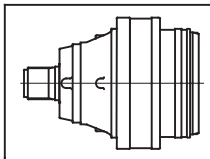
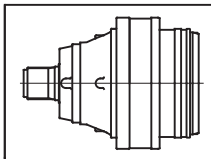
PD 117

	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 117 S1	4.00	31700	28060	23680	21140	1500	56120	50
	5.20	26870	23780	20240	17910	1500	47560	50
	6.25	20730	18350	15620	13820	1500	36700	50
PD 117 S2	14.7	31700	28060	23680	21140	2800	56120	30
	19.1	26870	23780	20240	17910	2800	47560	30
	23.0	26870	23780	20240	17910	2800	47560	30
	26.0	26870	23780	20240	17910	2800	47560	30
	30.2	26870	23780	20240	17910	2800	47560	30
	36.2	20730	18350	15620	13820	2800	36700	30
	43.7	20730	18350	15620	13820	2800	36700	30
PD 117 S3	55.4	31700	28060	23680	21140	2800	56120	20
	60.5	31700	28060	23680	21140	2800	56120	20
	72.0	26870	23780	20240	17910	2800	47560	20
	88.0	31700	28060	23680	21140	2800	56120	20
	95.0	26870	23780	20240	17910	2800	47560	20
	107.3	26870	23780	20240	17910	2800	47560	20
	114.4	26870	23780	20240	17910	2800	47560	20
	124.4	26870	23780	20240	17910	2800	47560	20
	134.3	26870	23780	20240	17910	2800	47560	20
	156.0	26870	23780	20240	17910	2800	47560	20
	167.0	26870	23780	20240	17910	2800	47560	20
	188.5	26870	23780	20240	17910	2800	47560	20
	218.6	26870	23780	20240	17910	2800	47560	20
	226.5	20730	18350	15620	13820	2800	36700	20
	262.8	20730	18350	15620	13820	2800	36700	20
	317.2	20730	18350	15620	13820	2800	36700	20
PD 117 S4	338.8	31700	28060	23680	21140	2800	56120	15
	374.0	31700	28060	23680	21140	2800	56120	15
	408.4	31700	28060	23680	21140	2800	56120	15
	424.3	31700	28060	23680	21140	2800	56120	15
	493.2	31700	28060	23680	21140	2800	56120	15
	511.5	31700	28060	23680	21140	2800	56120	15
	594.0	31700	28060	23680	21140	2800	56120	15
	656.7	31700	28060	23680	21140	2800	56120	15
	752.2	26870	23780	20240	17910	2800	47560	15
	762.7	31700	28060	23680	21140	2800	56120	15
	803.1	26870	23780	20240	17910	2800	47560	15
	873.6	26870	23780	20240	17910	2800	47560	15
	935.0	26870	23780	20240	17910	2800	47560	15
	1013.3	26870	23780	20240	17910	2800	47560	15
	1127.0	26870	23780	20240	17910	2800	47560	15
	1272.4	26870	23780	20240	17910	2800	47560	15
	1354.5	20730	18350	15620	13820	2800	36700	15
	1476.0	26870	23780	20240	17910	2800	47560	15
	1529.3	20730	18350	15620	13820	2800	36700	15
	1774.0	20730	18350	15620	13820	2800	36700	15

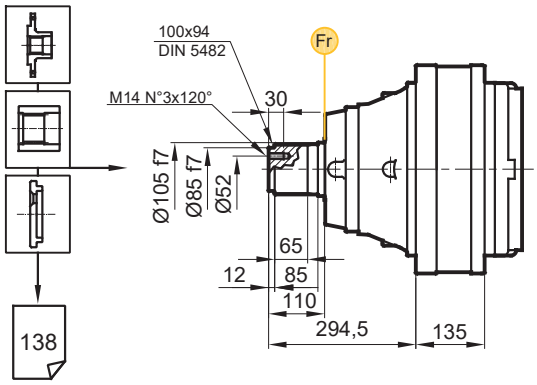
PDA 117

	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 117 S2	14.2	31700	28060	23680	21140	2000	56120	30
	18.5	31700	28060	23680	21140	2000	56120	30
	22.1	20730	18350	15620	13820	2000	36700	30
	24.1	26870	23780	20240	17910	2000	47560	30
	28.9	20730	18350	15620	13820	2000	36700	30
PDA 117 S3	49.3	31700	28060	23680	21140	2800	56120	20
	64.1	26870	23780	20240	17910	2800	47560	20
	67.8	31700	28060	23680	21140	2800	56120	20
	77.4	26870	23780	20240	17910	2800	47560	20
	87.4	26870	23780	20240	17910	2800	47560	20
	101.3	26870	23780	20240	17910	2800	47560	20
	106.5	26870	23780	20240	17910	2800	47560	20
	120.2	26870	23780	20240	17910	2800	47560	20
	139.5	26870	23780	20240	17910	2800	47560	20
	144.5	20730	18350	15620	13820	2800	36700	20
	167.7	20730	18350	15620	13820	2800	36700	20
	202.3	20730	18350	15620	13820	2800	36700	20
PDA 117 S4	162.3	31700	28060	23680	21140	2800	56120	15
	222.0	31700	28060	23680	21140	2800	56120	15
	230.4	26870	23780	20240	17910	2800	47560	15
	257.8	31700	28060	23680	21140	2800	56120	15
	287.8	26870	23780	20240	17910	2800	47560	15
	314.2	26870	23780	20240	17910	2800	47560	15
	364.5	26870	23780	20240	17910	2800	47560	15
	393.6	26870	23780	20240	17910	2800	47560	15
	456.6	26870	23780	20240	17910	2800	47560	15
	489.2	26870	23780	20240	17910	2800	47560	15
	530.2	26870	23780	20240	17910	2800	47560	15
	640.7	26870	23780	20240	17910	2800	47560	15
	769.1	20730	18350	15620	13820	2800	36700	15
	929.4	20730	18350	15620	13820	2800	36700	15

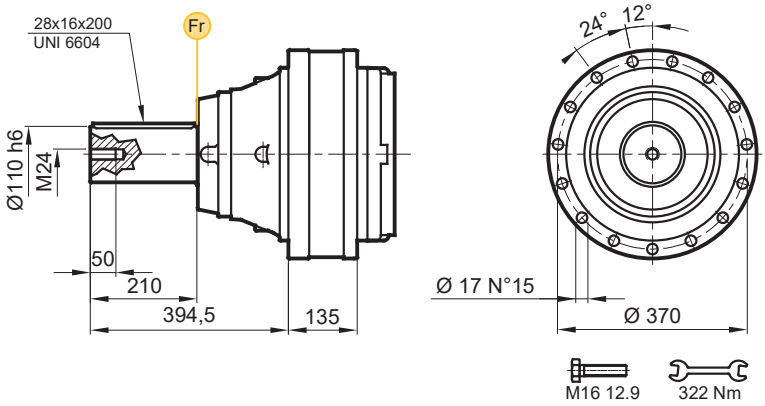
⚠ $\frac{(n_2 \times h = 20000)}{T_{2max} = T_2 \times 2}$

PD/PDA 117

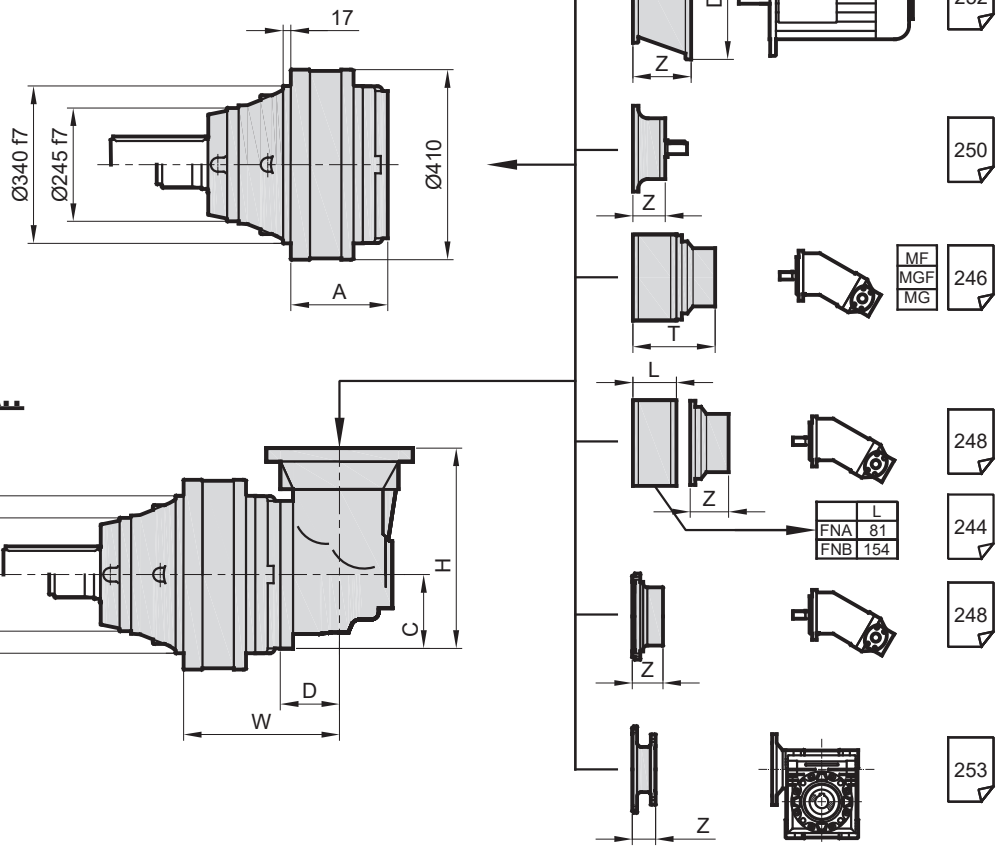
MS



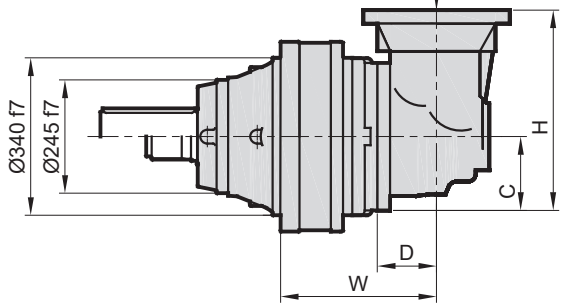
MC



PD..



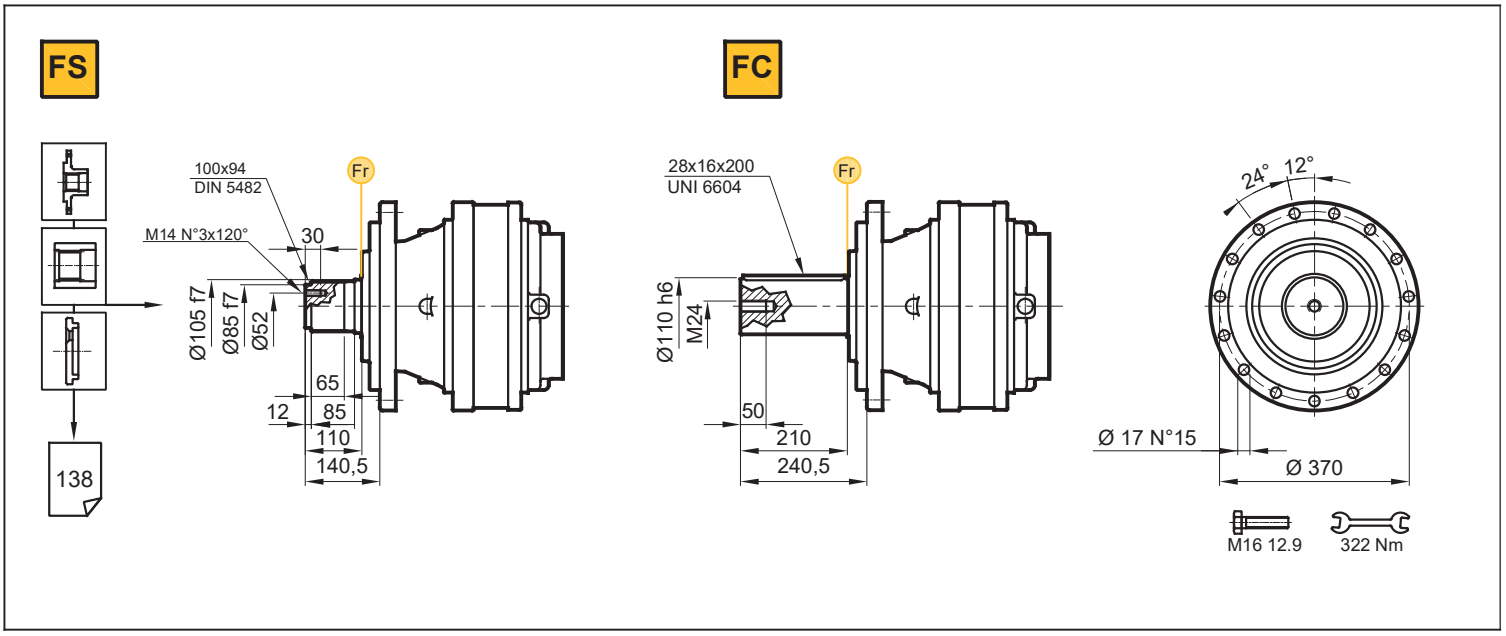
PDA..



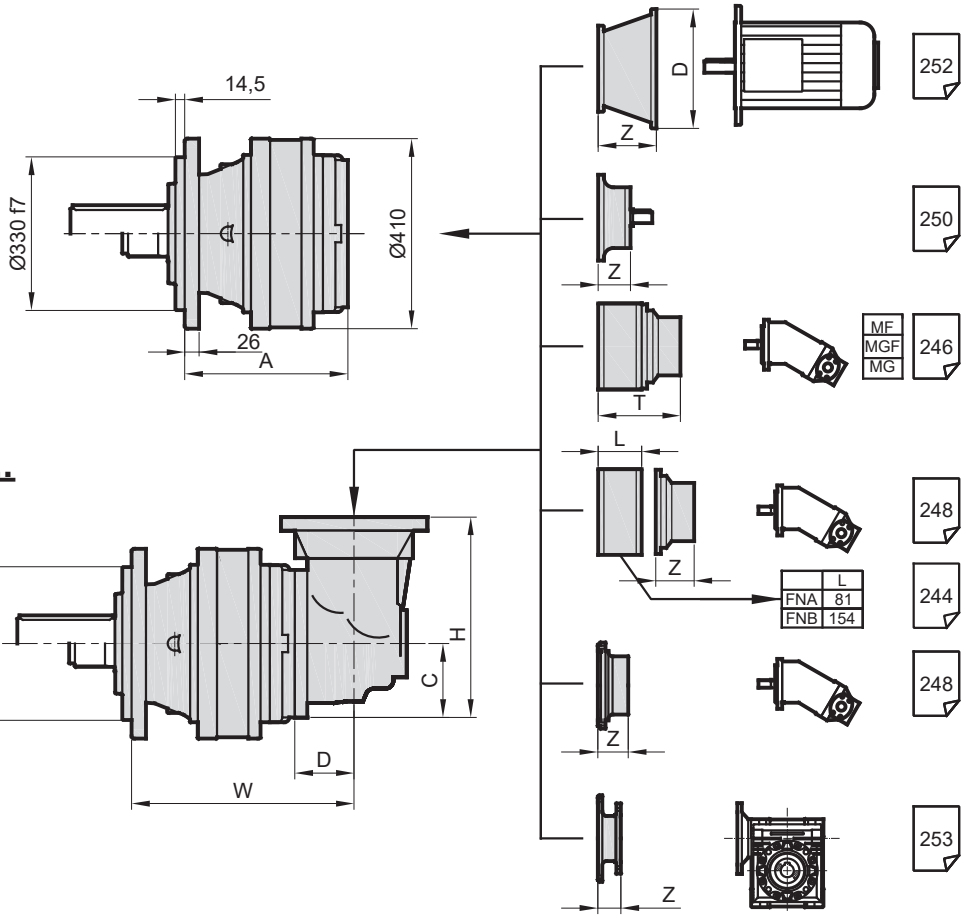
Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	219	200	-
S2	342	225,2	205	569	312,5	226	317
S3	376,5	118,5	140	390	373	239	276
S4	449	75	92,5	253,5	421,5	245	256

	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
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	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	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 117



PD..



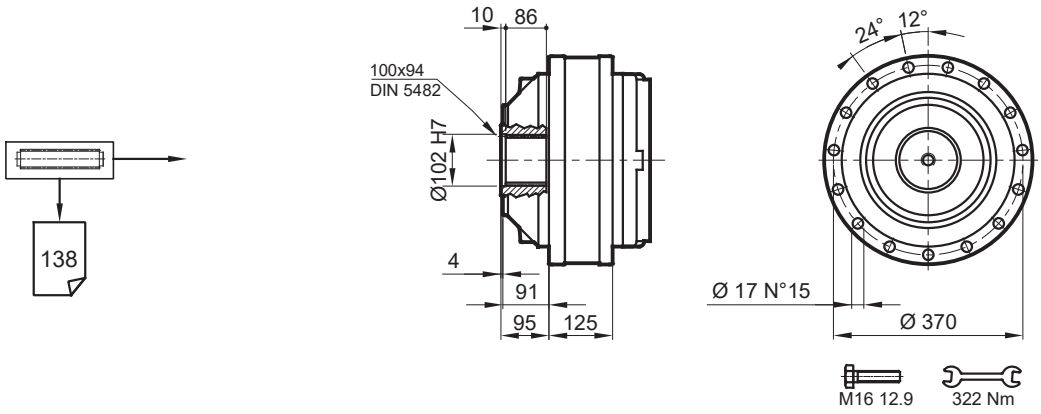
PDA..

Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	373	220	-
S2	496	225,2	205	569	466,5	247	337
S3	530,5	118,5	140	390	527	259	297
S4	603	75	92,5	253,5	575,5	266	277

	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
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	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	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

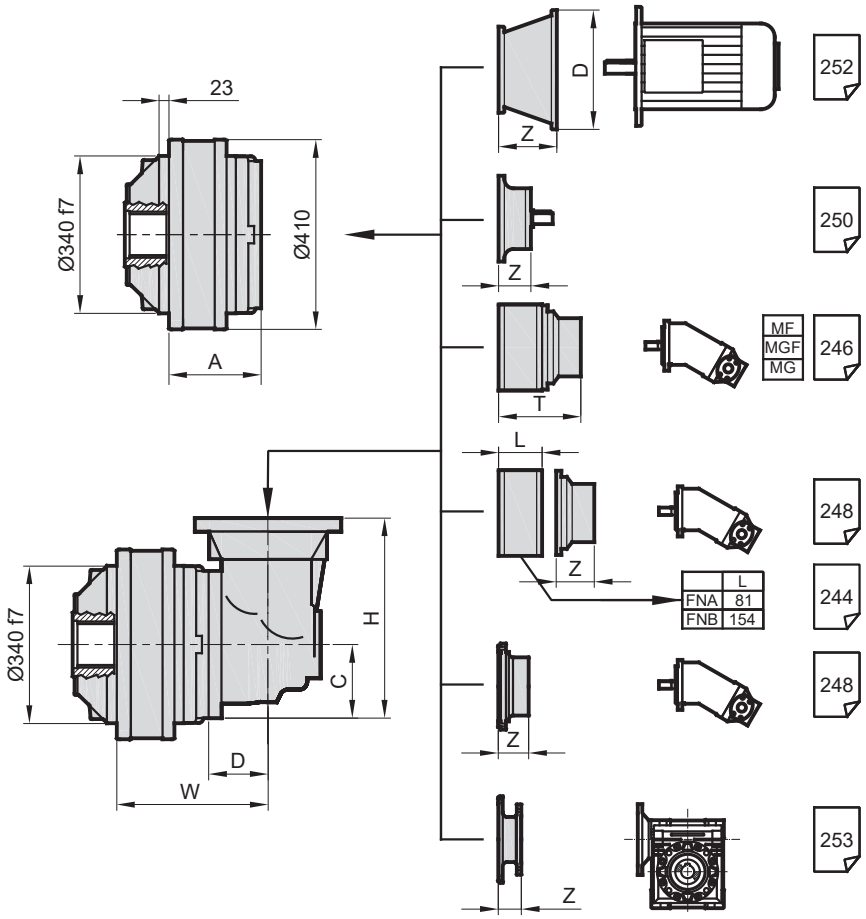
PD/PDA 117

S



PD..

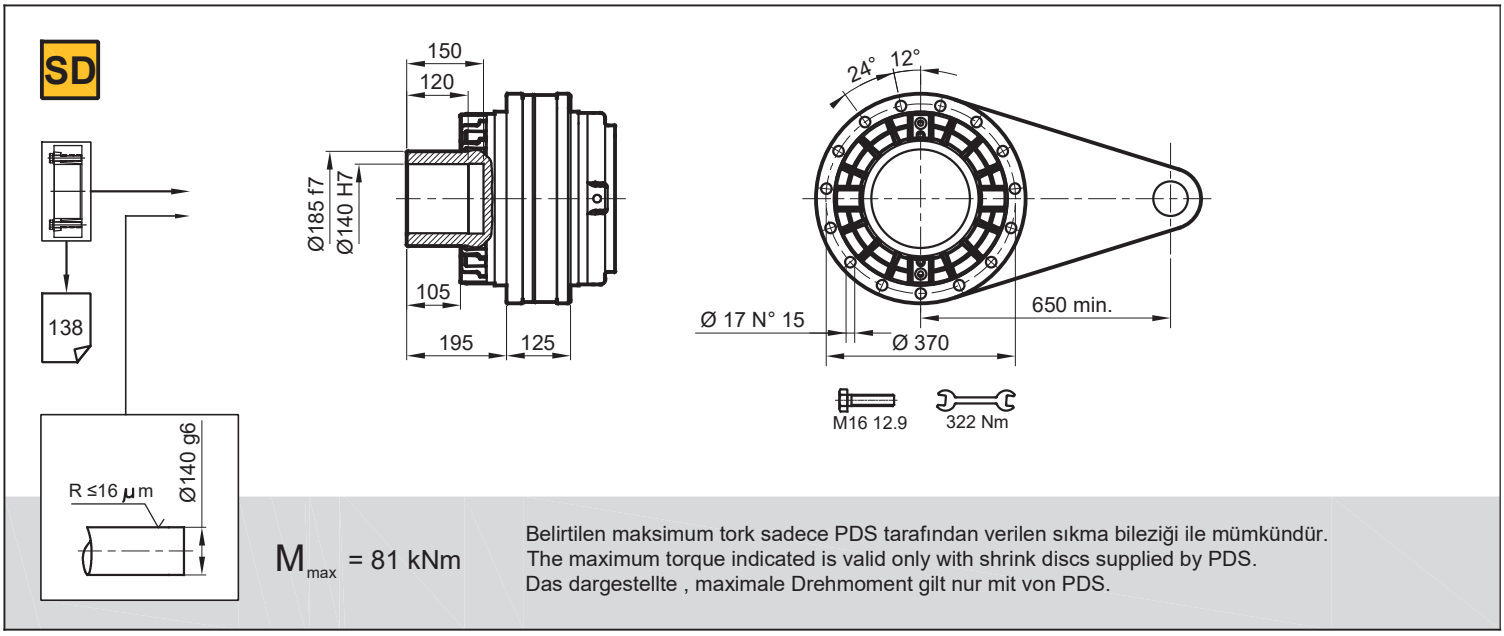
PDA..



Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	209	150	-
S2	332	225,2	205	569	302,5	177	267
S3	366,5	118,5	140	390	363	189	227
S4	439	75	92,5	253,5	411,5	196	207

	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
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	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	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

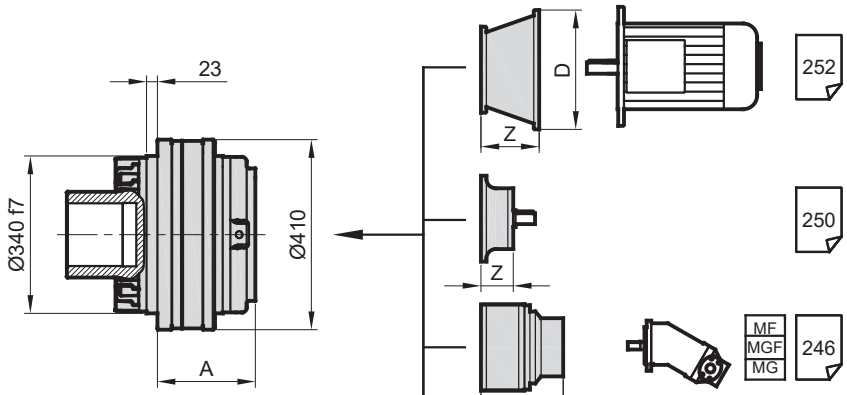
PD/PDA 117



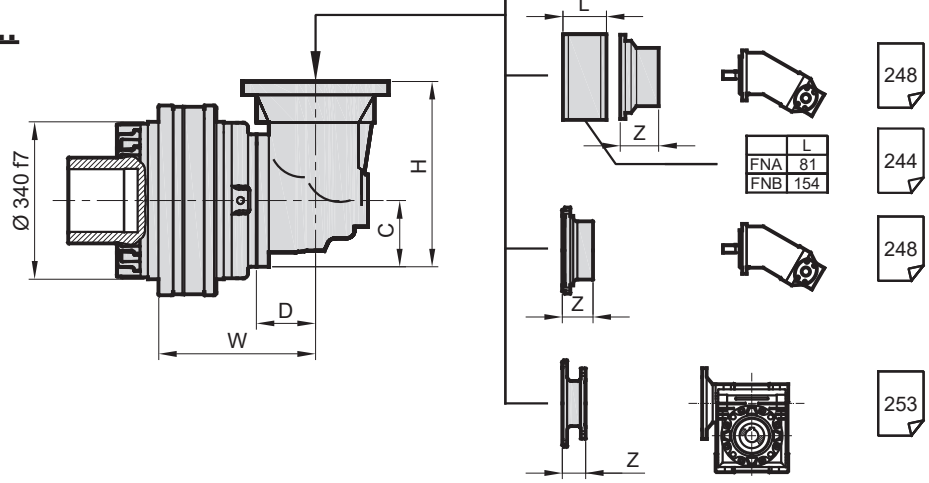
M_{max} = 81 kNm

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..

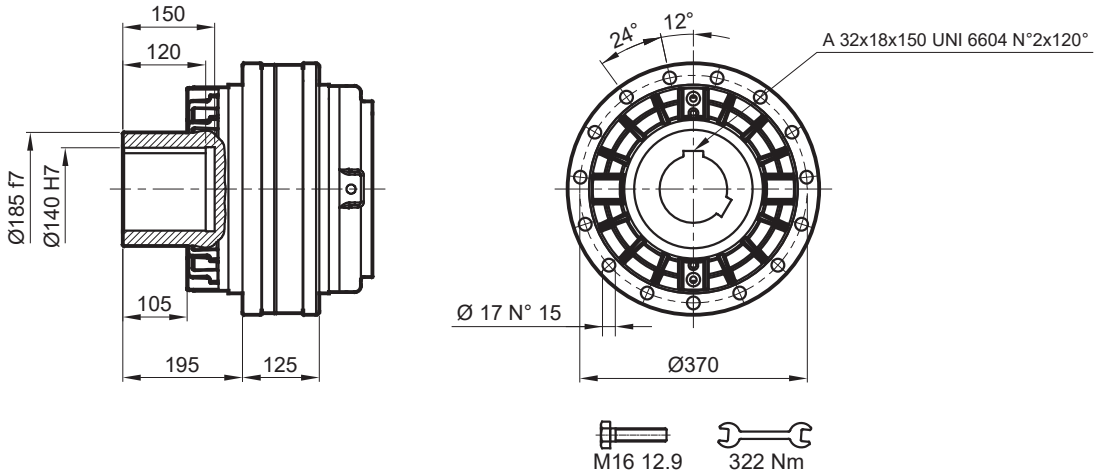


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	209	171	-
S2	332	225,2	205	569	302,5	197	288
S3	366,5	118,5	140	390	363	210	247
S4	439	75	92,5	253,5	411,5	216	227

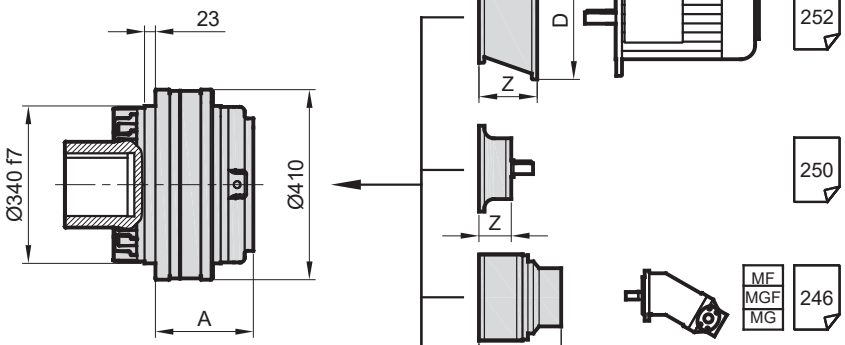
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 117

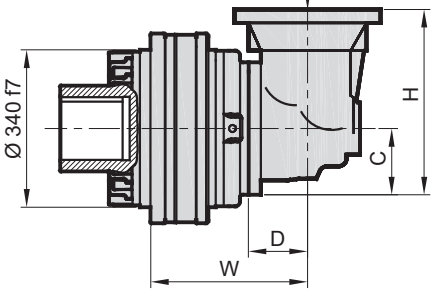
DKM

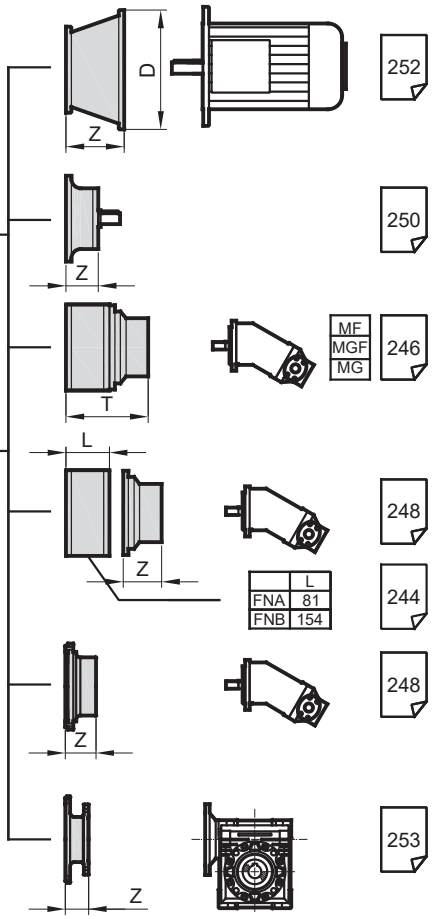


PD..



PDA..

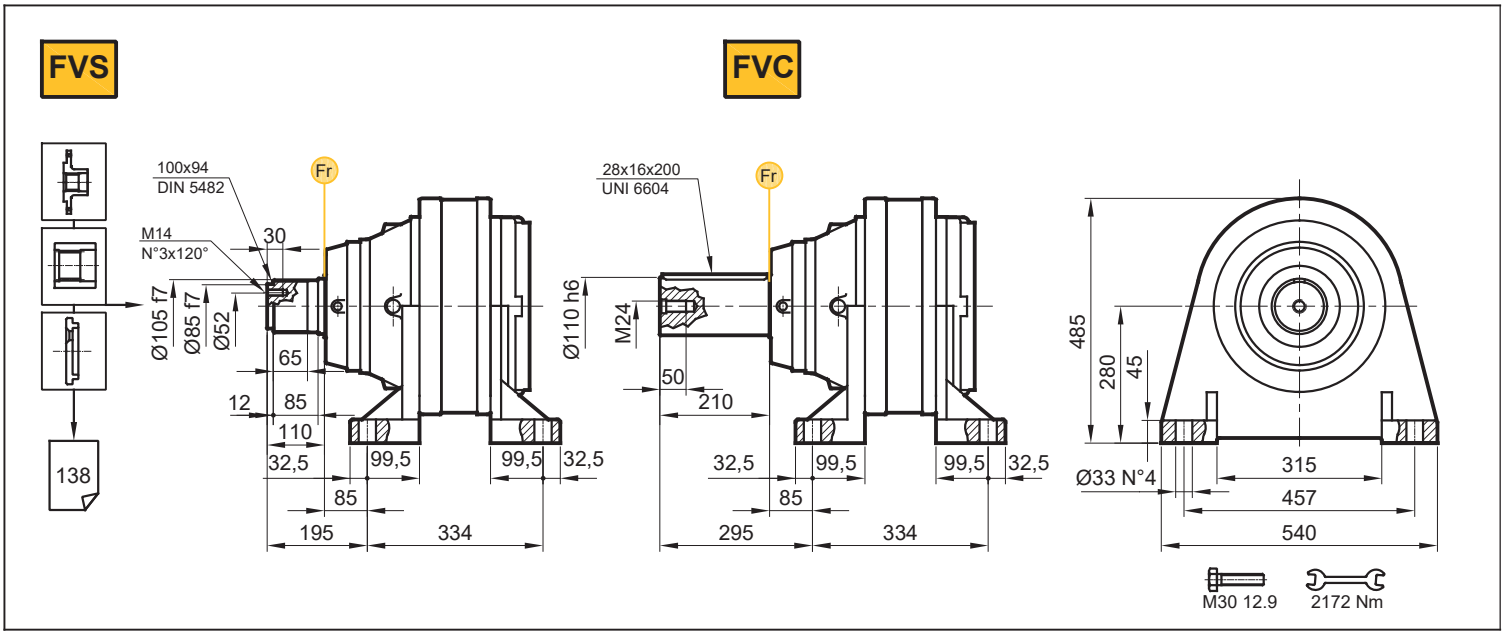


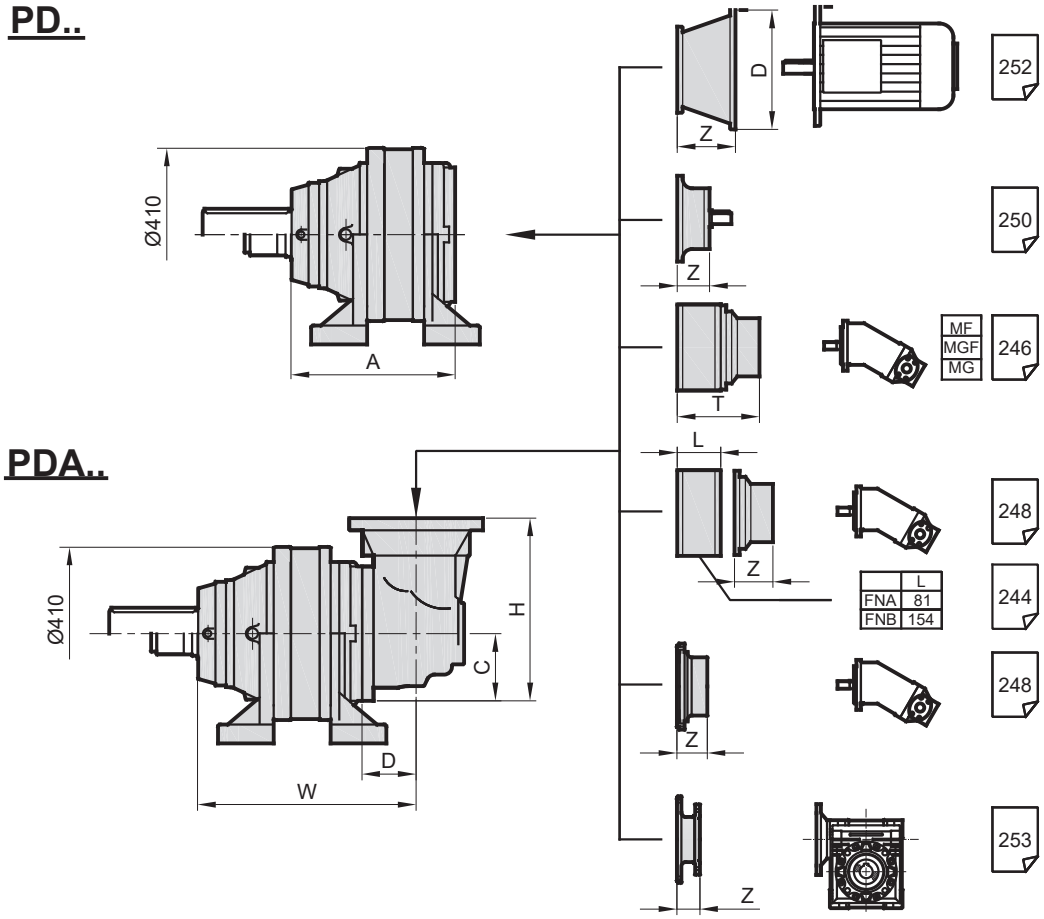


Stage	W	D	C	H	A	PD DKM	PDA DKM
S1	-	-	-	-	209	175	-
S2	332	225,2	205	569	302,5	201	443
S3	366,5	118,5	140	390	363	214	252
S4	439	75	92,5	253,5	411,5	221	232

	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
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	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	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 117



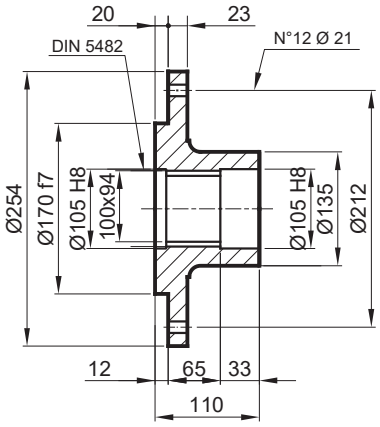


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	403,5	260	-
S2	526	225,2	205	569	497	286	376
S3	561	118,5	140	390	557,5	298	336
S4	633	75	92,5	253,5	606	305	316

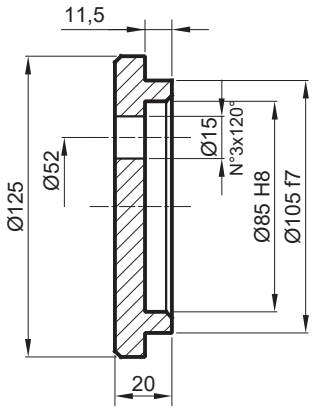
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 117

FL Flanş / *Flange* / Flansch



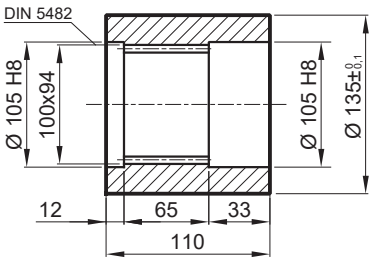
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



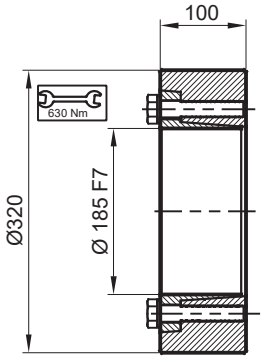
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /Material /Material

DIN 1.7225
42CrMo4

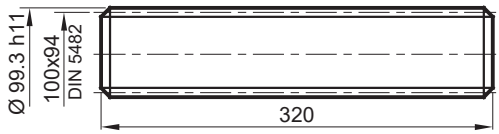


SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



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

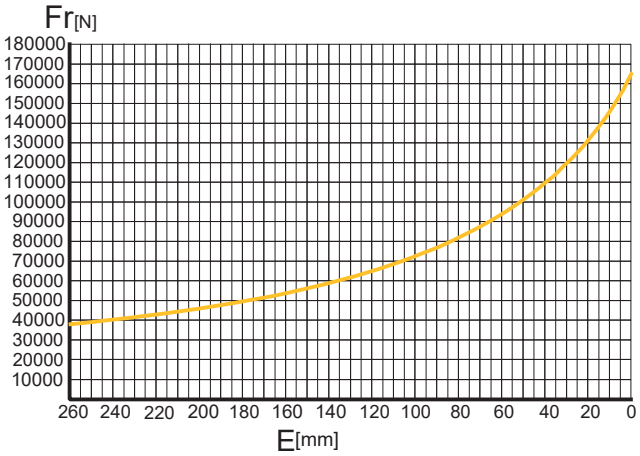
PD/PDA 117

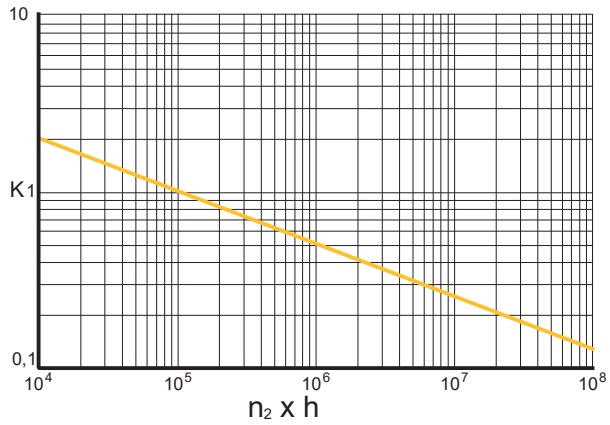
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

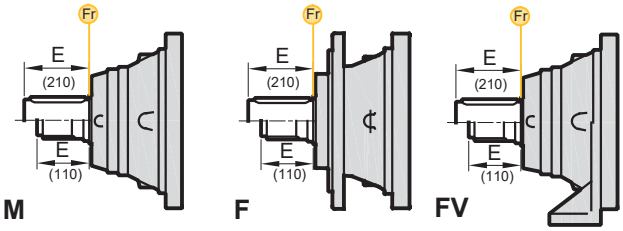
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-F-FV





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



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-F	FV	
	75000	75000	←
	95000	95000	→