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.

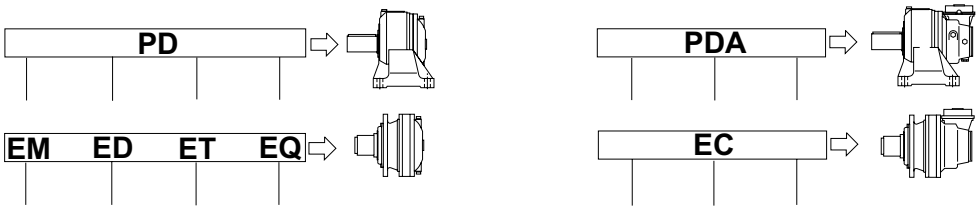
1. DESCRIZIONE RIDUTTORI

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

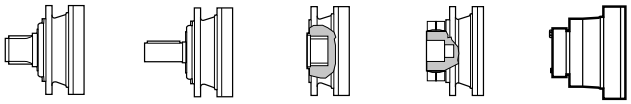
020, 010, 020, 010, 020, 010

MR

Configurazione uscita
Output configuration
Abtriebsanordnung

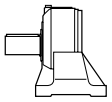
Versione con flangia / Flanged version / Version mit flansch

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**

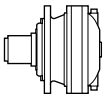
7. DATI TECNICI E TAVOLE DIMENSIONALI
TECHNICAL DATA AND DIMENSIONAL DRAWINGS
TECHNISCHE DATEN UND MASSBILDER
CARACTERISTIQUES TECHNIQUES ET PLANCHES DES DIMENSIONS
DATOS TÉCNICOS Y DISEÑOS DIMENSIONALES
DADOS TÉCNICOS E TABELAS DIMENSIONAIS



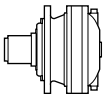
Serie Standard / Standard Series
Serie Standard / Série Standard
Serie Standard / Série Standard

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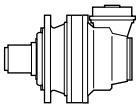
Type	i_{eff}	T_N [Nm]			
010	3.38 - 3282	1000	B40x36 DIN5482	42	34
020	3.08 - 3235	2100	B58x53 DIN5482	65	46
030	15.37 - 3097	3800	B58x53 DIN5482	65	60
040	15.37 - 3170	3800	B58x53 DIN5482	65	72
045	3.50 - 3301	3800	B58x53 DIN5482	65	80
046	3.50 - 3301	3800	B58x53 DIN5482	65	94
065	3.50 - 3170	6400	B70x64 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 2155											
19.50	77	7712	62	51	8709	46.8	25.6	10722	28.8	20000	23
23.40	64	8145	55	42.7	9199	41.2	21.4	11325	25.3	20000	
ET 3155											
47.78	31.4	10090	33.2	20.9	11395	25.0	10.5	13411	14.7	20000	15
56.37	26.6	10604	29.5	17.7	11976	22.2	8.9	13721	12.7	20000	
62.17	24.1	10920	27.6	16.1	12333	20.8	8.0	13992	11.8	20000	
70.57	21.3	11343	25.3	14.2	12810	19.0	7.1	14349	10.6	20000	
80.54	18.6	11802	23.0	12.4	13221	17.2	6.2	14727	9.6	20000	
87.31	17.2	12091	21.8	11.5	13310	16.0	5.7	14962	9.0	20000	
100.8	14.9	12624	19.7	9.9	13471	14.0	5.0	15388	8.0	20000	
109.1	13.7	12928	18.6	9.2	13631	13.1	4.6	15627	7.5	20000	
122.4	12.3	13236	17.0	8.2	13949	11.9	4.1	15978	6.8	20000	
141.4	10.6	13396	14.9	7.1	14353	10.6	3.5	16425	6.1	20000	
161.4	9.3	10255	10.0	6.2	10710	7.0	3.1	12291	4.0	20000	
169.7	8.8	13729	12.7	5.9	14878	9.2	2.9	17006	5.3	20000	
185.0	8.1	10374	8.8	5.4	11010	6.2	2.7	12623	3.6	20000	
196.8	7.6	9651	7.7	5.1	10030	5.3	2.5	11526	3.1	20000	
223.6	6.7	10539	7.4	4.5	11434	5.4	2.2	13093	3.1	20000	
272.7	5.5	9920	5.7	3.7	10715	4.1	1.8	12286	2.4	20000	



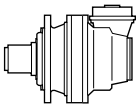
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
ED 2155											
19.50	77	13112	106	51	13988	75	25.6	16097	43.2	20000	23
23.40	64	13347	90	42.7	14527	65	21.4	16682	37.3	20000	
ET 3155											
47.78	31.4	15464	51	20.9	16748	36.7	10.5	19110	20.9	20000	15
56.37	26.6	15980	44.5	17.7	17292	32.1	8.9	19709	18.3	20000	
62.17	24.1	16291	41.2	16.1	17620	29.7	8.0	20000	16.8	20000	
70.57	21.3	16699	37.2	14.2	18050	26.8	7.1	20000	14.9	20000	
80.54	18.6	17131	33.4	12.4	18507	24.1	6.2	20000	13.0	20000	
87.31	17.2	17399	31.3	11.5	18790	22.5	5.7	20000	11.9	20000	
100.8	14.9	17884	27.9	9.9	19303	20.1	5.0	20000	10.5	20000	
109.1	13.7	18155	26.1	9.2	19590	18.8	4.6	20000	9.6	20000	
122.4	12.3	18553	23.8	8.2	20000	17.2	4.1	20000	8.6	20000	
141.4	10.6	19061	21.2	7.1	20000	14.9	3.5	20000	7.3	20000	
161.4	9.3	14307	13.9	6.2	15443	10.0	3.1	17549	5.7	20000	
169.7	8.8	18633	17.3	5.9	20000	12.4	2.9	20000	6.1	20000	
185.0	8.1	14684	12.5	5.4	15843	9.0	2.7	17991	5.1	20000	
196.8	7.6	13440	10.7	5.1	14514	7.7	2.5	16506	4.4	20000	
223.6	6.7	15216	10.7	4.5	16408	7.7	2.2	18617	4.4	20000	
272.7	5.5	14299	8.2	3.7	15426	5.9	1.8	17517	3.4	20000	



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 3155 - PDA 3155											
40.95	36.6	9235	35.4	24.4	10430	26.7	12.2	12841	16.4	20000	
45.16	33.2	9921	34.5	22.1	11205	26.0	11.1	13348	15.5	20000	
50.66	29.6	10269	31.8	19.7	11598	24.0	9.9	13477	13.9	20000	
58.50	25.6	10722	28.8	17.1	12109	21.7	8.5	13823	12.4	20000	
63.06	23.8	6172	15.4	15.9	6970	11.6	7.9	8581	7.1	20000	
70.20	21.4	11325	25.3	14.2	12790	19.1	7.1	14334	10.7	20000	
78.02	19.2	7635	15.4	12.8	8623	11.6	6.4	10616	7.1	20000	15
90.09	16.7	8817	15.4	11.1	9957	11.6	5.6	12259	7.1	20000	
102.8	14.6	9866	15.1	9.7	10215	10.4	4.9	11245	5.7	20000	
108.1	13.9	10580	15.4	9.3	11949	11.6	4.6	14711	7.1	20000	
118.7	12.6	9990	13.2	8.4	10340	9.1	4.2	11571	5.1	20000	
142.5	10.5	10147	11.2	7.0	10500	7.7	3.5	11995	4.4	20000	
173.8	8.6	9550	8.6	5.8	9883	6.0	2.9	11246	3.4	20000	

Tutti i rapporti evidenziati (es. 45.16) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
All ratios grey highlighted (ex. 45.16) have specific dimensions of the bevel gear set in some versions; see dimensional tables.
Alle mit (es. 45.16) gekennzeichneten Übersetzungen haben in bestimmten Versionen besondere Dimensionen des Kegelradtriebs. Siehe auch Dimensionstabellen.
Les rapports repérés par (es. 45.16) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
Todas las relaciones indicadas con (es. 45.16) tienen dimensiones particulares del par cónico según las versiones; ver las tablas de dimensión.
As relações marcadas com (es. 45.16) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

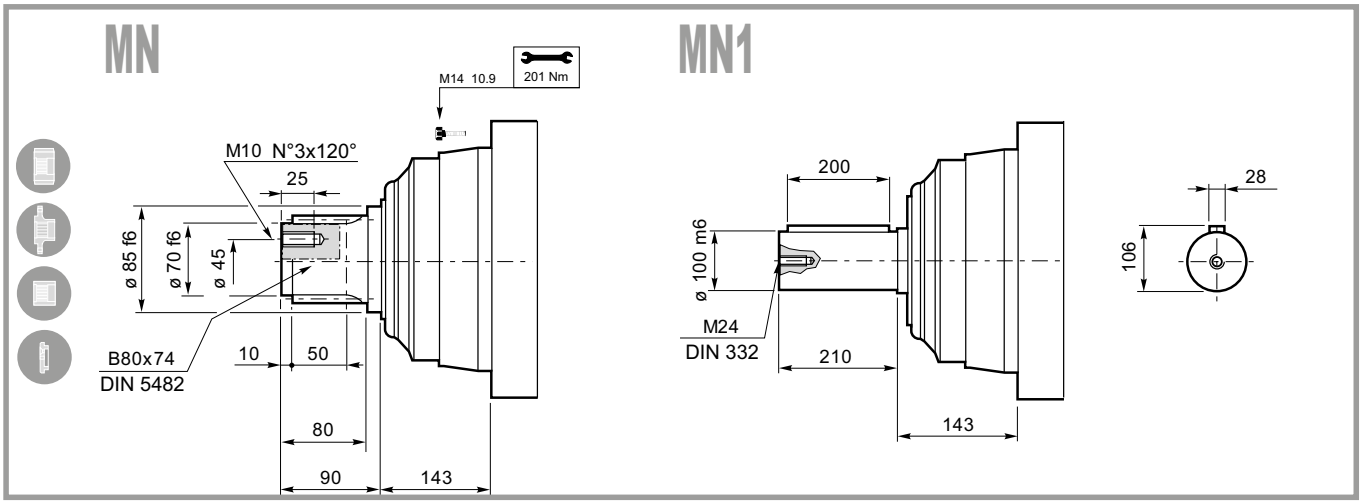
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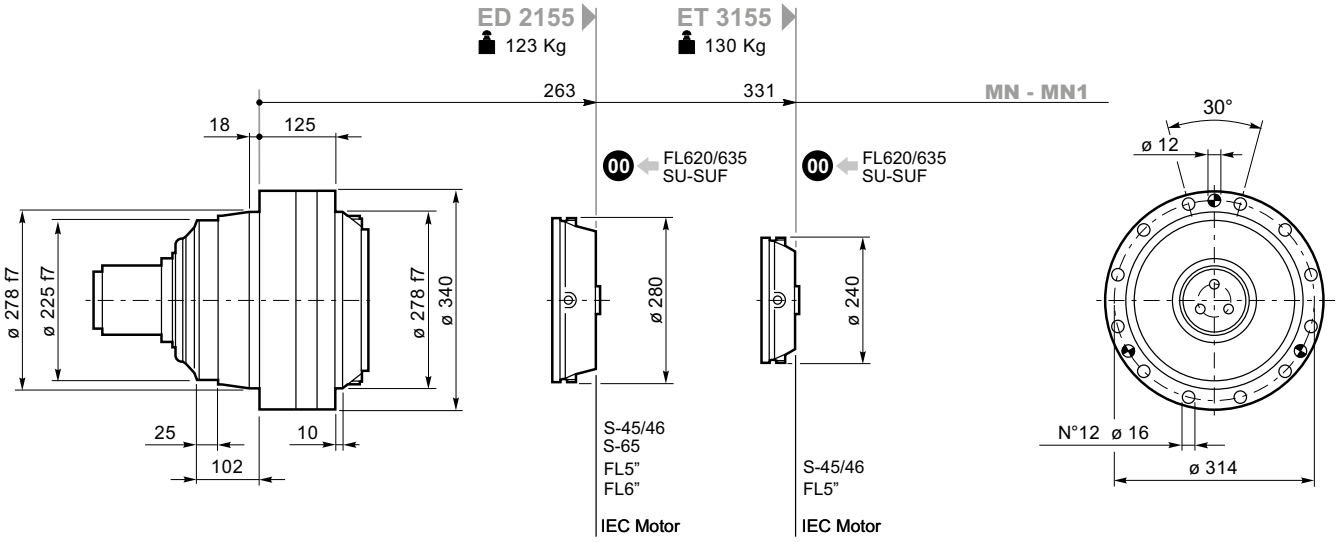


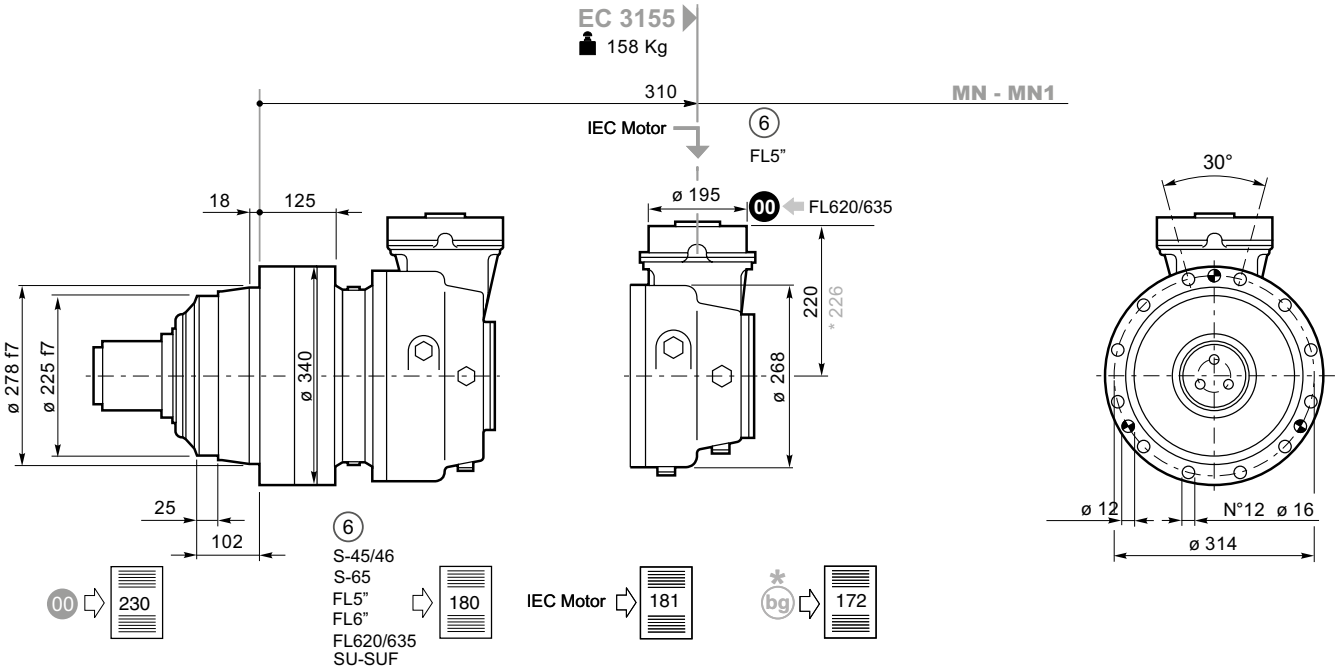
i_{eff}	1500			1000			500			T_{2max} [Nm]	P_T [kW]
	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]	n_2 [rpm]	T_2 [Nm]	P_2 [kW]		
EC 3155 - PDA 3155											
40.95	36.6	14992	58	24.4	16252	41.6	12.2	18565	23.7	20000	
45.16	33.2	15290	53	22.1	16566	38.4	11.1	18910	21.9	20000	
50.66	29.6	15646	48.5	19.7	16940	35.0	9.9	19321	20.0	20000	
58.50	25.6	16097	43.2	17.1	17416	31.2	8.5	19845	17.8	20000	
63.06	23.8	10904	27.2	15.9	12315	20.5	7.9	15161	12.6	20000	
70.20	21.4	16682	37.3	14.2	17604	26.3	7.1	19562	14.6	20000	
78.02	19.2	13490	27.2	12.8	15235	20.5	6.4	18757	12.6	20000	15
90.09	16.7	15578	27.2	11.1	17593	20.5	5.6	20000	11.7	20000	
102.8	14.6	13119	20.0	9.7	14185	14.4	4.9	16156	8.2	20000	
108.1	13.9	17652	25.6	9.3	18442	17.9	4.6	20000	9.6	20000	
118.7	12.6	13490	17.8	8.4	14578	12.9	4.2	16591	7.3	20000	
142.5	10.5	13971	15.4	7.0	15088	11.1	3.5	17155	6.3	20000	
173.8	8.6	13123	11.9	5.8	14178	8.5	2.9	16133	4.9	20000	

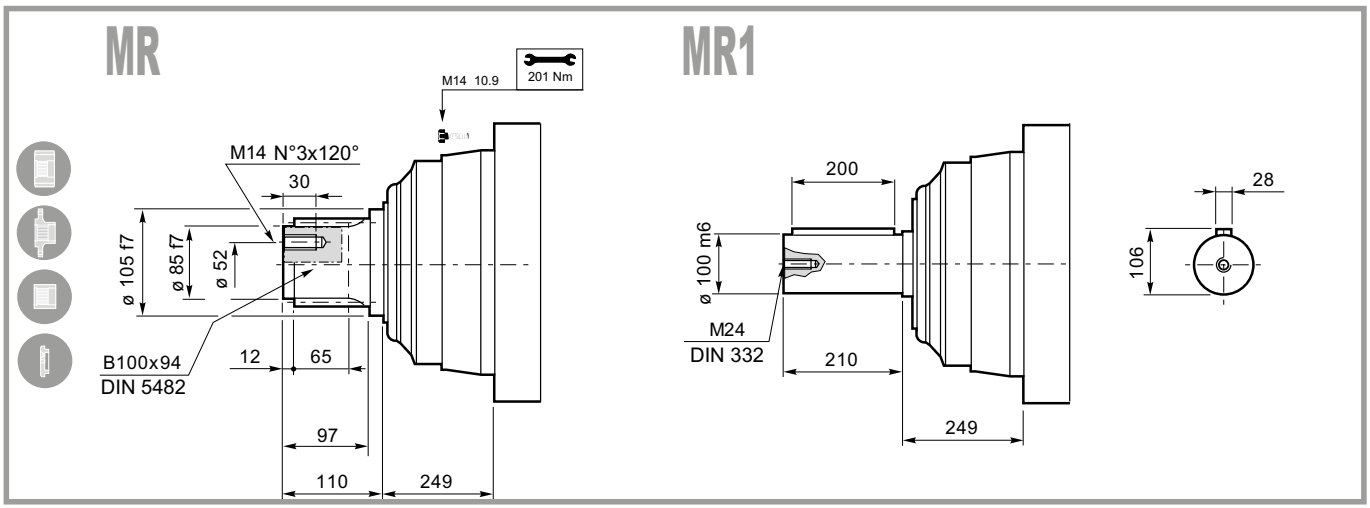
Tutti i rapporti evidenziati (es. 45.16) hanno dimensioni particolari della coppia conica in certe versioni; vedere tavole dimensionali.
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Alle mit (es. 45.16) gekennzeichneten Übersetzungen haben in bestimmten Versionen besondere Dimensionen des Kegelradtriebs. Siehe auch Dimensionstabellen.
Les rapports repérés par (es. 45.16) ont des dimensions de couple conique particulières. Voir les tableaux dimensionnels.
Todas las relaciones indicadas con (es. 45.16) tienen dimensiones particulares del par cónico según las versiones; ver las tablas de dimensión.
As relações marcadas com (es. 45.16) têm dimensões particulares da engrenagem cônica em certas versões; vide tabelas dimensionais.

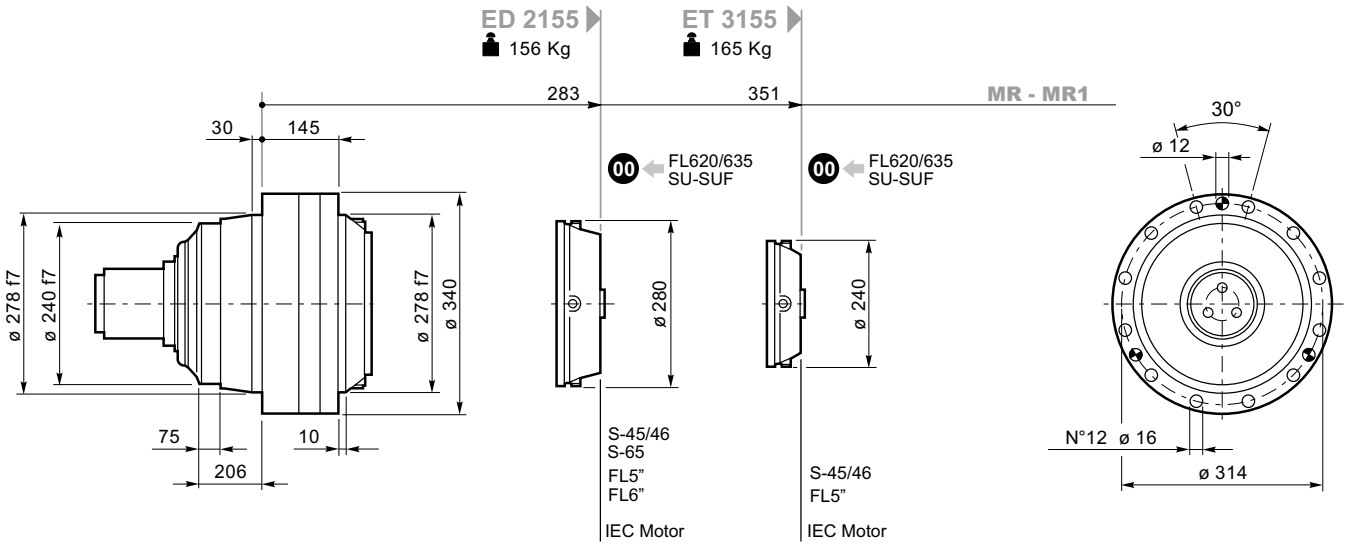
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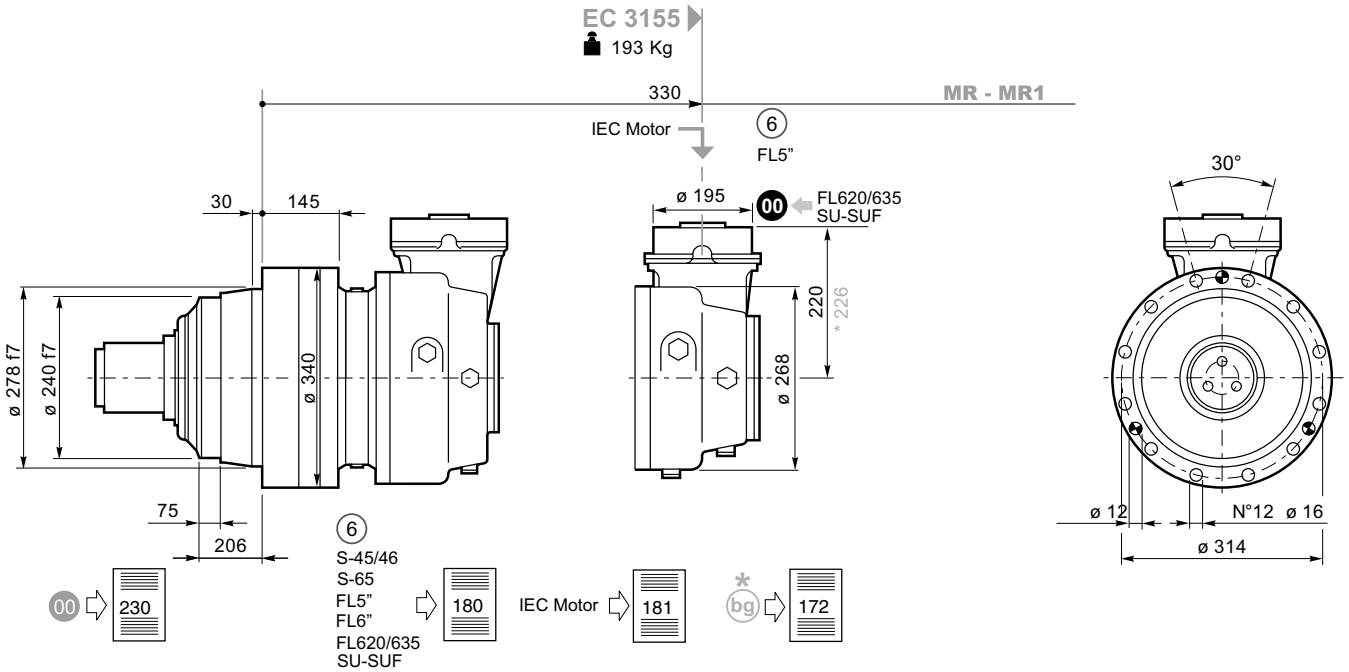

MN
MN1
M14 10.9
201 Nm
M10 N°3x120°
25
ø 85 f6
ø 70 f6
ø 45
B80x74
DIN 5482
10
50
80
90
143
200
ø 100 m6
M24
DIN 332
210
143
28
106

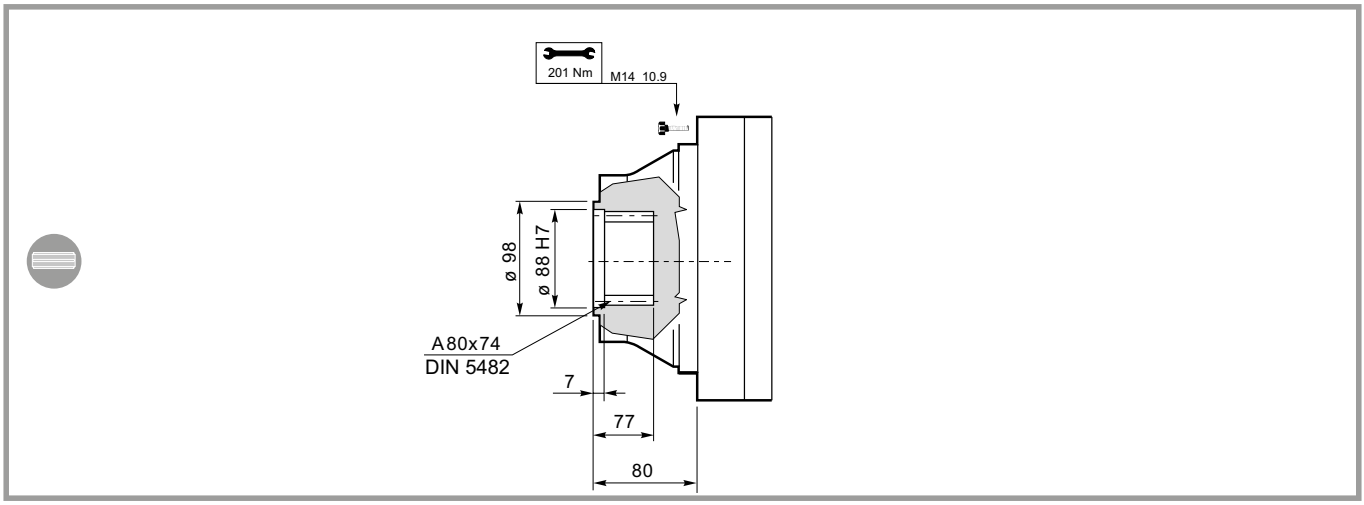

ED 2155
123 Kg
ET 3155
130 Kg
263
331
MN - MN1
18
125
00 FL620/635 SU-SUF
00 FL620/635 SU-SUF
ø 278 f7
ø 225 f7
ø 278 f7
ø 340
ø 280
ø 240
25
10
102
S-45/46
S-65
FL5"
FL6"
IEC Motor
S-45/46
FL5"
IEC Motor
30°
ø 12
N°12 ø 16
ø 314

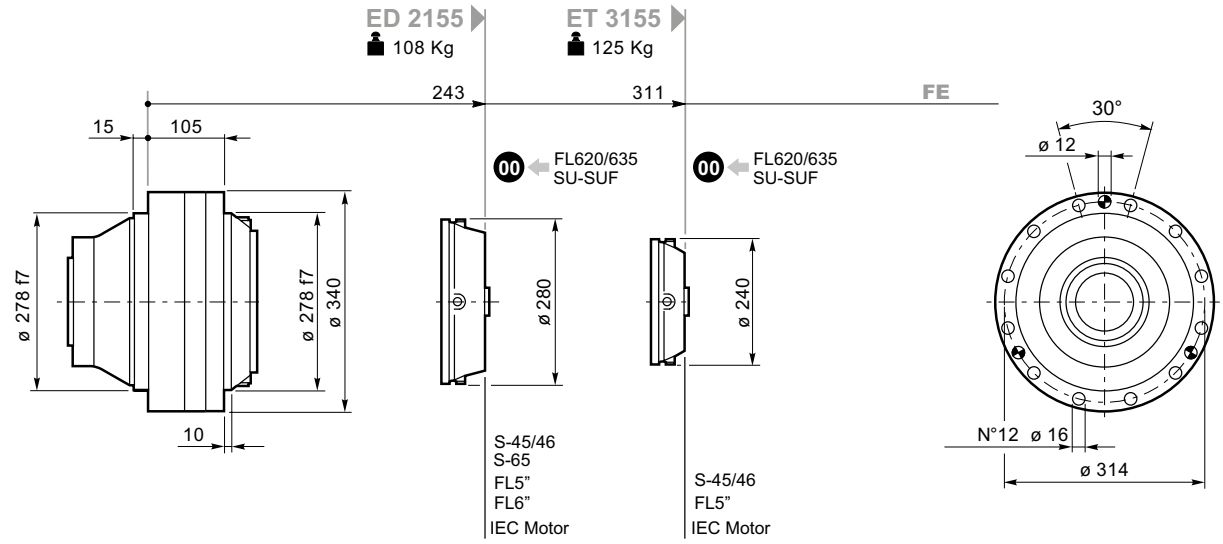

EC 3155
158 Kg
310
MN - MN1
IEC Motor
6
FL5"
18
125
ø 195
00 FL620/635
ø 278 f7
ø 225 f7
ø 340
220
* 226
ø 268
25
102
30°
ø 12
N°12 ø 16
ø 314
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
00
230
180
IEC Motor
181
bg
172

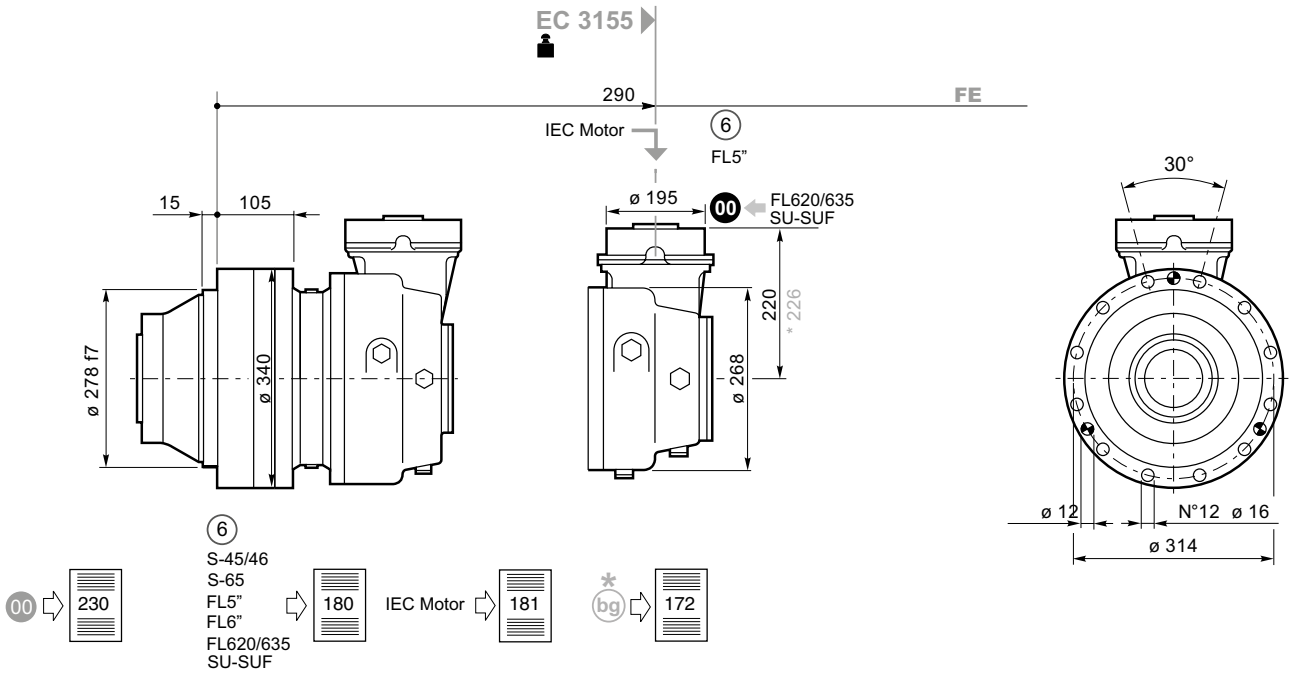

MR
MR1
M14 10.9
201 Nm
M14 N°3x120°
30
ø 105 f7
ø 85 f7
ø 52
B100x94
DIN 5482
12
65
97
110
249
200
ø 100 m6
M24
DIN 332
210
249
28
106

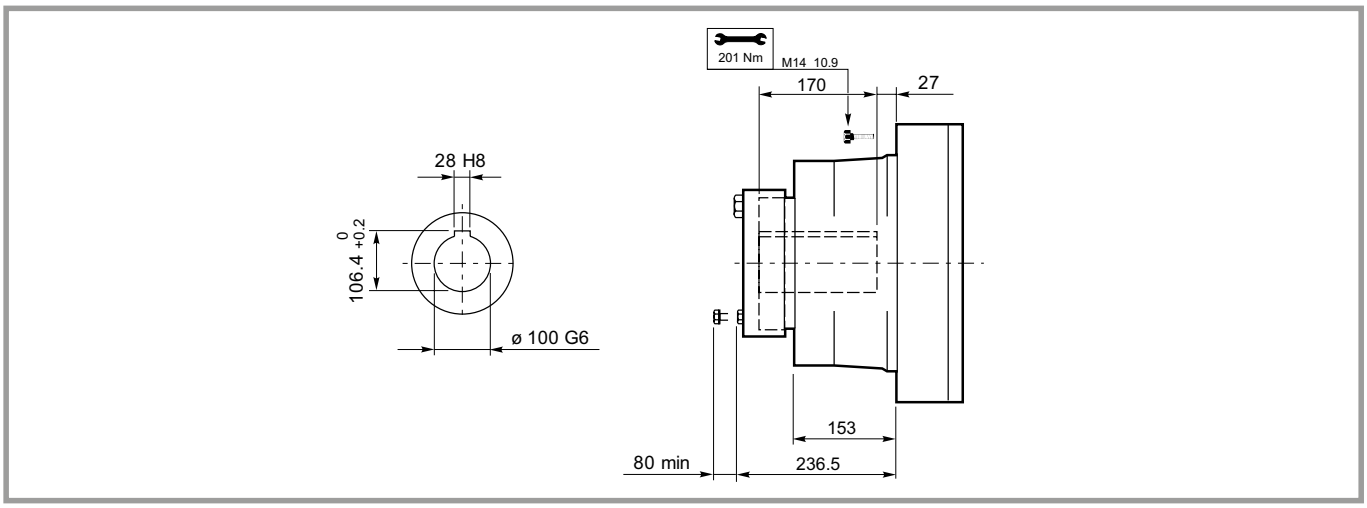

ED 2155
156 Kg
ET 3155
165 Kg
283
351
MR - MR1
30
145
00 FL620/635 SU-SUF
00 FL620/635 SU-SUF
ø 278 f7
ø 240 f7
ø 278 f7
ø 340
ø 280
ø 240
75
10
206
S-45/46
S-65
FL5"
FL6"
IEC Motor
S-45/46
FL5"
IEC Motor
30°
ø 12
N°12 ø 16
ø 314

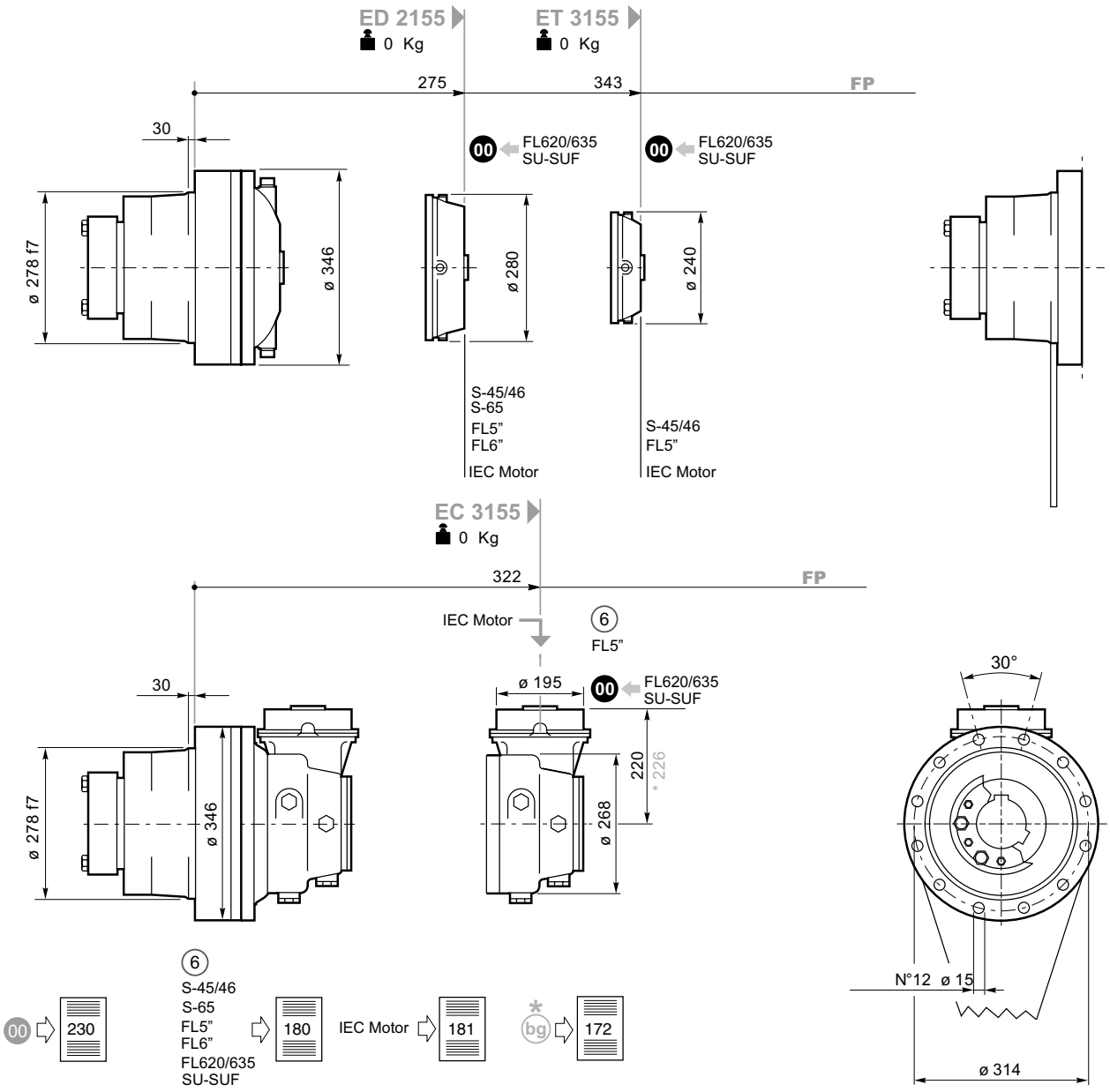

EC 3155
193 Kg
330
MR - MR1
IEC Motor
6
FL5"
30
145
ø 195
00 FL620/635 SU-SUF
ø 278 f7
ø 240 f7
ø 340
220
* 226
ø 268
75
206
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
00 230
180
IEC Motor 181
bg 172
30°
ø 12
N°12 ø 16
ø 314

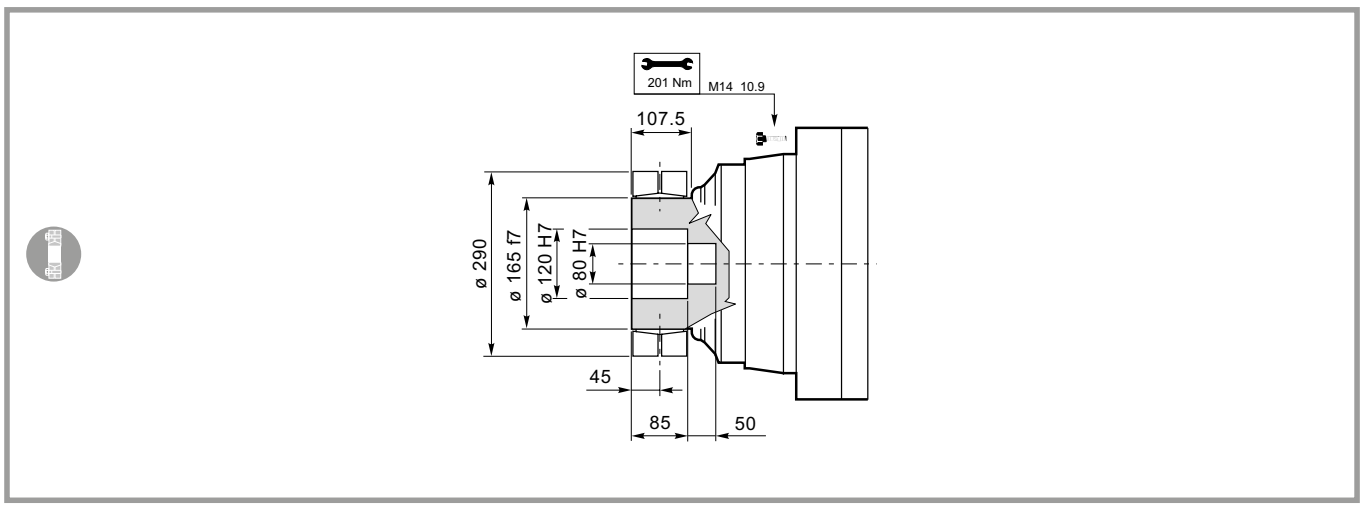

201 Nm
M14 10.9
ø 98
ø 88 H7
A80x74
DIN 5482
7
77
80

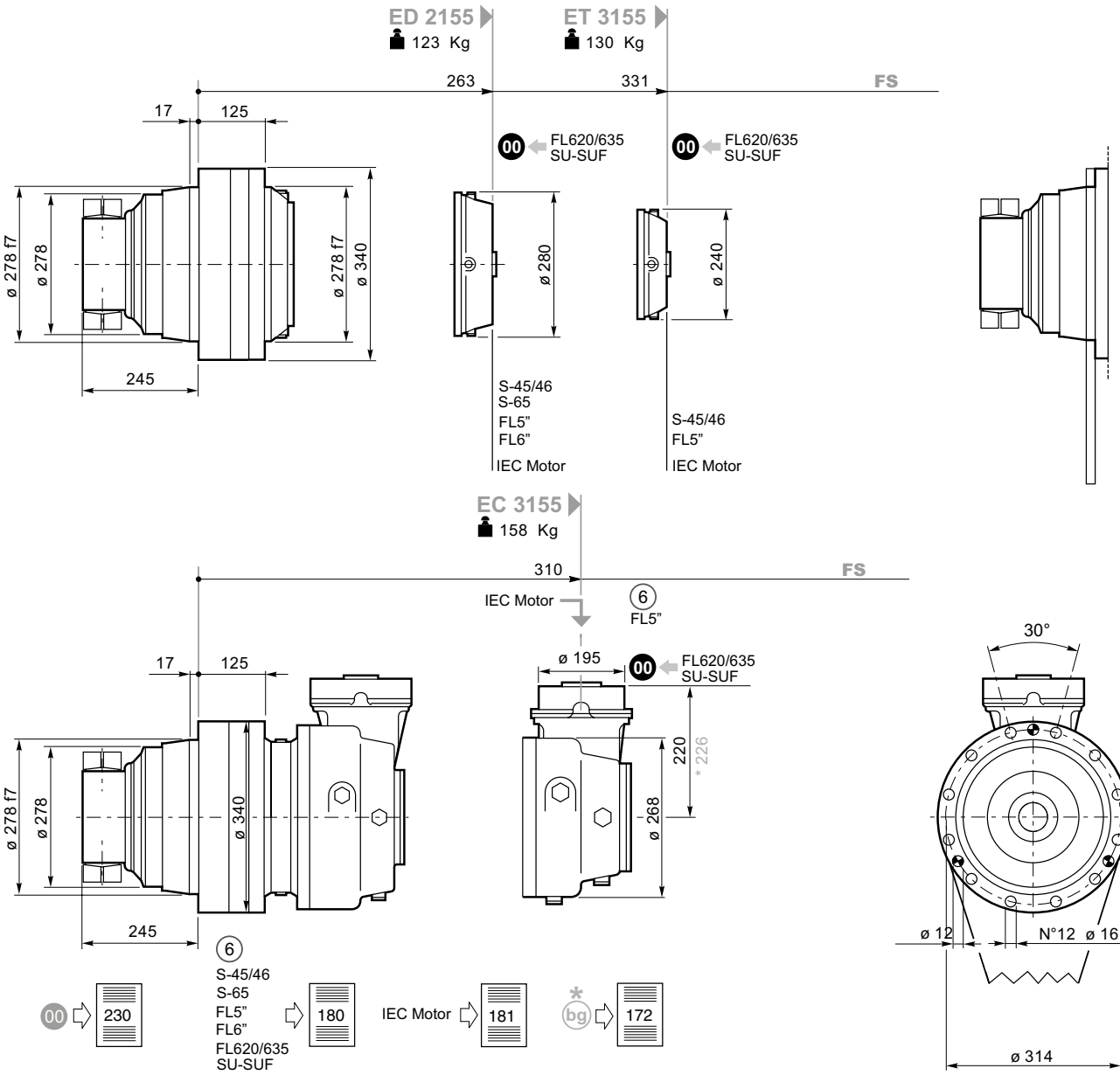

ED 2155
108 Kg
ET 3155
125 Kg
243
311
FE
15
105
00 FL620/635 SU-SUF
00 FL620/635 SU-SUF
ø 278 f7
ø 278 f7
ø 340
ø 280
ø 240
10
S-45/46
S-65
FL5"
FL6"
IEC Motor
S-45/46
FL5"
IEC Motor
30°
ø 12
N°12 ø 16
ø 314

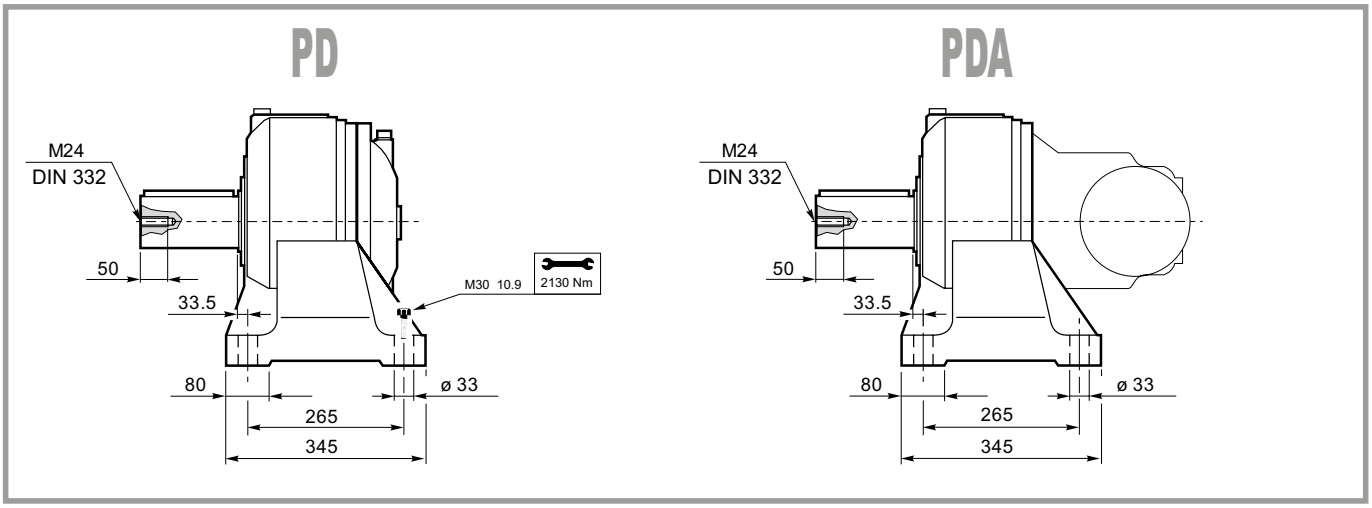

EC 3155
290
FE
IEC Motor
6
FL5"
15
105
ø 195
00 FL620/635 SU-SUF
ø 278 f7
ø 340
220
* 226
ø 268
30°
ø 12
N°12 ø 16
ø 314
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
180
IEC Motor
181
bg
172
00
230

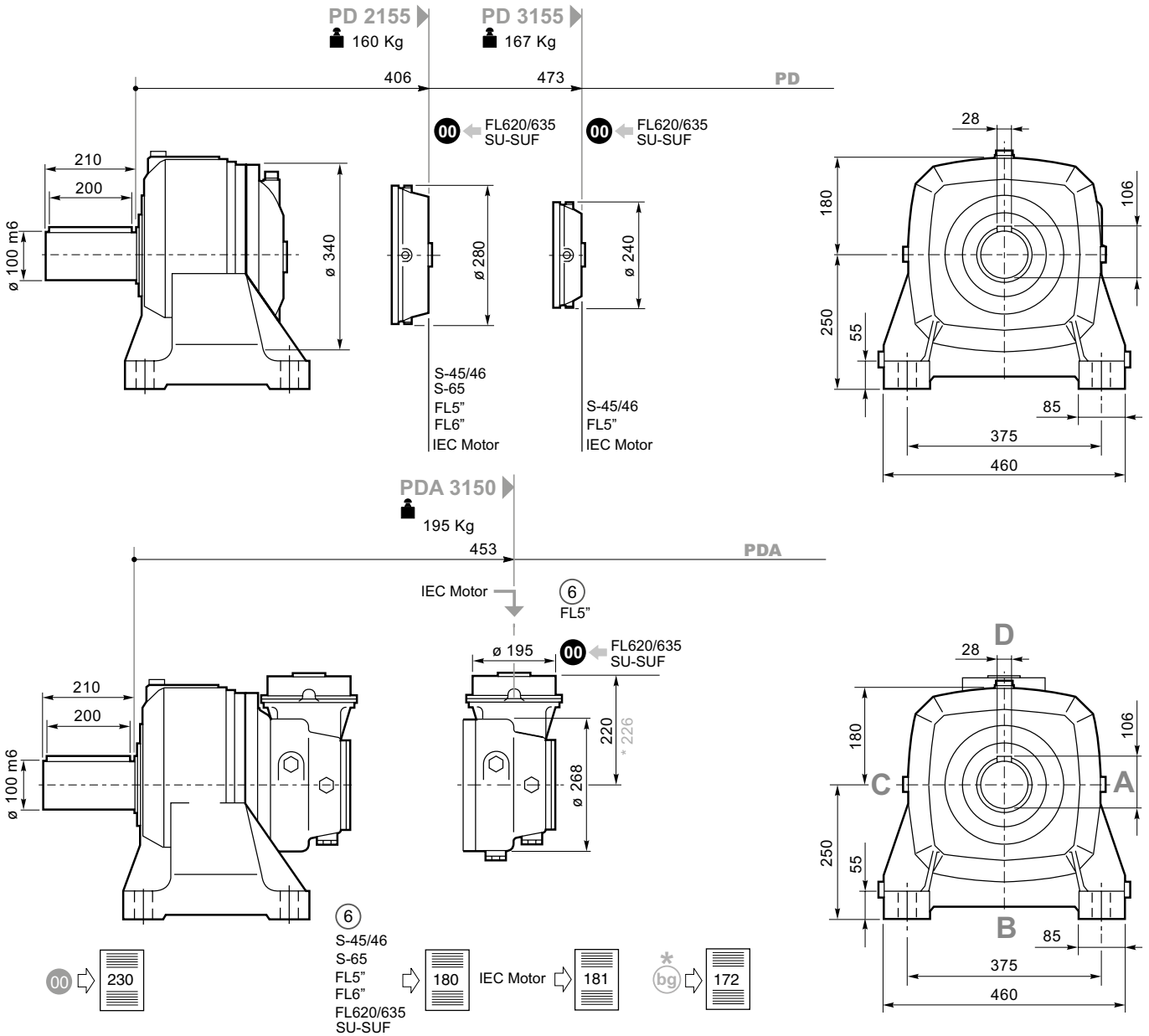

201 Nm
M14 10.9
170
27
28 H8
106.4 +0.2 0
ø 100 G6
153
80 min
236.5


ED 2155
0 Kg
ET 3155
0 Kg
275
343
FP
30
00 FL620/635 SU-SUF
00 FL620/635 SU-SUF
ø 278 f7
ø 346
ø 280
ø 240
S-45/46
S-65
FL5"
FL6"
IEC Motor
S-45/46
FL5"
IEC Motor
EC 3155
0 Kg
322
FP
IEC Motor
6
FL5"
30
ø 195
00 FL620/635 SU-SUF
220
* 226
ø 278 f7
ø 346
ø 268
30°
N°12 ø 15
ø 314
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
180
IEC Motor
181
00
230
bg
172


201 Nm
M14 10.9
107.5
ø 290
ø 165 f7
ø 120 H7
ø 80 H7
45
85
50

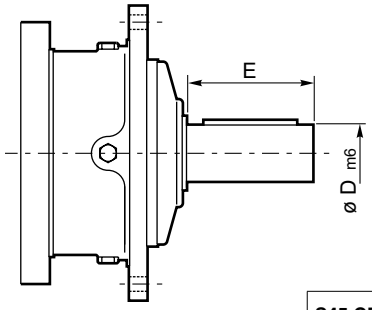

ED 2155
123 Kg
ET 3155
130 Kg
263
331
FS
17
125
00 FL620/635 SU-SUF
00 FL620/635 SU-SUF
ø 278 f7
ø 278
ø 278 f7
ø 340
ø 280
ø 240
245
S-45/46
S-65
FL5"
FL6"
IEC Motor
S-45/46
FL5"
IEC Motor
EC 3155
158 Kg
310
FS
IEC Motor
6
FL5"
17
125
ø 195
00 FL620/635 SU-SUF
ø 278 f7
ø 278
ø 340
220
* 226
ø 268
245
30°
ø 12
N°12 ø 16
ø 314
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
00
230
180
IEC Motor
181
bg
172

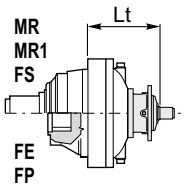

PD
PDA
M24
DIN 332
50
33.5
M30 10.9
2130 Nm
80
265
345
ø 33

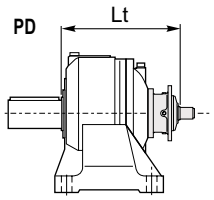

PD 2155
160 Kg
PD 3155
167 Kg
406
473
PD
00 FL620/635 SU-SUF
210
200
ø 100 m6
ø 340
ø 280
ø 240
S-45/46
S-65
FL5"
FL6"
IEC Motor
28
180
106
250
55
85
375
460
PDA 3150
195 Kg
453
PDA
IEC Motor
6
FL5"
ø 195
220
* 226
ø 268
D
C
A
B
6
S-45/46
S-65
FL5"
FL6"
FL620/635
SU-SUF
180
IEC Motor
181
bg
172
230

155

S45CR1-S46C1 S65CR1

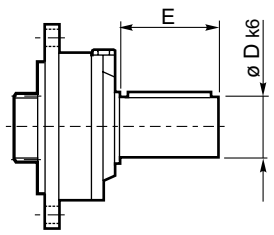




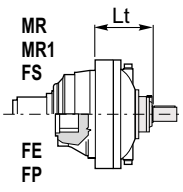


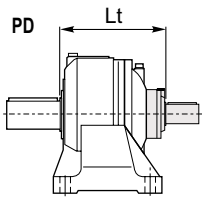
	D m6	E		Lt				
				MN-MN1-FS	MR-MR1	FE	FP	PD
S45 CR1	65	105	**ED 2155**	399.5	419.5	379.5		542.5
			ET 3155	407.5	427.5			550.5
S46 C1	65	105	**ED 2155**	440.5	460.5	420.5		583.5
			ET 3155	448.5	468.5			591.5
S65 CR1	80	130	**ED 2155**	439	459	419		582

SU2

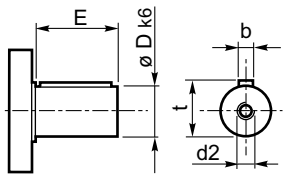


	D k6	E		Lt				
				MN MN1 FS	MR MR1	FE	FP	PD
SU 2	40	58	**ED 2155**	323	343	303	335	446
			ET 3155	391	411	371	403	533

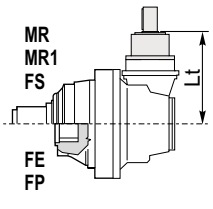


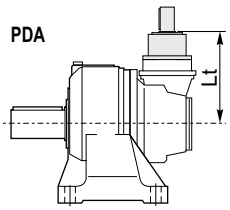


⑥ 48.82



	D	E		Lt
				MN-MN1-MR-MR1-FS-FE-FP-PDA
48.82	48	82	**EC 3155**	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.

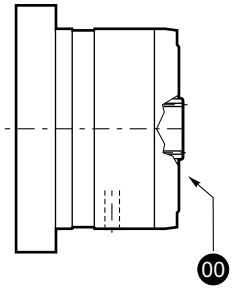
Für die Antriebskonfigurationen: S46C1, S65CR1, 48.82 (CC40 - CC41), FL5" ist auf Anfrage eine Rücklaufsperre verfügbar. Weitere Informationen und die Technischen Daten Sich an die DANA Kontaktperson der zone zu wenden.

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.

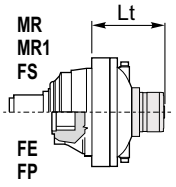
Para las configuraciones en entrada: S46C1, S65CR1, 48.82 (CC40 - CC41), FL5" , se encuentra disponible a pedido, el dispositivo antirretrocesos; para ulteriores informaciones y datos técnicos, consulte a la persona de contacto del área de DANA.

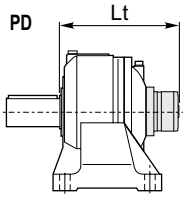
Para as configurações na entrada: S46C1, S65CR1, 48.82 (CC40 - CC41), FL5" está disponível, a pedido, o dispositivo contra-recuos; para mais informações e dados técnicos, consulte seu contato local da DANA.

FL250-FL350-FL450 FL650-FL750 FL960

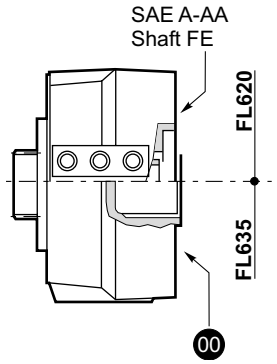


		Lt				
		MN-MN1 FS	MR-MR1	FE	FP	PD-PDA
FL250-FL350 FL450	ED 2155	377	397	357	389	520
	ET 3155	438	458	418	450	581
	EC 3155*	377.5	377.5	377.5	377.5	377.5
	EC 3155	280	280	280	280	280
FL650-FL750	ED 2155	390.5	410.5	370.5	402.5	533.5
	ET 3155	451.5	471.5	431.5	436.5	594.5
	EC 3155*	391	391	391	391	391
	EC 3155	293.5	293.5	293.5	293.5	293.5
FL960	ED 2155	404.5	424.5	384.5	416.5	547.5

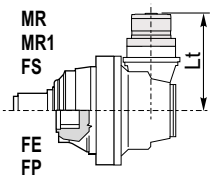


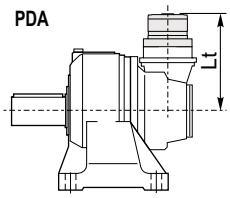


FL620.U-FL635.U



		Lt				
		MN-MN1 FS	MR-MR1	FE	FP	PD
FL620.U	ED 2155	376	396	356	323.5	519
	ET 3155	449	469	429	396.5	592
	EC 3155	324.5	324.5	324.5	324.5	324.5
	EC 3155*	330.5	330.5	330.5	330.5	330.5
FL635.U	ED 2155	344.5	382.5	342.5	310	505.5
	ET 3155	435.5	455.5	415.5	383	578.5
	EC 3155	311	311	311	311	311
	EC 3155*	317	317	317	317	317

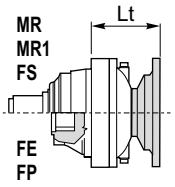


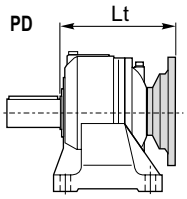


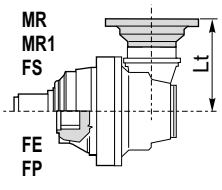
* bg 172

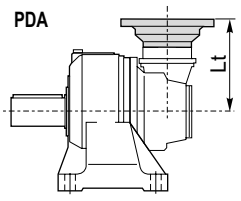
IEC Motor

		Lt							
		IEC 63	IEC 71	IEC 80 90	IEC 100 112	IEC 132	IEC 160 180	IEC 200	IEC 225
ED 2155	MN-MN1-FS			299	300	367	320	408	438
ED 2155	MR-MR1			319	320	387	340	428	458
ED 2155	FE			279	280	347	300	388	418
ED 2155	FP			311.5	312.5	379.5	332.5	420.5	450.5
ET 3155	MN-MN1-FS	365	367	372	373	440	471	481	511
ET 3155	MR-MR1	365	367	372	393	460	491	501	531
ET 3155	FE	365	367	372	353	420	451	461	491
ET 3155	FP	397.5	399.5	404.5	385.5	452.5	483.5	493.5	523.5
PD 2155	PD			442	443	510	463	551	588
PD 3155	PD	508	510	515	516	583	614	624	654
EC 3155	MN-MR-MN1-MR1	240	242	247	248	315	346		
EC 3155*	FE-FS-FP-PDA	246	248	253	254	321	352		





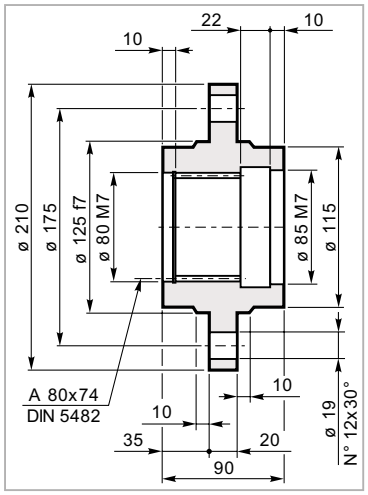




155

FA 150

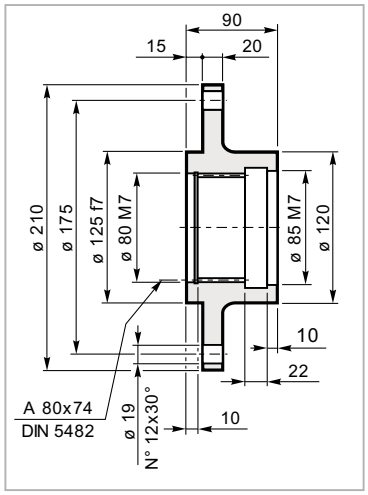
Flangia ruota
Driving flange
Radnabenflansch
Flasque de roue
Brida de la rueda
Flange de roda



Mat. C40 UNI EN 10083
Code: 34701521800

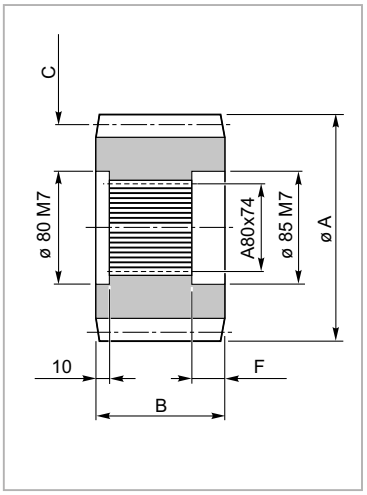
FR 150

Manicotto scanalato
Splined bush
Keilmuffe
Manchon cannelée
Manguito acanalado
Luva ranhurada



Mat. C40 UNI EN 10083
Code: 34701421800

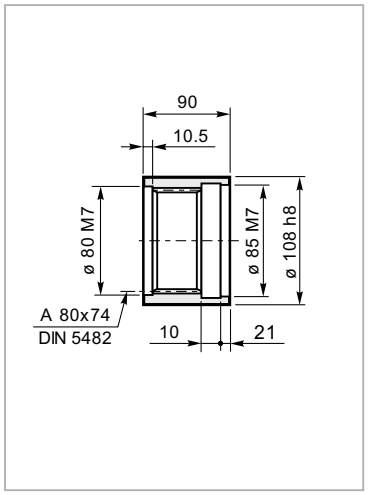
Pignoni
Pinion
Ritzel
Pignon
Piñones
Pinhões



code	A	B	C	F
335.3543.0600	159	90	M=10 Z=13 X=0.5	31

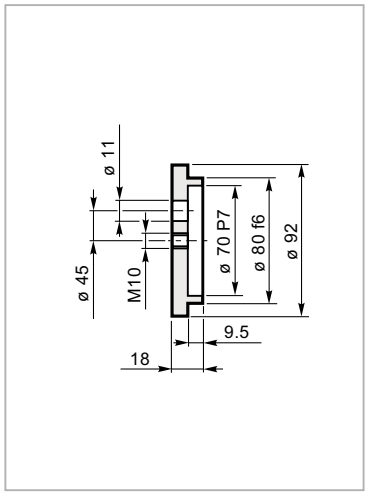
MS 150

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



Mat. 39NiCrMo3 UNI EN 10083
Code: 39103040600

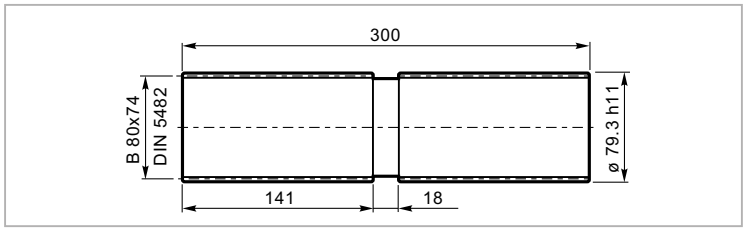
RDF 150



Mat. C40 UNI EN 10083
Code: 37200940800

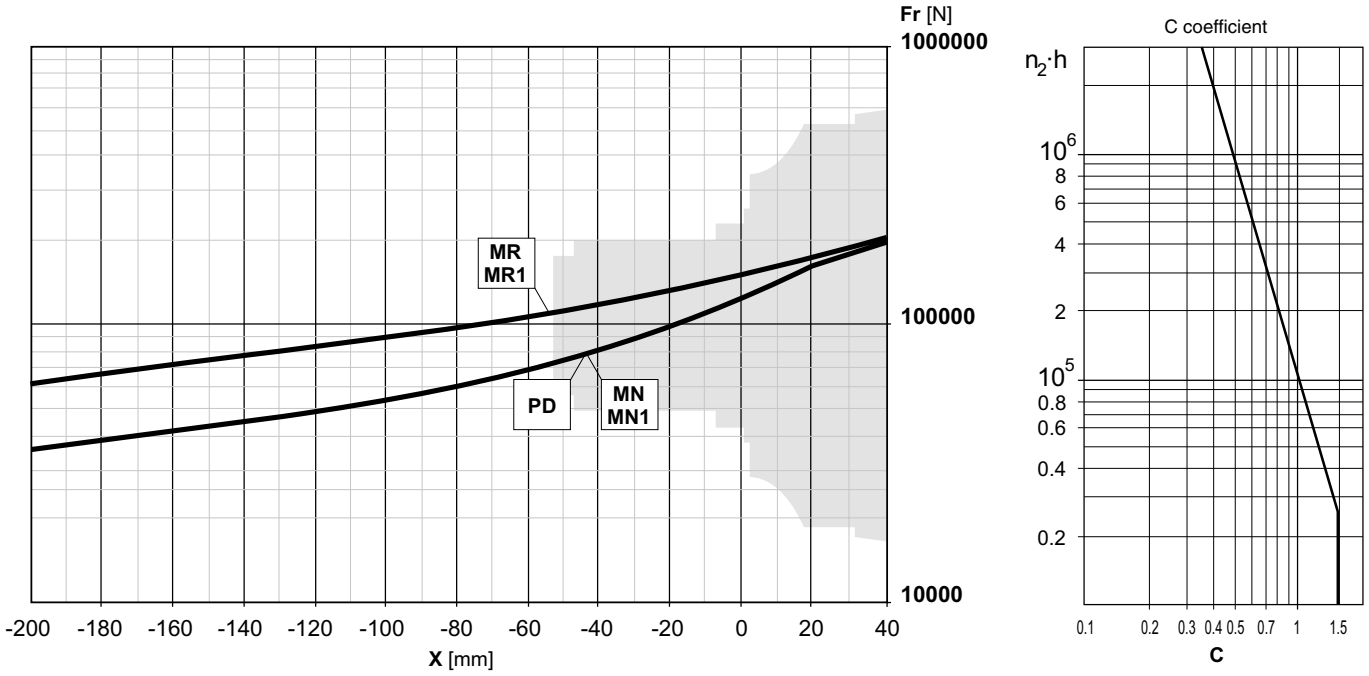
BS 150

Barra scanalata
Splined bar
Zugspindel
Barre cannelée
Barra acanalada
Barra ranhurada

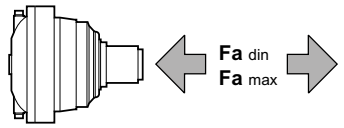


Code: 39127230100
Mat.: Acciaio legato ad elevata resistenza meccanica
Alloyed steel with high mechanical resistance
Legierungsstahl mit hoher mechanischer Festigkeit
Alliage d'acier à haute résistance mécanique
Aleación de acero de elevada resistencia mecánica
Aço ligado de elevada resistência mecânica

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

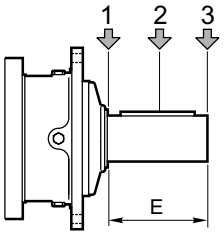


Carichi assiali / Axial loads / Axialkräfte / Charges axiales / Cargas axiales / Forças axiais

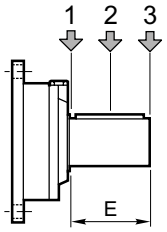


		Flange mounted		PD-PDA
		MN-MN1	MR-MR1	MR1
Fadin	[N]	68000	100000	40000
Famax	[N]	680000	100000	40000

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