.8	0.63	35000	2.3	35000	
878.7	1.7	26605	4.8	1.1	28634	3.4	0.57	33356	2.0	35000	15
1016	1.5	26993	4.2	0.98	29590	3.0	0.49	34405	1.8	35000	
1102	1.4	24398	3.5	0.91	25202	2.4	0.45	26498	1.3	35000	
1273	1.2	28173	3.5	0.79	29102	2.4	0.39	30599	1.3	35000	
1336	1.1	35000	4.0	0.75	35000	2.7	0.37	35000	1.4	35000	
1546	0.97	35000	3.6	0.65	35000	2.4	0.32	35000	1.2	35000	
1845	0.81	31467	2.7	0.54	34018	1.9	0.27	35000	1.0	35000	
1935	0.78	35000	2.9	0.52	35000	1.9	0.26	35000	1.0	35000	
2268	0.66	33238	2.3	0.44	35000	1.6	0.22	35000	0.80	35000	
2339	0.64	35000	2.3	0.43	35000	1.6	0.21	35000	0.80	35000	
2741	0.55	34351	2.0	0.36	35000	1.3	0.18	35000	0.70	35000	



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 2250											
11.11	135	4329	61	90	4889	46.1	45.0	6019	28.4	35000	
14.08	107	5486	61	71	6196	46.1	35.5	7628	28.4	35000	
16.50	91	6429	61	61	7261	46.1	30.3	8939	28.4	35000	18
17.92	84	4025	35.3	56	4546	26.6	27.9	5597	16.4	26476	
21.00	71	4717	35.3	47.6	5327	26.6	23.8	6559	16.4	31027	
24.93	60	4026	25.4	40.1	4547	19.1	20.1	5598	11.8	21639	
29.22	51	4718	25.4	34.2	5329	19.1	17.1	6561	11.8	25359	
EC 3250											
46.78	32.1	10551	35.4	21.4	11915	26.7	10.7	14670	16.4	35000	
52.48	28.6	11835	35.4	19.1	13366	26.7	9.5	16456	16.4	35000	
53.76	27.9	12124	35.4	18.6	13692	26.7	9.3	16858	16.4	35000	
60.60	24.8	13489	35.0	16.5	15233	26.3	8.3	18755	16.2	35000	
72.05	20.8	7051	15.4	13.9	7963	11.6	6.9	9804	7.1	35000	
80.82	18.6	7910	15.4	12.4	8933	11.6	6.2	10998	7.1	35000	
93.32	16.1	9134	15.4	10.7	10315	11.6	5.4	12699	7.1	35000	14
102.4	14.6	10024	15.4	9.8	11321	11.6	4.9	13938	7.1	35000	
112.0	13.4	10960	15.4	8.9	12378	11.6	4.5	15239	7.1	35000	
118.3	12.7	11575	15.4	8.5	13073	11.6	4.2	16094	7.1	35000	
141.9	10.6	13890	15.4	7.0	15687	11.6	3.5	19313	7.1	35000	
166.3	9.0	15133	14.3	6.0	15655	9.9	3.0	17795	5.6	35000	
EC 4250											
212.1	7.1	19642	14.5	4.7	21862	10.8	2.4	23291	5.8	35000	
228.6	6.6	20871	14.3	4.4	23357	10.7	2.2	26584	6.1	35000	
252.2	5.9	21481	13.4	4.0	23793	9.9	2.0	26371	5.5	35000	
282.9	5.3	21848	12.1	3.5	24014	8.9	1.8	26041	4.8	35000	
314.9	4.8	20767	10.4	3.2	21786	7.2	1.6	23449	3.9	35000	
363.6	4.1	22136	9.6	2.8	22971	6.6	1.4	25126	3.6	35000	
392.0	3.8	17662	7.1	2.6	18453	4.9	1.3	19778	2.6	35000	
432.3	3.5	19478	7.1	2.3	20351	4.9	1.2	21813	2.6	35000	
484.9	3.1	21850	7.1	2.1	22829	4.9	1.0	24468	2.6	35000	10
559.9	2.7	23025	6.5	1.8	23874	4.5	0.89	27506	2.6	35000	
614.5	2.4	23513	6.0	1.6	25363	4.3	0.81	28797	2.5	35000	
709.6	2.1	24157	5.3	1.4	26047	3.8	0.70	29556	2.2	35000	
811.9	1.8	18598	3.6	1.2	19578	2.5	0.62	22723	1.5	35000	
857.5	1.7	25025	4.6	1.2	26969	3.3	0.58	30579	1.9	35000	
1029	1.5	23570	3.6	0.97	24811	2.5	0.49	28798	1.5	35000	
1206	1.2	21065	2.7	0.83	22719	2.0	0.41	25791	1.1	35000	

Tutti i rapporti evidenziati (es. 11.11) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
All ratios grey highlighted (ex. 11.11) have specific dimensions of the bevel gear set in some versions; see dimensional tables.
Alle mit (es. 11.11) gekennzeichneten Übersetzungen haben in bestimmten Versionen besondere Dimensionen des Kegelradtriebs. Siehe auch Dimensionstabellen.
Les rapports repérés par (es. 11.11) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
Todas las relaciones indicadas con (es. 11.11) tienen dimensiones particulares del par cónico según las versiones; ver las tablas de dimensión.
As relações marcadas com (es. 11.11) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

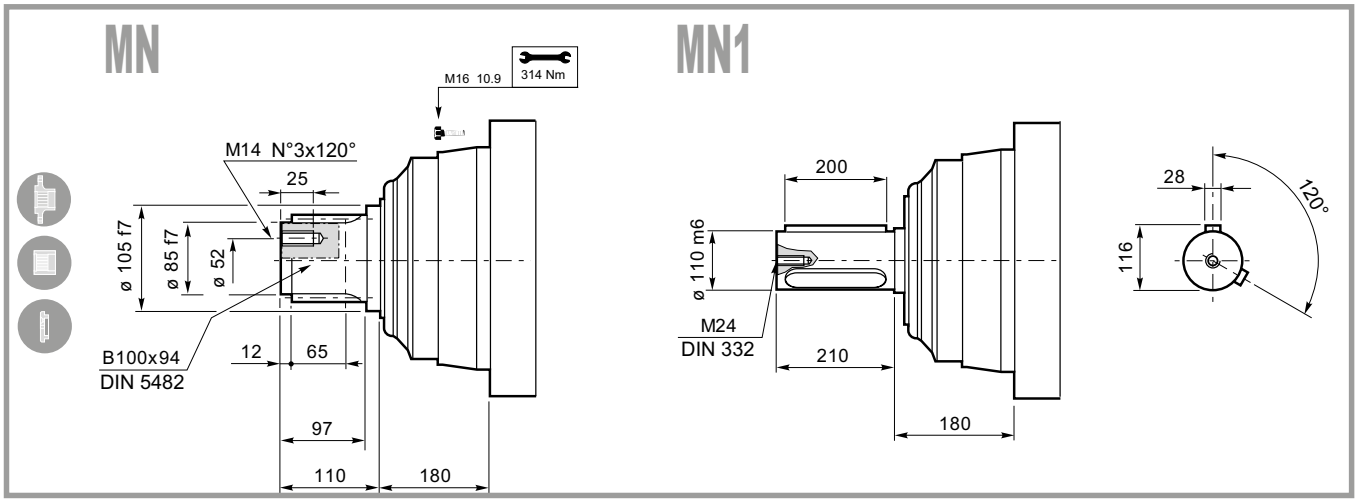
* bg 193

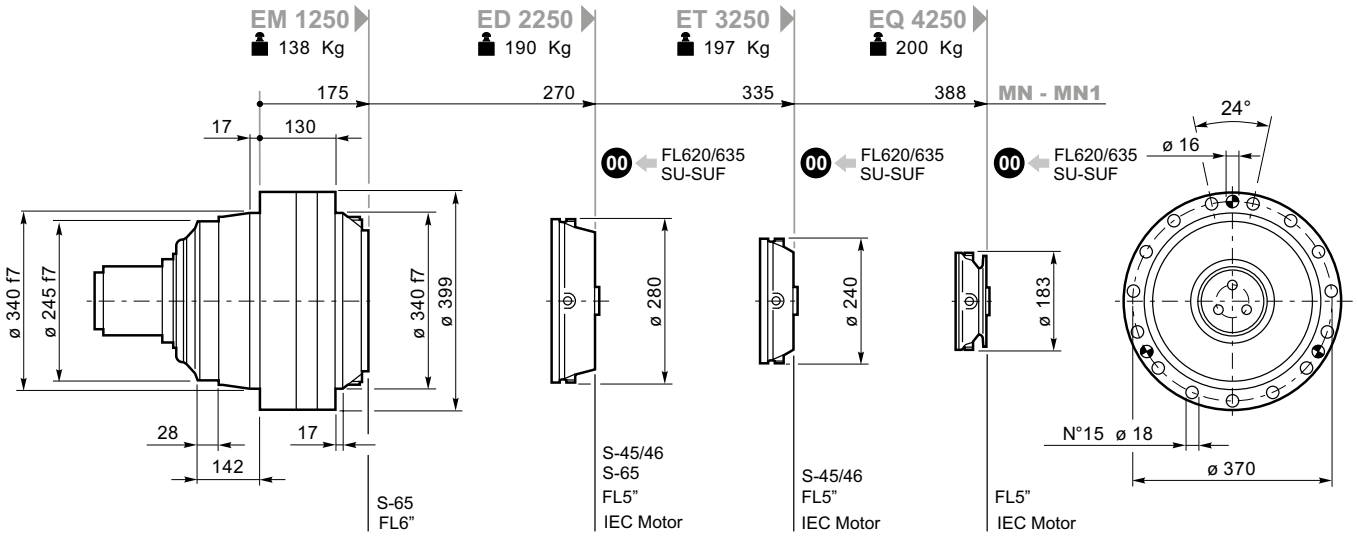


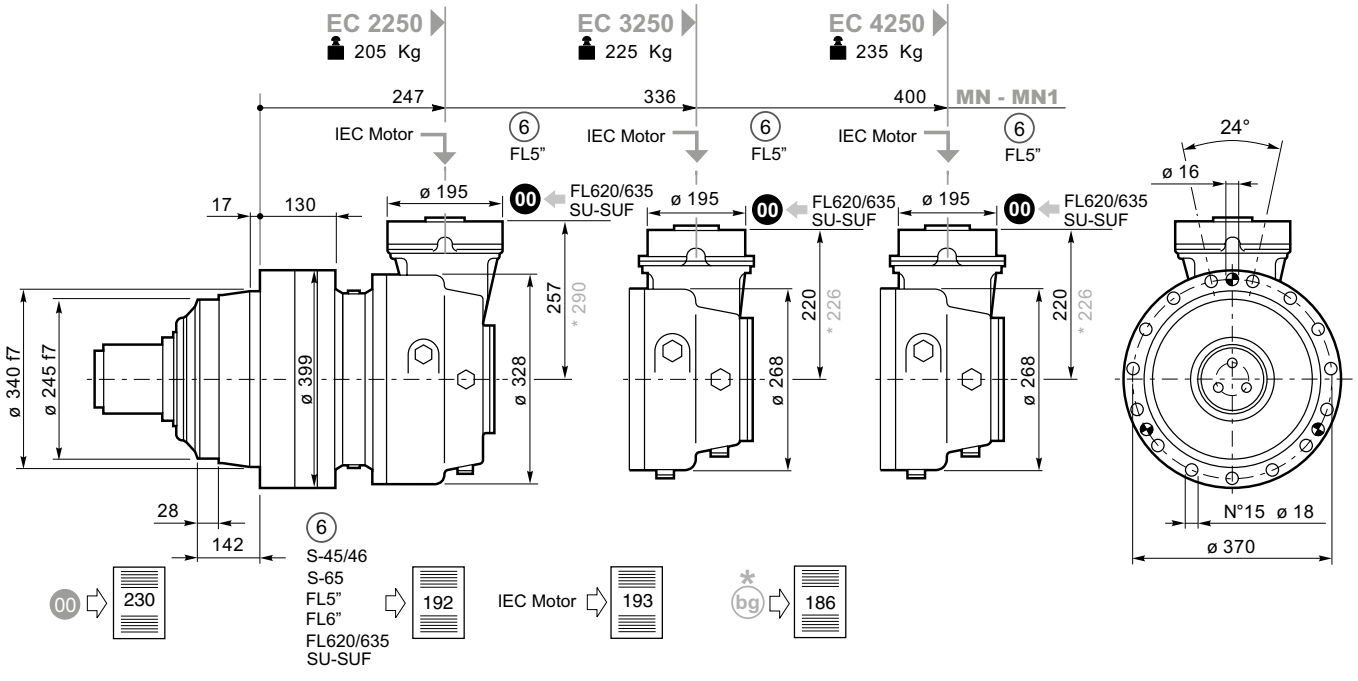
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EC 2250											
11.11	135	7648	108	90	8638	81	45.0	10634	50	35000	
14.08	107	9693	108	71	10947	81	35.5	13477	50	35000	
16.50	91	11359	108	61	12828	81	30.3	15794	50	35000	
17.92	84	7112	62	56	8032	46.9	27.9	9888	28.9	26476	18
21.00	71	8334	62	47.6	9412	46.9	23.8	11588	28.9	31027	
24.93	60	7114	44.8	40.1	8034	33.7	20.1	9346	19.6	21639	
29.22	51	8336	44.8	34.2	9415	33.7	17.1	10952	19.6	25359	
EC 3250											
46.78	32.1	18641	63	21.4	21052	47.1	10.7	25918	29.0	35000	
52.48	28.6	20910	63	19.1	23615	47.1	9.5	27062	27.0	35000	
53.76	27.9	21102	62	18.6	22848	44.5	9.3	26054	25.4	35000	
60.60	24.8	21970	57	16.5	22934	39.6	8.3	25563	22.1	35000	
72.05	20.8	12458	27.2	13.9	14069	20.5	6.9	17321	12.6	35000	
80.82	18.6	13974	27.2	12.4	15782	20.5	6.2	19430	12.6	35000	
93.32	16.1	16137	27.2	10.7	18224	20.5	5.4	22437	12.6	35000	14
102.4	14.6	17710	27.2	9.8	20001	20.5	4.9	24624	12.6	35000	
112.0	13.4	18285	25.6	8.9	19104	17.9	4.5	22267	10.4	35000	
118.3	12.7	20451	27.2	8.5	23096	20.5	4.2	28435	12.6	35000	
141.9	10.6	23174	25.6	7.0	24212	17.9	3.5	28220	10.4	35000	
166.3	9.0	20703	19.6	6.0	22347	14.1	3.0	25390	8.0	35000	
EC 4250											
212.1	7.1	26426	19.6	4.7	28779	14.2	2.4	33116	8.2	35000	
228.6	6.6	30478	20.9	4.4	32553	14.9	2.2	35000	8.1	35000	
252.2	5.9	30989	19.3	4.0	33600	14.0	2.0	35000	7.3	35000	
282.9	5.3	30622	17.0	3.5	33249	12.3	1.8	35000	6.6	35000	
314.9	4.8	24864	12.4	3.2	25989	8.6	1.6	28885	4.8	35000	
363.6	4.1	28712	12.4	2.8	30011	8.6	1.4	33355	4.8	35000	
392.0	3.8	21065	8.4	2.6	22019	5.9	1.3	25639	3.4	35000	
432.3	3.5	23232	8.4	2.3	24284	5.9	1.2	28276	3.4	35000	
484.9	3.1	26061	8.4	2.1	27240	5.9	1.0	31719	3.4	35000	
559.9	2.7	30094	8.4	1.8	31456	5.9	0.89	35000	3.3	35000	10
614.5	2.4	33028	8.4	1.6	34523	5.9	0.81	35000	3.0	35000	
709.6	2.1	34069	7.5	1.4	35000	5.1	0.70	35000	2.6	35000	
811.9	1.8	26750	5.2	1.2	29008	3.7	0.62	33197	2.1	35000	
857.5	1.7	32828	6.0	1.2	34204	4.2	0.58	35000	2.1	35000	
1029	1.5	33901	5.2	0.97	35000	3.7	0.49	35000	1.8	35000	
1206	1.2	29746	3.9	0.83	31949	2.8	0.41	35000	1.5	35000	

Tutti i rapporti evidenziati (es. 11.11) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
All ratios grey highlighted (ex. 11.11) have specific dimensions of the bevel gear set in some versions; see dimensional tables.
Alle mit (es. 11.11) gekennzeichneten Übersetzungen haben in bestimmten Versionen besondere Dimensionen des Kegelradtriebs. Siehe auch Dimensionstabellen.
Les rapports repérés par (es. 11.11) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
Todas las relaciones indicadas con (es. 11.11) tienen dimensiones particulares del par cónico según las versiones; ver las tablas de dimensión.
As relações marcadas com (es. 11.11) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

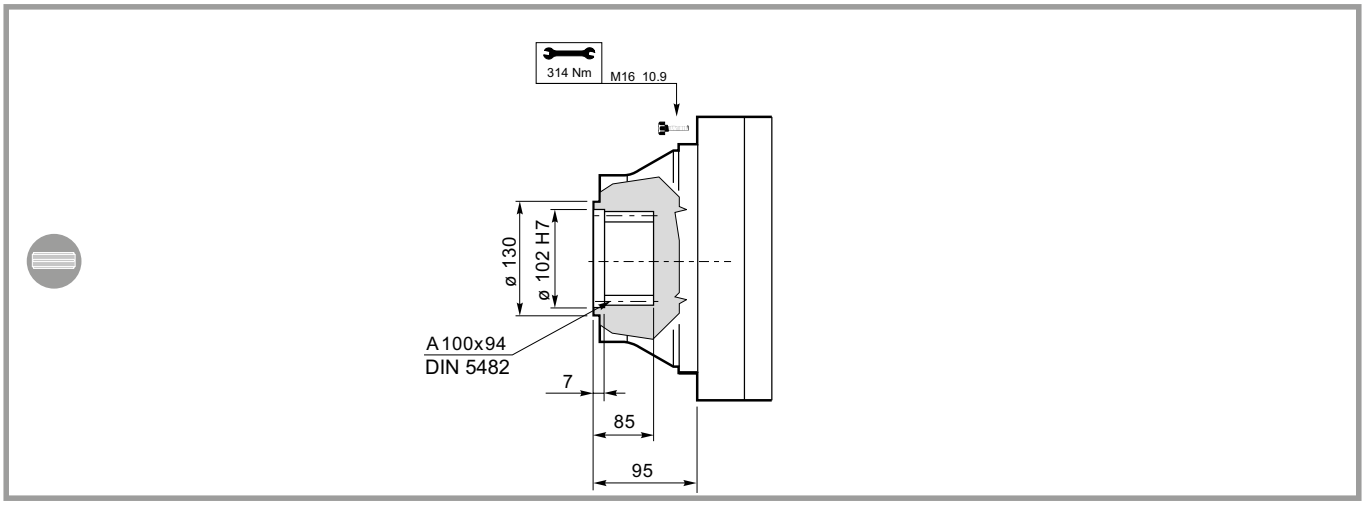
* bg 193

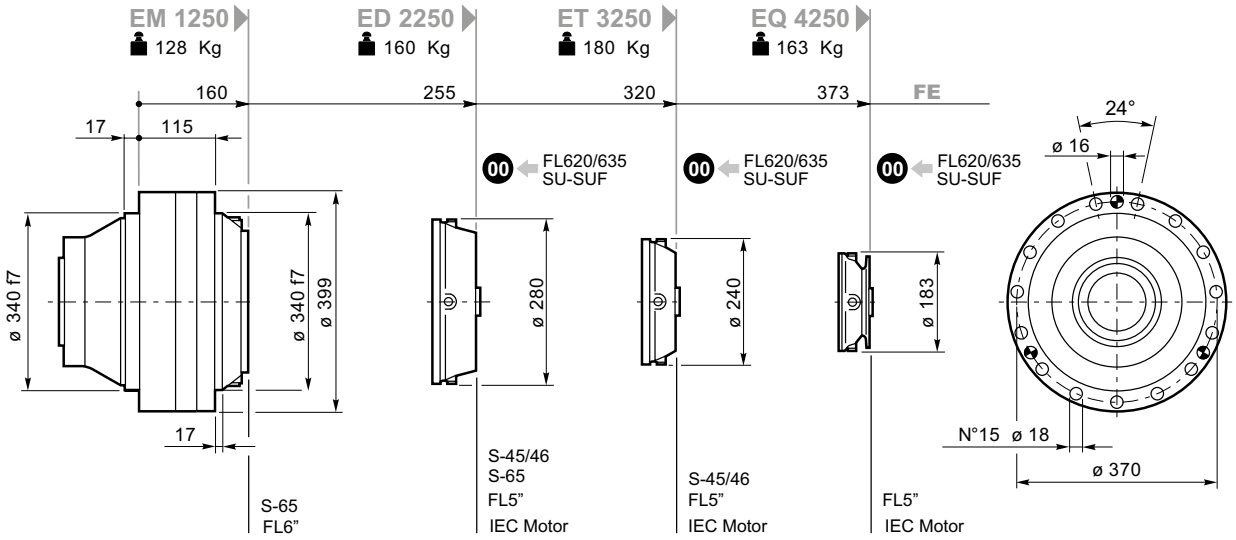


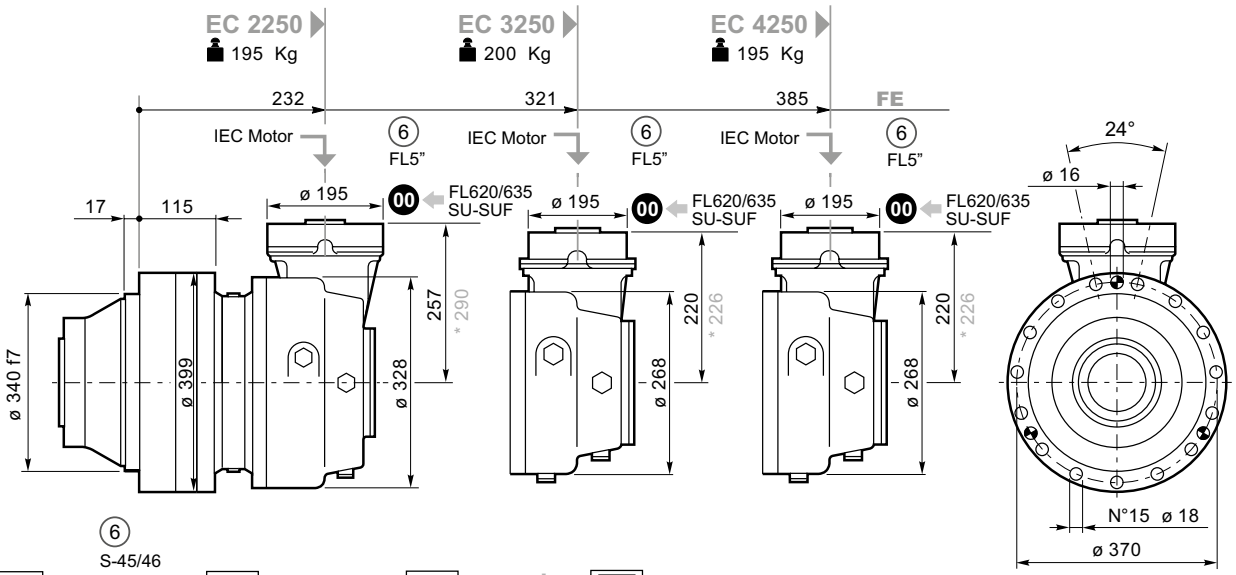




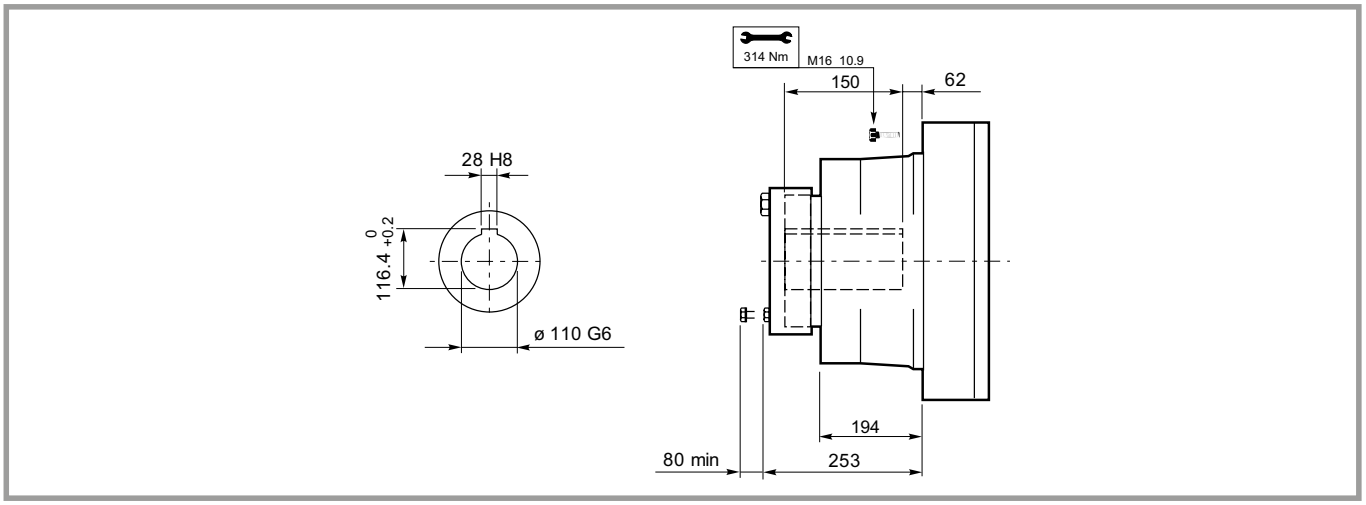
00 230
192
IEC Motor 193
bg 186

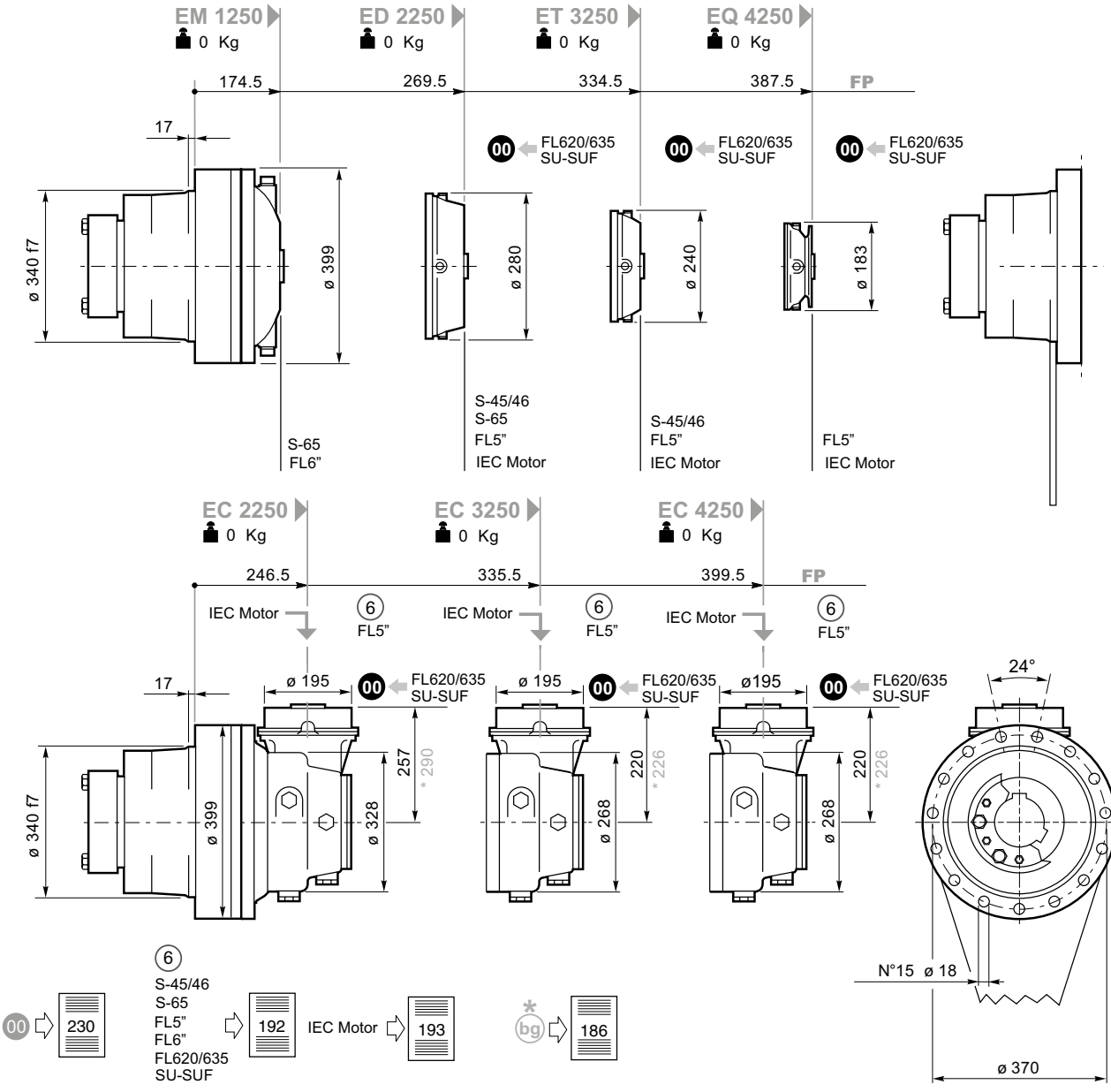


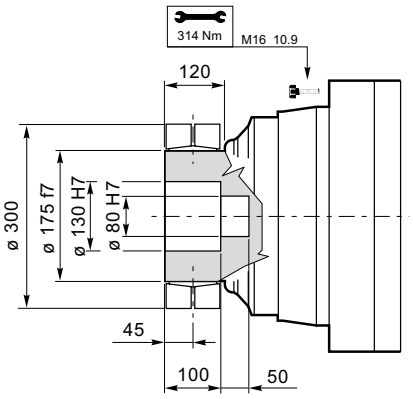


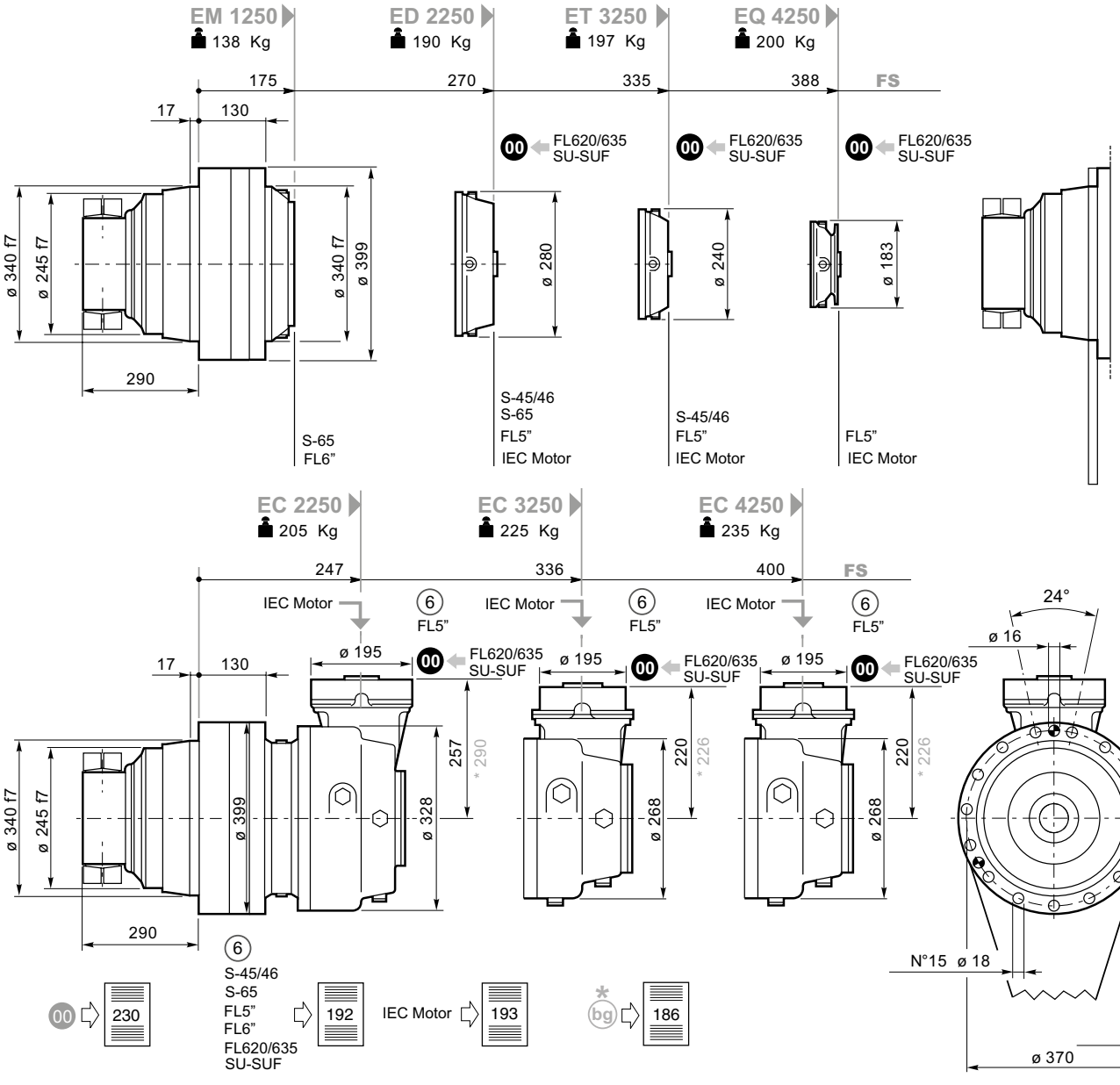


00 230
6 S-45/46 S-65 FL5" FL6" FL620/635 SU-SUF 192
IEC Motor 193
* bg 186

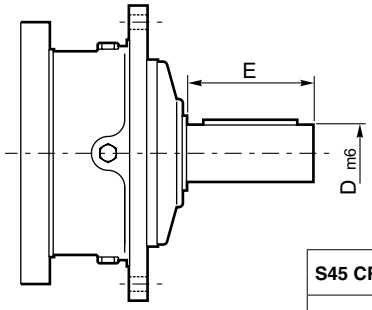

314 Nm
M16 10.9
150
62
28 H8
116.4 +0.2 0
ø 110 G6
194
80 min
253

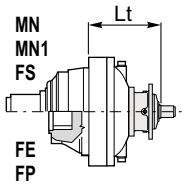

EM 1250
0 Kg
ED 2250
0 Kg
ET 3250
0 Kg
EQ 4250
0 Kg
174.5
269.5
334.5
387.5
FP
17
00 FL620/635 SU-SUF
ø 340 f7
ø 399
ø 280
ø 240
ø 183
S-65 FL6"
S-45/46 S-65 FL5" IEC Motor
S-45/46 FL5" IEC Motor
FL5" IEC Motor
EC 2250
0 Kg
EC 3250
0 Kg
EC 4250
0 Kg
246.5
335.5
399.5
FP
IEC Motor
6 FL5"
ø 195
ø195
257
* 290
220
* 226
ø 328
ø 268
24°
N°15 ø 18
ø 370
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
192
IEC Motor
193
bg
186
230


314 Nm
M16 10.9
120
ø 300
ø 175 f7
ø 130 H7
ø 80 H7
45
100
50


EM 1250
138 Kg
ED 2250
190 Kg
ET 3250
197 Kg
EQ 4250
200 Kg
175
270
335
388
FS
17
130
00 FL620/635 SU-SUF
ø 340 f7
ø 245 f7
ø 340 f7
ø 399
ø 280
ø 240
ø 183
290
S-65
FL6"
S-45/46
S-65
FL5"
IEC Motor
S-45/46
FL5"
IEC Motor
FL5"
IEC Motor
EC 2250
205 Kg
EC 3250
225 Kg
EC 4250
235 Kg
247
336
400
FS
IEC Motor
6
FL5"
ø 195
257
* 290
220
* 226
ø 328
ø 268
24°
ø 16
N°15 ø 18
700 min
ø 370
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
00
230
192
IEC Motor
193
bg
186

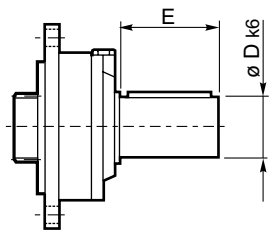
S45CR1-S46C1 S65CR1



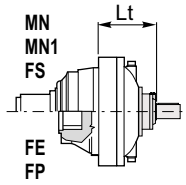


	D m6	E		Lt		
				MN-MN1-FS	FE	FP
S45 CR1	65	105	**ED 2250**	398	383	397.5
			ET 3250	398	383	397.5
S46 C1	65	105	**ED 2250**	439	424	438.5
			ET 3250	439	424	438.5
S65 CR1	80	130	**EM 1250**	403	388	402.5
			ED 2250	437	422	436.5

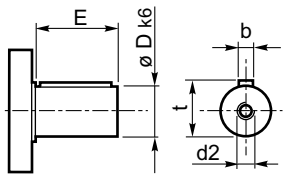
SU2



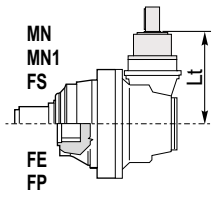
	D k6	E		Lt		
				MN-MN1 FS	FE	FP
SU 2	40	58	**ET 3250**	395	380	394.5
			EQ 4250	448	433	447.5



⑥ 48.82



	D	E		Lt
				MN-MN1-FS-FE-FP
48.82	48	82	**EC 2250**	317
			EC 3250	280
			EC 4250	280



Per le configurazioni in entrata: S46C1, S65CR1, 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, S65CR1, 48.82 (CC40 - CC41), FL5"; for further information and technical data please consult the DANA area contact person.

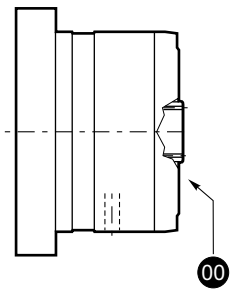
Für die Antriebskonfigurationen: S46C1, S65CR1, 48.82 (CC40 - CC41), FL5" ist auf Anfrage eine Rücklaufsperre verfügbar. Weitere Informationen und die Technischen Daten Sich an die DANA Kontaktperson der zone zu wenden.

Pour les configurations d'entrée : S46C1, S65CR1, 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.

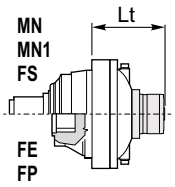
Para las configuraciones en entrada: S46C1, S65CR1, 48.82 (CC40 - CC41), FL5" , se encuentra disponible a pedido, el dispositivo antirretrocesos; para ulteriores informaciones y datos técnicos, consulte a la persona de contacto del área de DANA.

Para as configurações na entrada: S46C1, S65CR1, 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 FL650-FL750 FL960



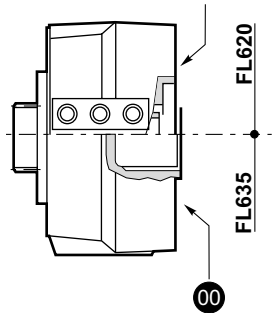
		Lt		
		MN-MN1-FS	FE	FP
FL250-FL350 FL450	ED 2250	429	414	—
	ET 3250	429	414	428.5
	EC 2250*	441	441	441
	EC 2250	408	408	408
	EC 3250*	377	377	377
	EC 3250	280	280	280
	EC 4250*	377	377	377
	EC 4250	280	280	280
FL650-FL750	ED 2250	442	427	—
	ET 3250	442	427	441.5
	EC 2250*	455	455	455
	EC 2250	422	422	422
FL960	EM 1250	308	293	307.5



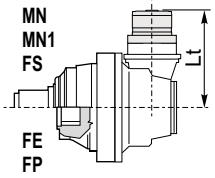
FL620.10
FL635.10

FL620.U-FL635.U

SAE A-AA
Shaft FE



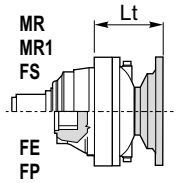
		Lt		
		MN-MN1-FS	FE	FP
FL620.U	EM 1250	279.5	264.5	279
	ED 2250	374.5	359.5	374
	ET 3250	439.5	424.5	439
	EQ 4250	492.5	477.5	492
	EC 2250	361.5	361.5	361.5
	EC 2250*	394.5	394.5	394.5
	EC 3250	324.5	324.5	324.5
	EC 3250*	330.5	330.5	330.5
	EC 4250	324.5	324.5	324.5
	EC 4250*	330.5	330.5	330.5
FL635.U	EM 1250	266	251	265.5
	ED 2250	361	346	360.5
	ET 3250	426	411	425.5
	EQ 4250	479	464	478.5
	EC 2250	348	348	348
	EC 2250*	381	381	381
	EC 3250	311	311	311
	EC 3250*	317	317	317
	EC 4250	311	311	311
	EC 4250*	317	317	317
FL620.10	EQ 4250	452	427	452
FL635.10	EQ 4250	433	418	433

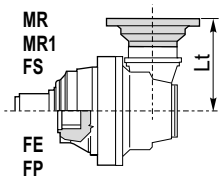


* bg 186

IEC Motor

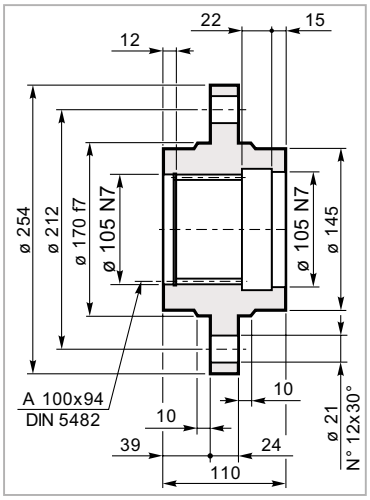
		Lt							
		IEC 63	IEC 71	IEC 80 90	IEC 100 112	IEC 132	IEC 160 180	IEC 200	IEC 225
ED 2250	MN-MN1-FS	290	292	297	298	365		406	424
ED 2250	FE	275	277	282	283	350		391	372
ED 2250	FP								
ET 3250	MN-MN1-FS	335	357	362	363	430	461	471	490
ET 3250	FE	340	342	347	348	415	446	456	438
ET 3250	FP								
EQ 4250	MN-MN1-FS	408	410	415	416	483			
EQ 4250	FE	393	395	400	401	468			
EQ 4250	FP								
EC 2250	MN-MN1-FE-FS-FP	277	279	284	285	352	383		
EC 2250*	MN-MN1-FE-FS-FP	310	312	317	318	385	416		
EC 3250	MN-MN1-FE-FS-FP	240	242	247	248	315	346		508
EC 3250*	MN-MN1-FE-FS-FP	246	248	253	254	321	352		530
EC 4250	MN-MN1-FE-FS-FP	240	242	247	248	315	346		
EC 4250*	MN-MN1-FE-FS-FP	246	248	253	254	321	352		





FA 250

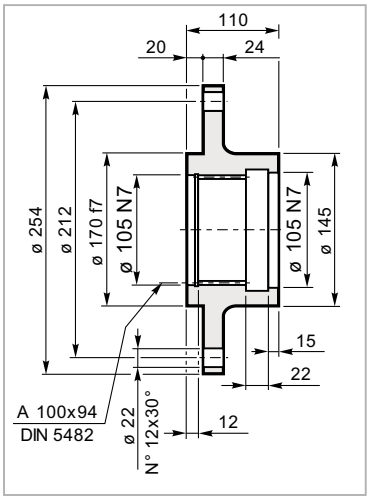
Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda



Mat. C40 UNI EN 10083
Code: 34702921800

FR 250

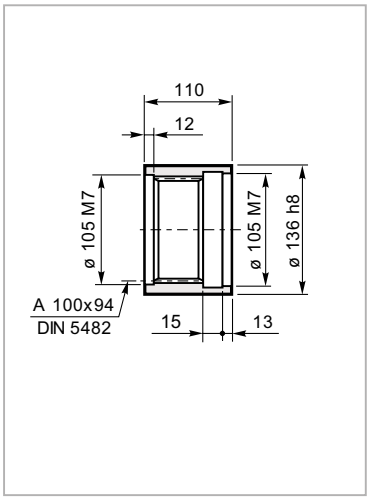
Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda



Mat. C40 UNI EN 10083
Code: 34703021800

MS 250

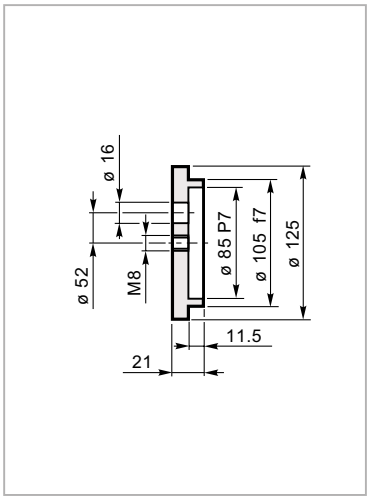
Manicotto scanalato
Splined bush
Keilmuffe
Manchon cannelée
Manguito acanalado
Luva ranhurada



Mat. 39NiCrMo3 UNI EN 10083
Code: 39105140600

RDF 250

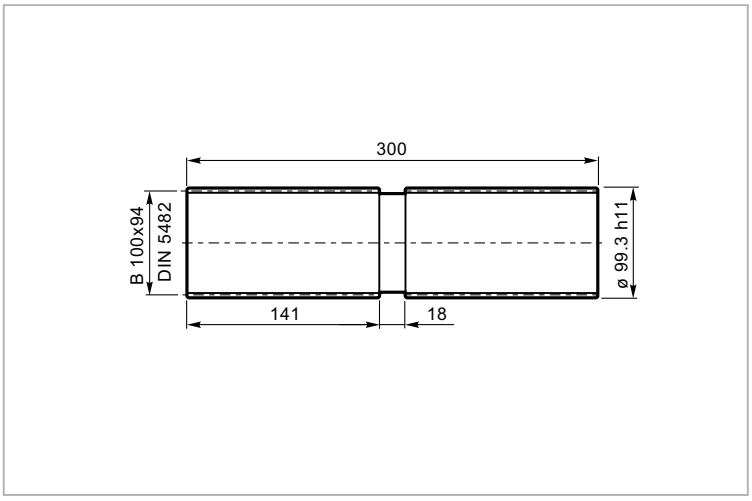
Rondella di fermo
Shaft cover
Gegenscheibe
Rondelle frein
Arandela de bloqueo
Amuela de encosto



Mat. C40 UNI EN 10083
Code: 37201240800

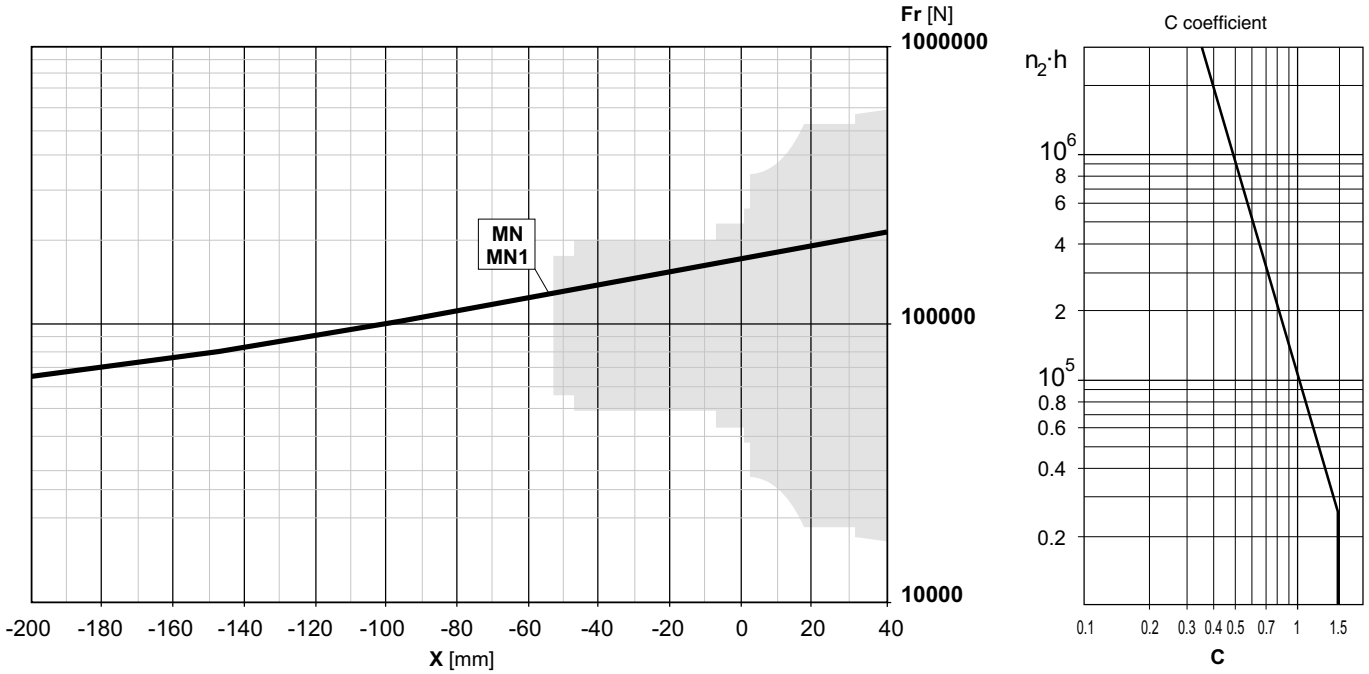
BS 250

Barra scanalata
Splined bar
Zugspindel
Barre cannelée
Barra acanalada
Barra ranhurada

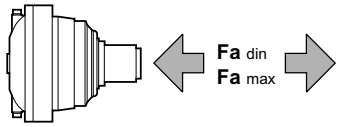


Code: 39127330100
Mat.: Acciaio legato ad elevata resistenza meccanica
Alloyed steel with high mechanical resistance
Legierungsstahl mit hoher mechanischer Festigkeit
Alliage d'acier à haute résistance mécanique
Aleación de acero de elevada resistencia mecánica
Aço ligado de elevada resistência mecânica

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

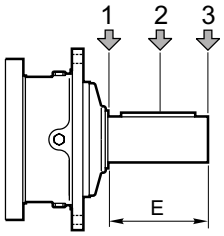


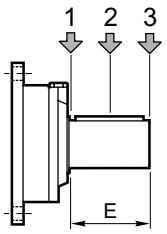
Carichi assiali / Axial loads / Axialkräfte / Charges axiales / Cargas axiales / Forças axiais



		Flange mounted		PD-PDA
		MN-MN1	MR-MR1	MR1
Fadin	[N]	100000	—	—
Famax	[N]	100000	—	—

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	14000	8800	6400	7000	4400	3200
S65 CR1	130	23800	15500	9600	11900	7800	4800

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