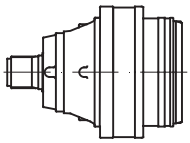
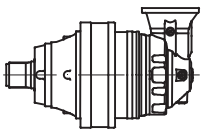
PD 119

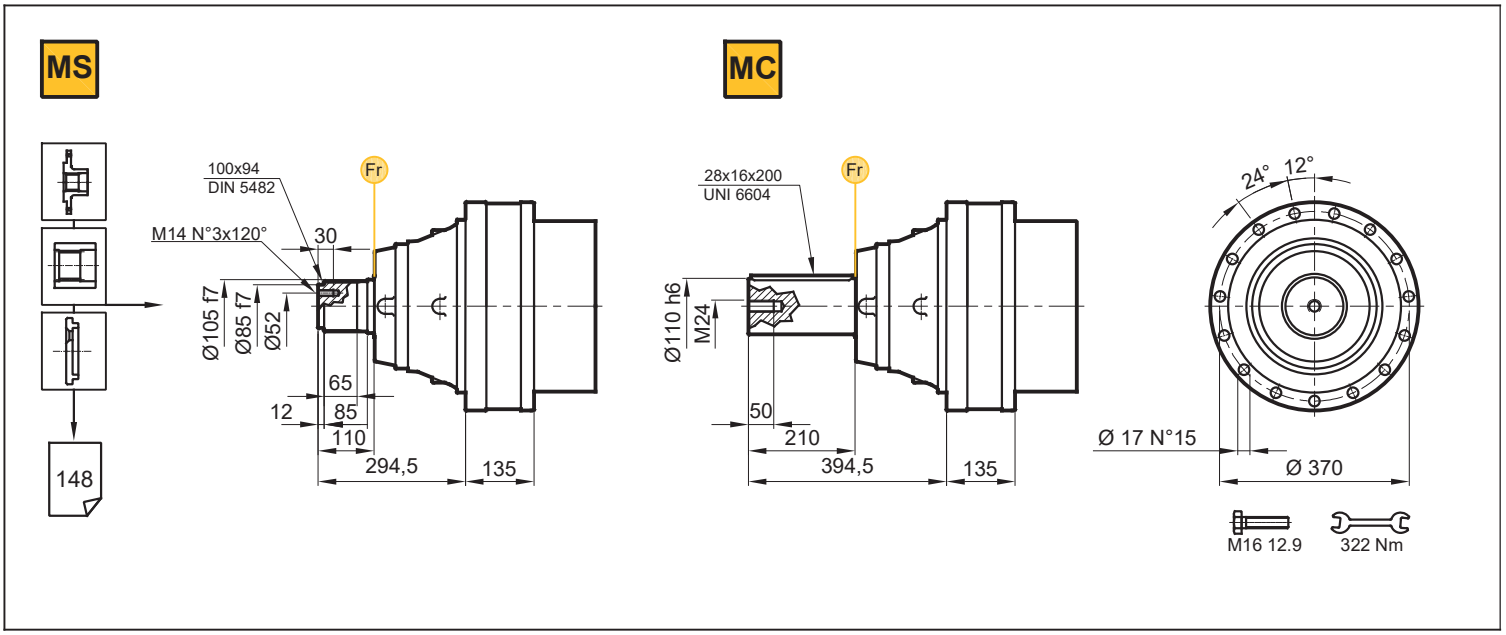
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 119 S2	14.2	34750	30760	26180	23170	2000	61520	34
	17.1	34750	30760	26180	23170	2000	61520	34
	22.4	34750	30760	26180	23170	2000	61520	34
	29.1	26870	23780	20240	17910	2000	47560	34
	35.1	26870	23780	20240	17910	2000	47560	34
PD 119 S3	53.7	34750	30760	26180	23170	2800	61520	23
	64.7	34750	30760	26180	23170	2800	61520	23
	70.7	34750	30760	26180	23170	2800	61520	23
	73.5	34750	30760	26180	23170	2800	61520	23
	88.6	34750	30760	26180	23170	2800	61520	23
	92.4	34750	30760	26180	23170	2800	61520	23
	102.9	34750	30760	26180	23170	2800	61520	23
	115.7	34750	30760	26180	23170	2800	61520	23
	124.3	34750	30760	26180	23170	2800	61520	23
	134.4	34750	30760	26180	23170	2800	61520	23
	162.4	34750	30760	26180	23170	2800	61520	23
	174.7	26870	23780	20240	17910	2800	47560	23
	181.3	26870	23780	20240	17910	2800	47560	23
PD 119 S4	191.0	34750	30760	26180	23170	2800	61520	17
	208.6	34750	30760	26180	23170	2800	61520	17
	251.4	34750	30760	26180	23170	2800	61520	17
	277.5	34750	30760	26180	23170	2800	61520	17
	300.9	34750	30760	26180	23170	2800	61520	17
	314.9	34750	30760	26180	23170	2800	61520	17
	328.5	34750	30760	26180	23170	2800	61520	17
	362.6	34750	30760	26180	23170	2800	61520	17
	379.5	34750	30760	26180	23170	2800	61520	17
	396.0	34750	30760	26180	23170	2800	61520	17
	437.1	34750	30760	26180	23170	2800	61520	17
	477.3	34750	30760	26180	23170	2800	61520	17
	495.9	34750	30760	26180	23170	2800	61520	17
	517.4	34750	30760	26180	23170	2800	61520	17
	532.5	34750	30760	26180	23170	2800	61520	17
	576.0	34750	30760	26180	23170	2800	61520	17
	597.8	34750	30760	26180	23170	2800	61520	17
	623.7	34750	30760	26180	23170	2800	61520	17
	694.2	34750	30760	26180	23170	2800	61520	17
	752.6	34750	30760	26180	23170	2800	61520	17
	781.2	34750	30760	26180	23170	2800	61520	17
	838.8	34750	30760	26180	23170	2800	61520	17
	1015.5	26870	23780	20240	17910	2800	47560	17
	1164.8	34750	30760	26180	23170	2800	61520	17
	1254.8	26870	23780	20240	17910	2800	47560	17
	1425.0	26870	23780	20240	17910	2800	47560	17

PDA 119

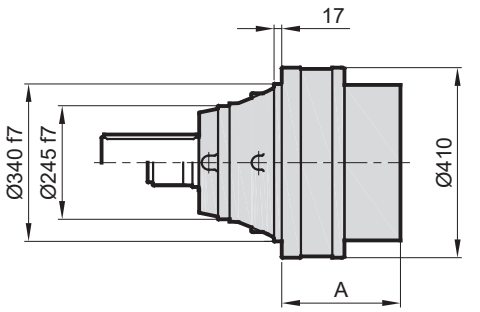
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 119 S3	39.5	34750	30760	26180	23170	2800	61520	23
	47.7	34750	30760	26180	23170	2800	61520	23
	51.4	26870	23780	20240	17910	2800	47560	23
	60.9	34750	30760	26180	23170	2800	61520	23
	73.4	34750	30760	26180	23170	2800	61520	23
	81.0	26870	23780	20240	17910	2800	47560	23
	96.0	34750	30760	26180	23170	2800	61520	23
	124.8	26870	23780	20240	17910	2800	47560	23
	150.4	26870	23780	20240	17910	2800	47560	23
PDA 119 S4	123.6	34750	30760	26180	23170	2800	61520	17
	134.9	34750	30760	26180	23170	2800	61520	17
	169.0	34750	30760	26180	23170	2800	61520	17
	196.3	34750	30760	26180	23170	2800	61520	17
	237.2	34750	30760	26180	23170	2800	61520	17
	252.8	34750	30760	26180	23170	2800	61520	17
	293.5	34750	30760	26180	23170	2800	61520	17
	304.6	34750	30760	26180	23170	2800	61520	17
	317.9	34750	30760	26180	23170	2800	61520	17
	353.8	34750	30760	26180	23170	2800	61520	17
	398.1	34750	30760	26180	23170	2800	61520	17
	427.5	34750	30760	26180	23170	2800	61520	17
	462.3	34750	30760	26180	23170	2800	61520	17
	498.1	26870	23780	20240	17910	2800	47560	17
	517.6	26870	23780	20240	17910	2800	47560	17
	558.7	34750	30760	26180	23170	2800	61520	17
	601.0	26870	23780	20240	17910	2800	47560	17
	623.8	26870	23780	20240	17910	2800	47560	17
	724.5	26870	23780	20240	17910	2800	47560	17
	875.4	26870	23780	20240	17910	2800	47560	17

⚠ $\frac{(n_2 \times h = 20000)}{T_{2max}=T_2 \times 2}$

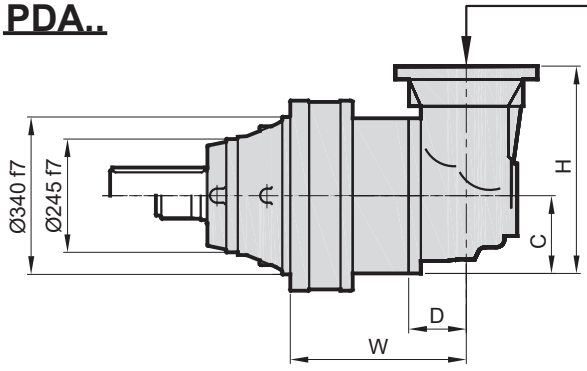
PD/PDA 119

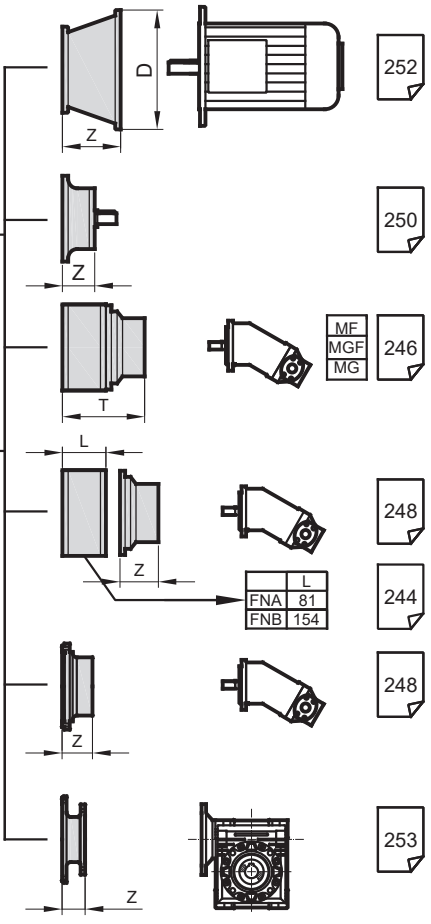


PD..



PDA..

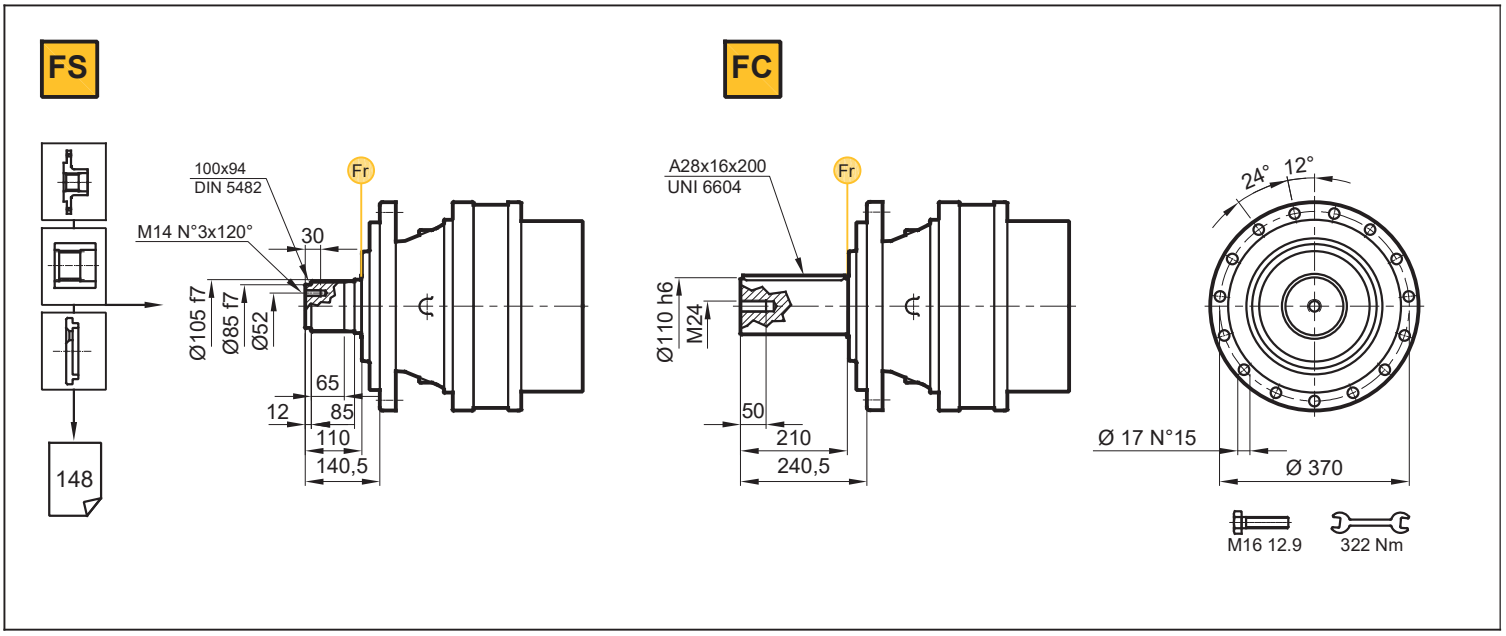




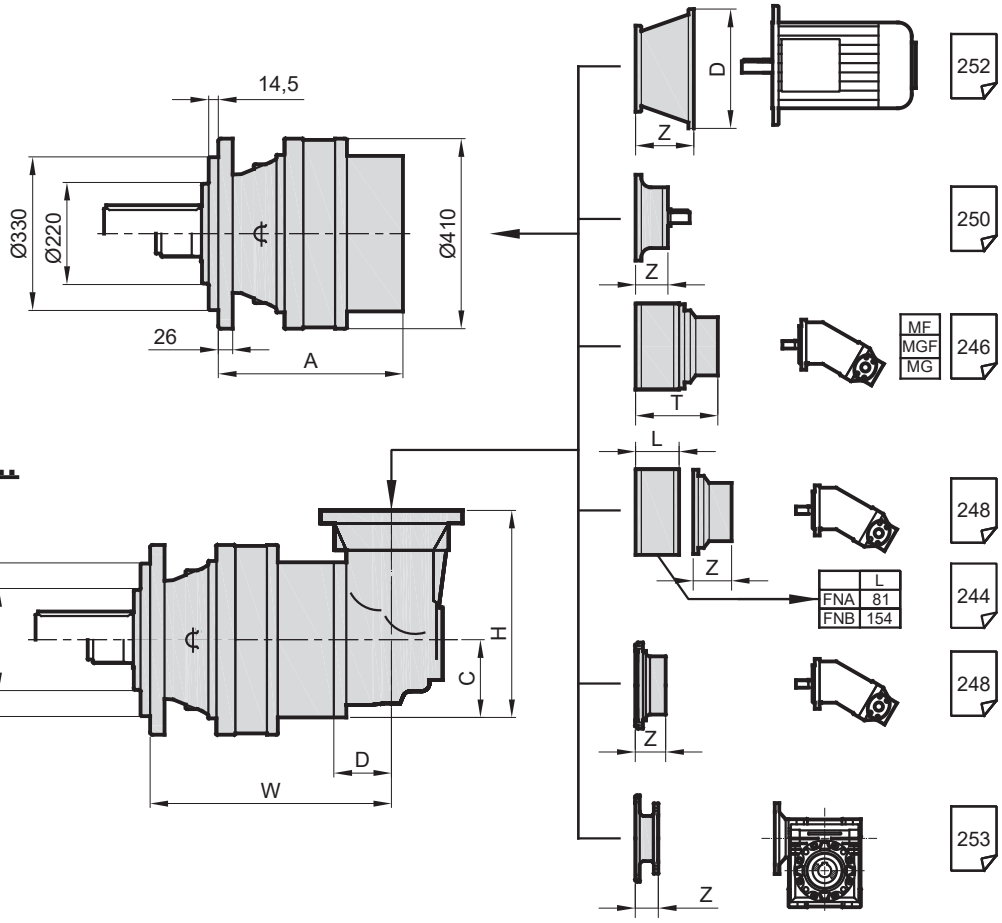
Stage	W	D	C	H	A	PD M	PDA M
S2	-	-	-	-	319	237	-
S3	391	121	172,5	457	391	253	300
S4	456	103	122	319	452	261	282

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

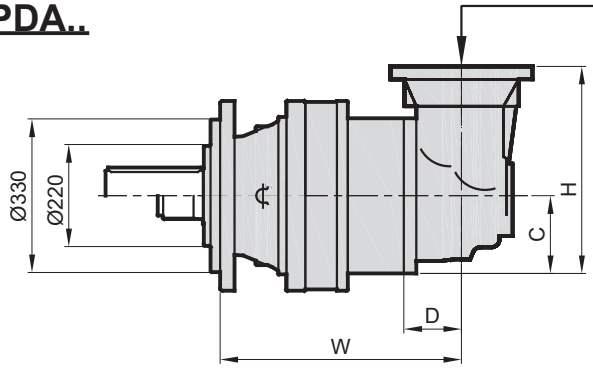
PD/PDA 119



PD..



PDA..

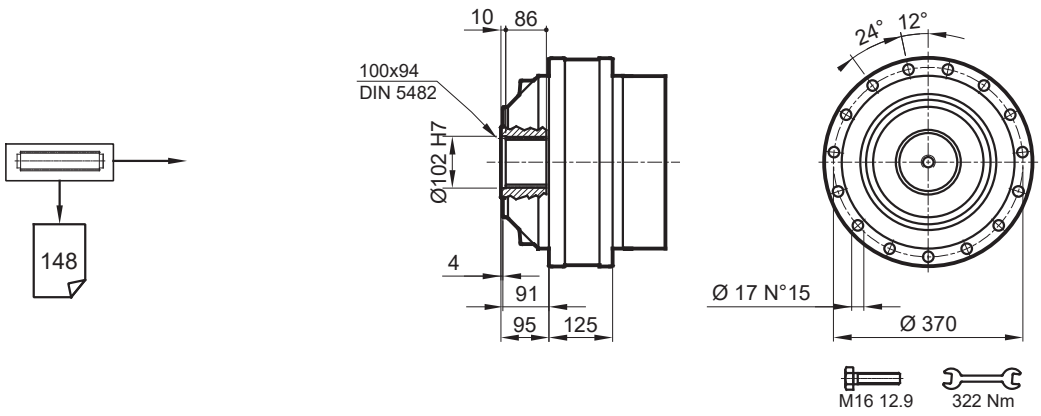


Stage	W	D	C	H	A	PD F	PDA F
S2	-	-	-	-	473	260	-
S3	545	121	172,5	457	545	276	323
S4	610	103	122	319	606	284	305

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

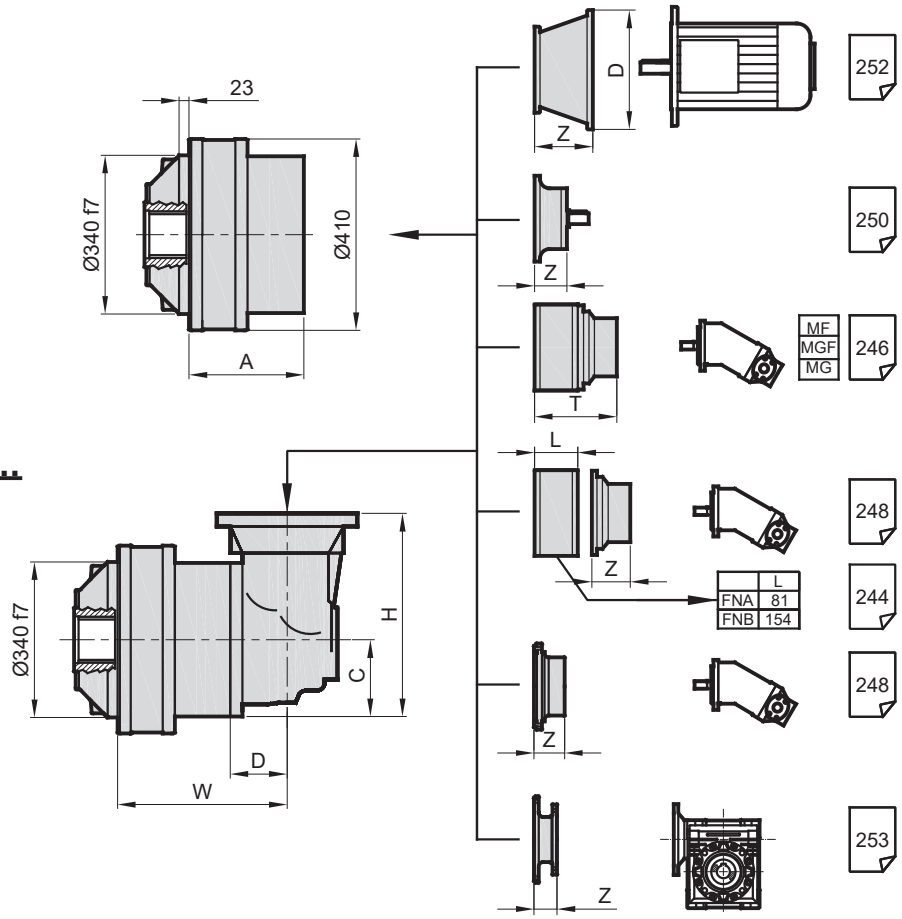
PD/PDA 119

S



PD..

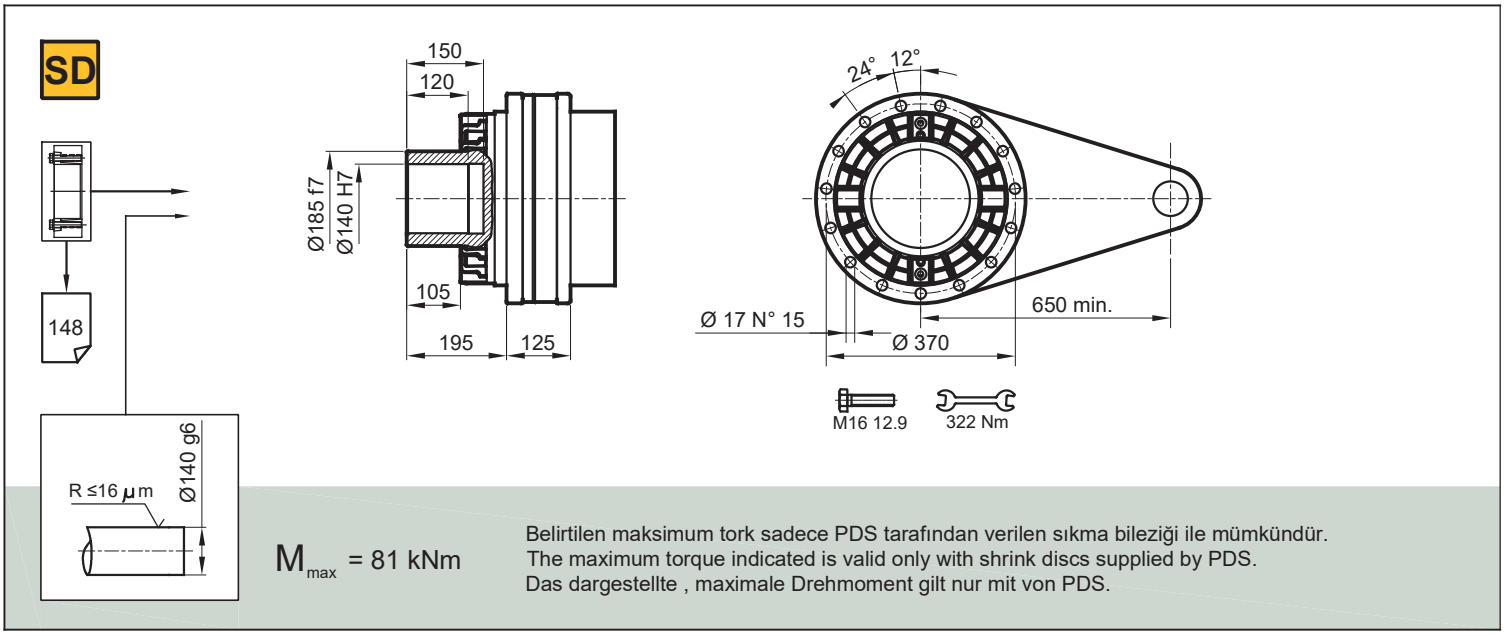
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S2	-	-	-	-	309	188	-
S3	381	121	172,5	457	381	204	251
S4	446	103	122	319	442	212	233

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 119

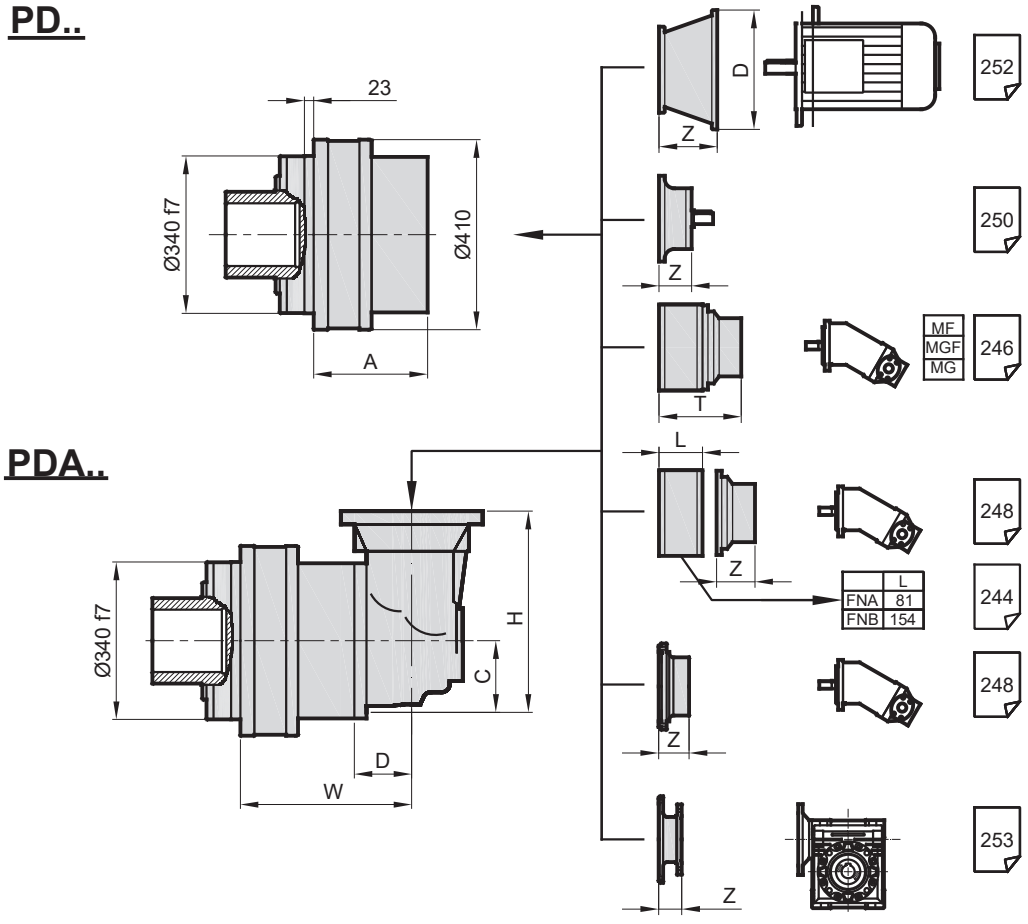


M_{max} = 81 kNm

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..

PDA..

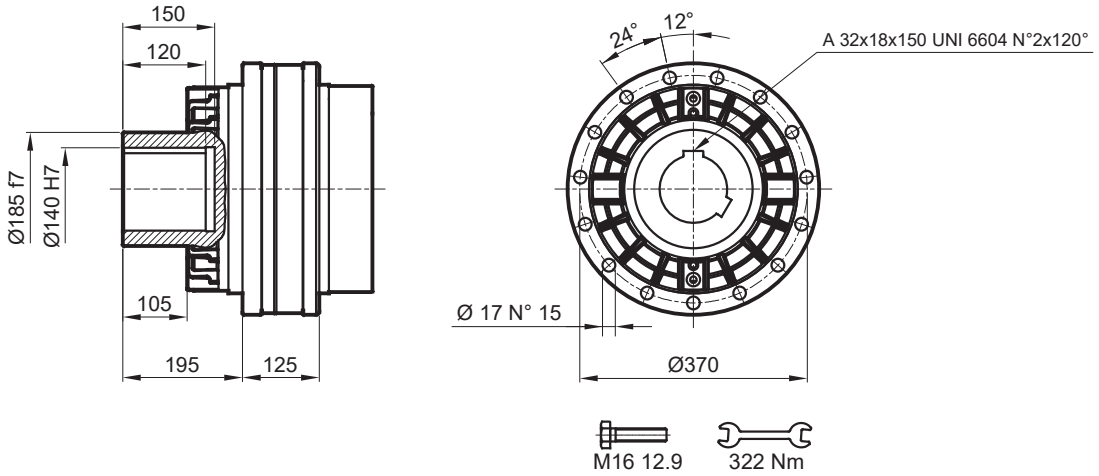


Stage	W	D	C	H	A	PD SD	PDA SD
S2	-	-	-	-	309	207	-
S3	381	121	172,5	457	381	224	270
S4	446	103	122	319	442	232	253

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

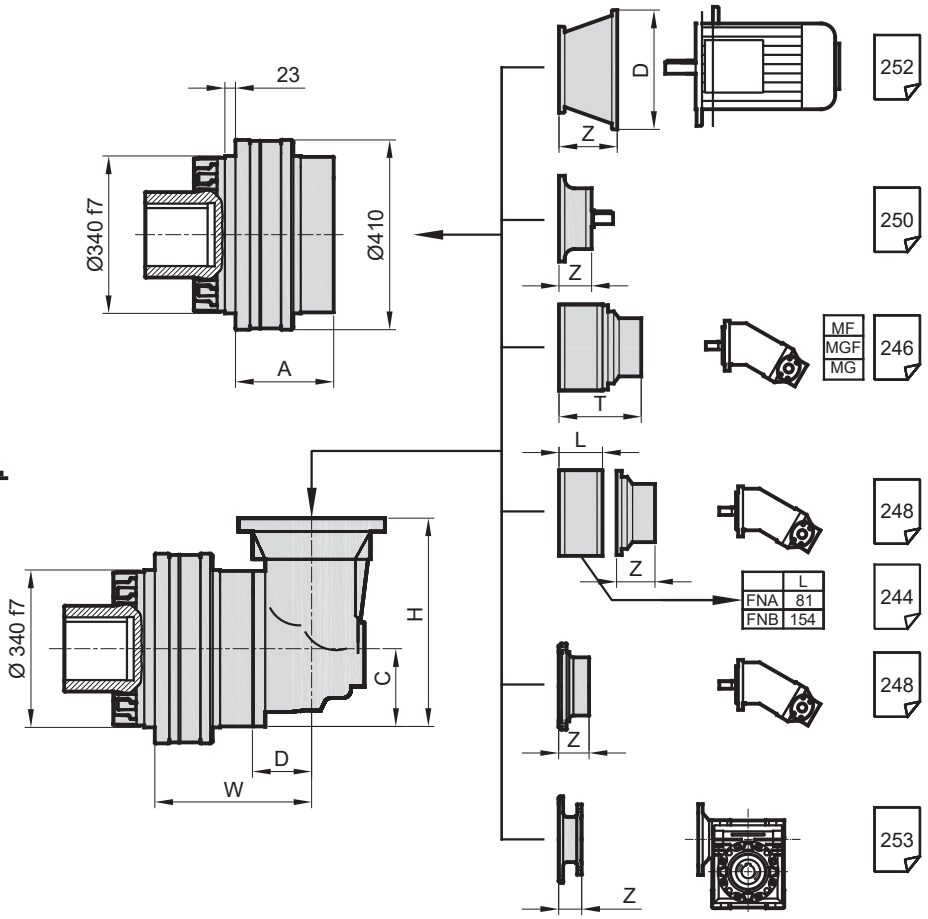
PD/PDA 119

DKM



PD..

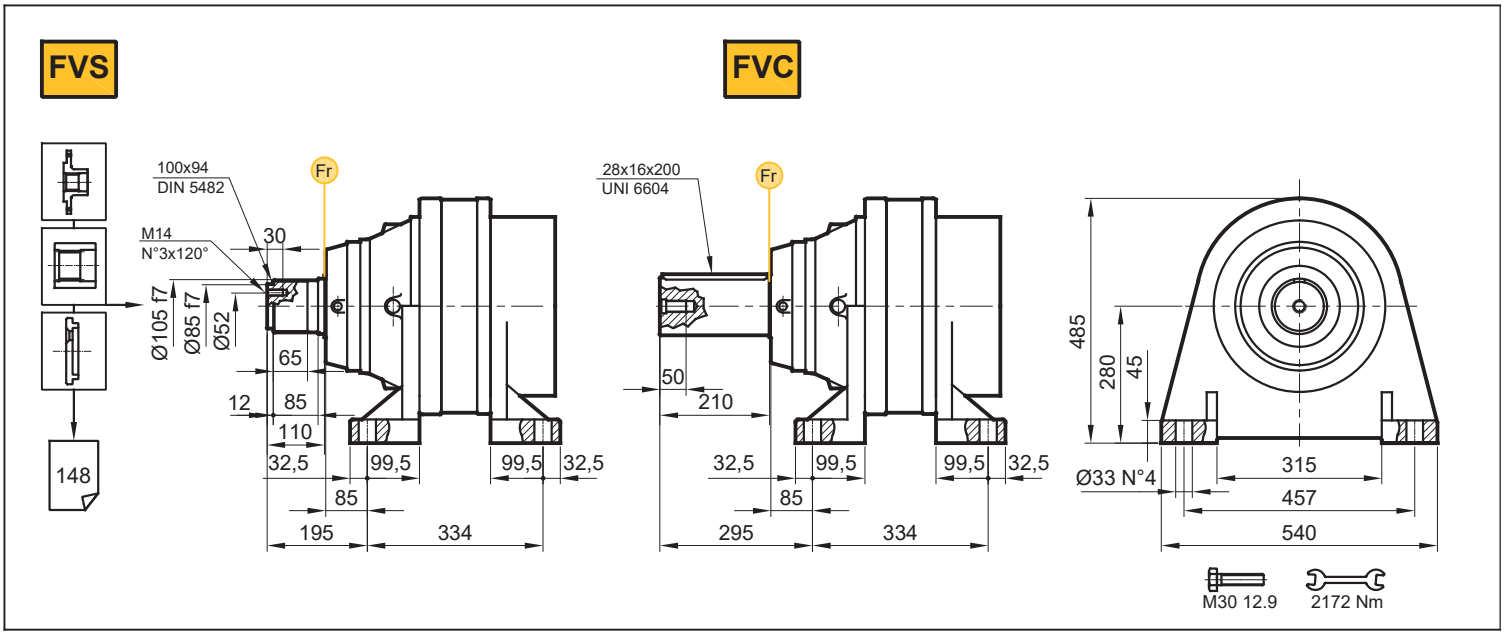
PDA..

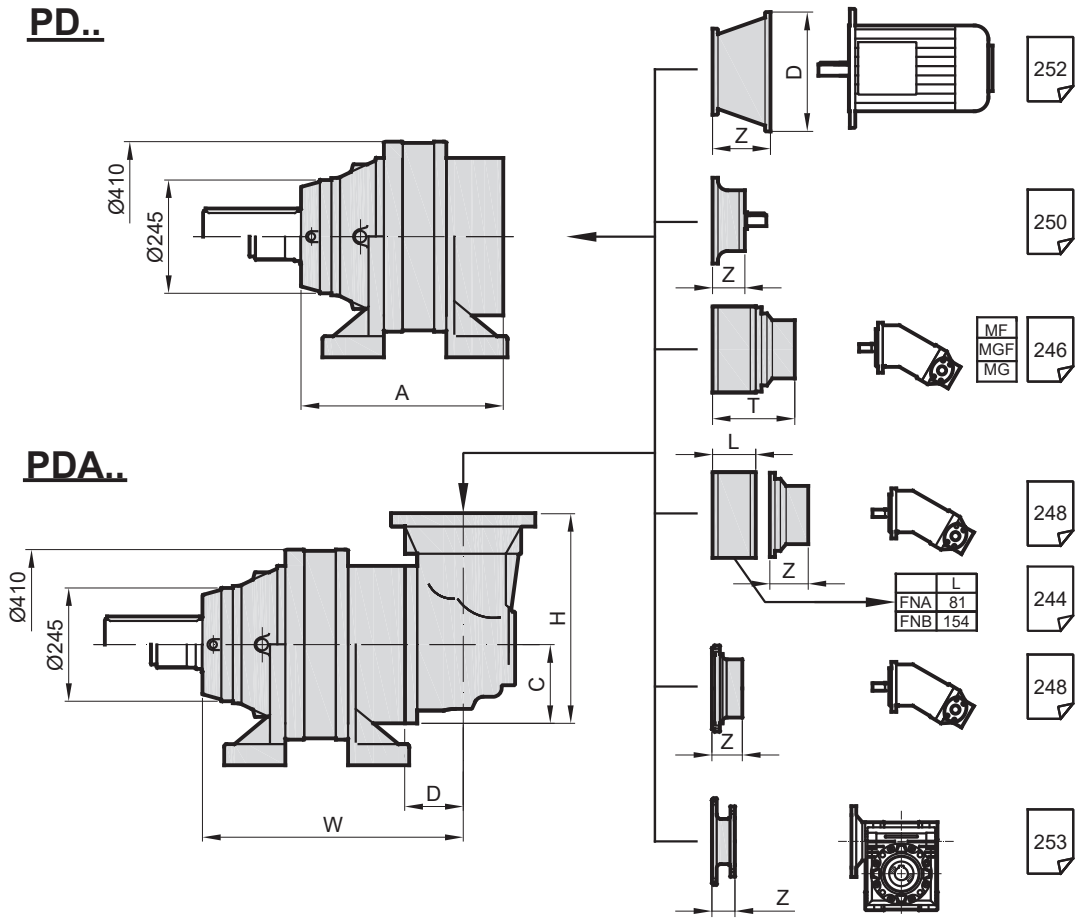


Stage	W	D	C	H	A	PD DKM	PDA DKM
S2	-	-	-	-	309	226	-
S3	381	121	172,5	457	381	242	289
S4	446	103	122	319	442	251	271

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104		120,5	-	-	-	-	-	-

PD/PDA 119



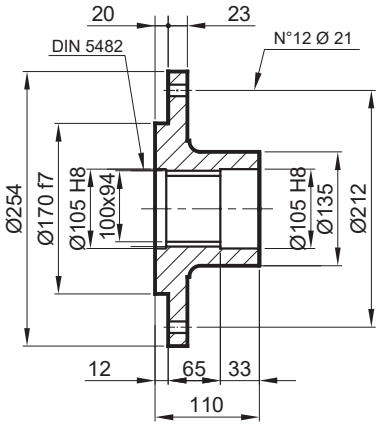


Stage	W	D	C	H	A	PD FV	PDA FV
S2	-	-	-	-	503,5	296	-
S3	575,5	121	172,5	457	575,5	313	359
S4	640,5	103	122	319	636,5	251	342

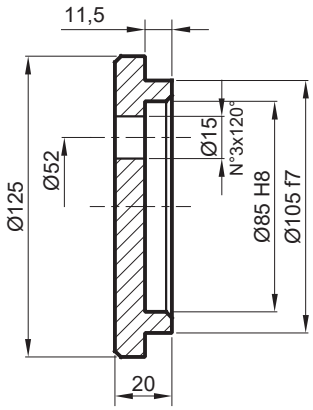
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 119

FL Flanş / *Flange* / Flansch



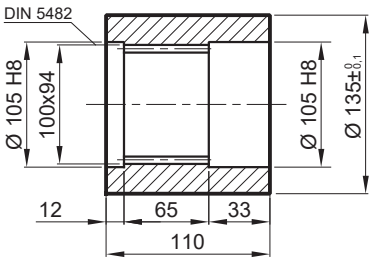
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



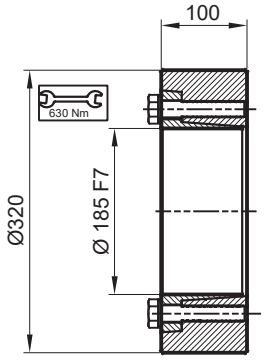
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material

DIN 1.7225
42CrMo4

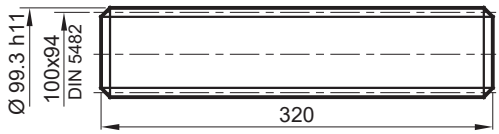


SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
81 kNm

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

DIN 1.7225 / 42CrMo4
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

PD/PDA 119

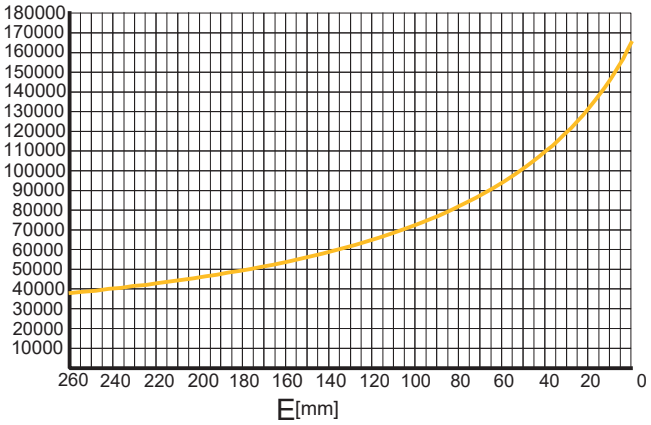
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

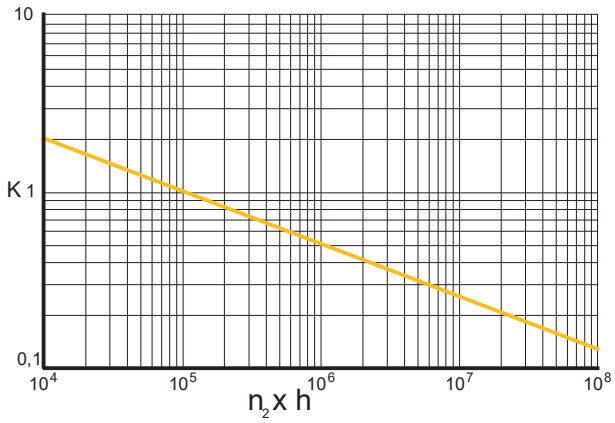
RADIAL LOADS(Fr)
The following curves show the radial loads and the K factors to obtain the required n_2x h value.

RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

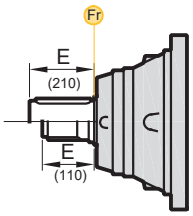
M-FV

Fr[N]

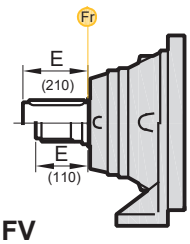




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



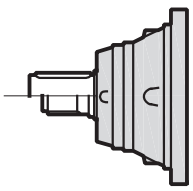
FV

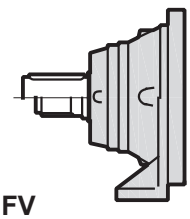
AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

AXIAL LOADS (Fa)
The values of the axial loads in the table refer to the output versions and load directions of application.

AXIALLAST (Fa)
Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
	75000	75000	←
	95000	95000	→


M


FV