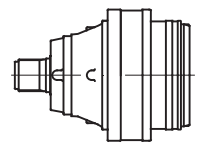
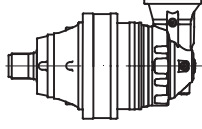


PD 121



	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n _{2xh}						
		10 000	20 000	50 000	100 000			
PD 121 S1	4.00	42370	37500	31910	28250	1500	61875	54
	4.71	36110	31960	27200	24070	1500	52764	54
	5.85	26710	23640	20120	17800	1500	47280	54
PD 121 S2	14.2	42370	37500	31910	28250	2000	61875	34
	17.1	42370	37500	31910	28250	2000	61875	34
	20.2	36110	31960	27200	24070	2000	52764	34
	22.4	42370	37500	31910	28250	2000	61875	34
	26.4	36110	31960	27200	24070	2000	52764	34
	31.8	36110	31960	27200	24070	2000	52764	34
	53.7	42370	37500	31910	28250	2800	61875	23
PD 121 S3	58.7	42370	37500	31910	28250	2800	61875	23
	64.8	42370	37500	31910	28250	2800	61875	23
	70.7	42370	37500	31910	28250	2800	61875	23
	83.2	36110	31960	27200	24070	2800	52764	23
	88.6	42370	37500	31910	28250	2800	61875	23
	99.6	36110	31960	27200	24070	2800	52764	23
	108.7	36110	31960	27200	24070	2800	52764	23
	121.3	36110	31960	27200	24070	2800	52764	23
	136.2	36110	31960	27200	24070	2800	52764	23
	158.1	36110	31960	27200	24070	2800	52764	23
	164.1	36110	31960	27200	24070	2800	52764	23
PD 121 S4	191.1	36110	31960	27200	24070	2800	52764	23
	208.6	42370	37500	31910	28250	2800	61875	17
	230.2	42370	37500	31910	28250	2800	61875	17
	251.4	42370	37500	31910	28250	2800	61875	17
	277.5	42370	37500	31910	28250	2800	61875	17
	303.0	42370	37500	31910	28250	2800	61875	17
	328.5	42370	37500	31910	28250	2800	61875	17
	362.7	42370	37500	31910	28250	2800	61875	17
	379.5	42370	37500	31910	28250	2800	61875	17
	437.1	42370	37500	31910	28250	2800	61875	17
	496.0	42370	37500	31910	28250	2800	61875	17
	583.5	36110	31960	27200	24070	2800	52764	17
	677.7	36110	31960	27200	24070	2800	52764	17
	703.2	36110	31960	27200	24070	2800	52764	17
	762.5	36110	31960	27200	24070	2800	52764	17
	816.7	36110	31960	27200	24070	2800	52764	17
	986.8	36110	31960	27200	24070	2800	52764	17
1067.3	36110	31960	27200	24070	2800	52764	17	
1289.7	36110	31960	27200	24070	2800	52764	17	
1554.5	36110	31960	27200	24070	2800	52764	17	

PDA 121

	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			
PDA 121 S2	14.2	42370	37500	31910	28250	2000	61875	34
	16.7	36110	31960	27200	24070	2000	52734	34
	18.5	42370	37500	31910	28250	2000	64875	34
	21.8	36110	31960	27200	24070	2000	52734	34
PDA 121 S3	39.5	42370	37500	31910	28250	2800	61875	23
	47.7	42370	37500	31910	28250	2800	61875	23
	56.1	36110	31960	27200	24070	2800	52734	23
	60.9	42370	37500	31910	28250	2800	61875	23
	73.4	42370	37500	31910	28250	2800	61875	23
	86.4	36110	31960	27200	24070	2800	52734	23
	96.0	42370	37500	31910	28250	2800	61875	23
	112.9	36110	31960	27200	24070	2800	52734	23
	123.6	42370	37500	31910	28250	2800	61875	17
PDA 121 S4	148.9	42370	37500	31910	28250	2800	61875	17
	162.6	42370	37500	31910	28250	2800	61875	17
	175.2	36110	31960	27200	24070	2800	52724	17
	184.8	42370	37500	31910	28250	2800	61875	17
	194.6	42370	37500	31910	28250	2800	61875	17
	203.7	42370	37500	31910	28250	2800	61875	17
	222.7	42370	37500	31910	28250	2800	61875	17
	243.2	42370	37500	31910	28250	2800	61875	17
	266.2	42370	37500	31910	28250	2800	61875	17
	276.0	36110	31960	27200	24070	2800	52724	17
	291.1	42370	37500	31910	28250	2800	61875	17
	309.1	42370	37500	31910	28250	2800	61875	17
	317.9	42370	37500	31910	28250	2800	61875	17
	342.5	36110	31960	27200	24070	2800	52724	17
	373.5	42370	37500	31910	28250	2800	61875	17
	398.1	42370	37500	31910	28250	2800	61875	17
	412.8	36110	31960	27200	24070	2800	52724	17
	462.3	42370	37500	31910	28250	2800	61875	17
	558.7	42370	37500	31910	28250	2800	61875	17
	657.2	36110	31960	27200	24070	2800	52724	17
792.2	36110	31960	27200	24070	2800	52724	17	

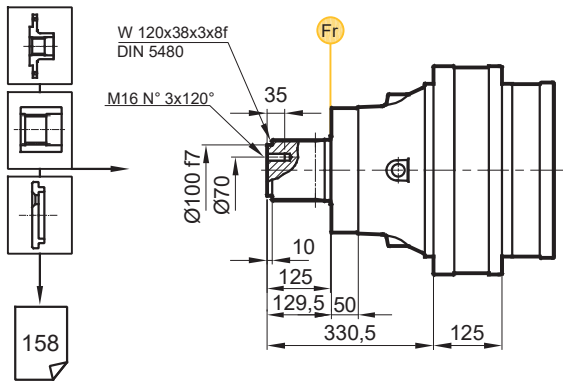


(n₂ x h = 20000)

$$T_{2max} = T_2 \times 1,65$$

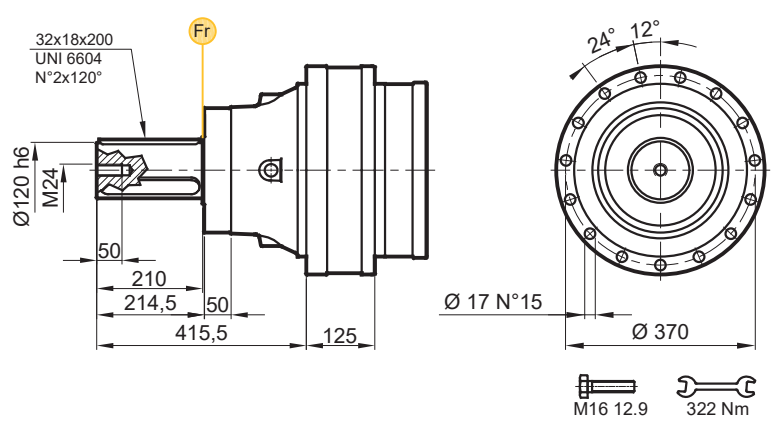
PD/PDA 121

MS

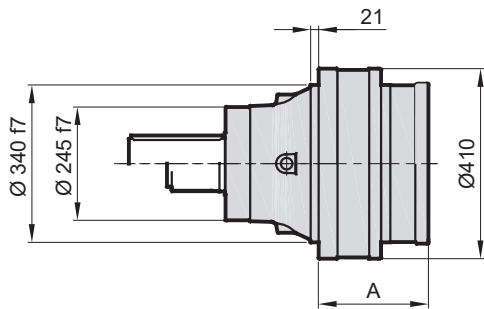


158

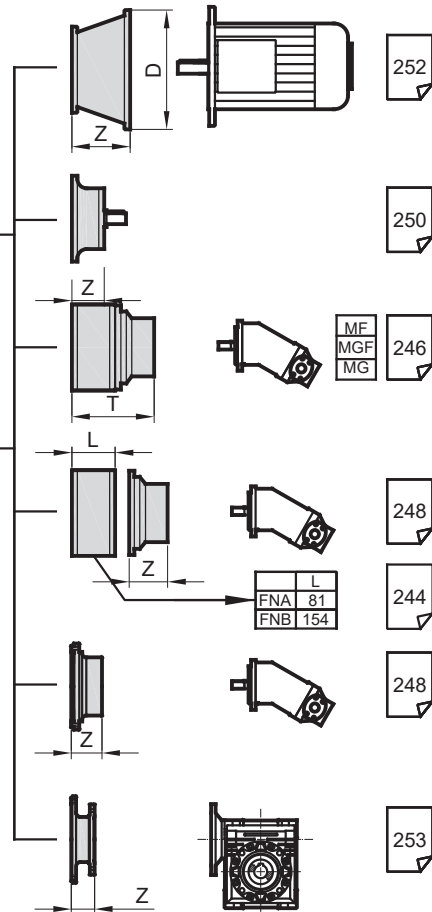
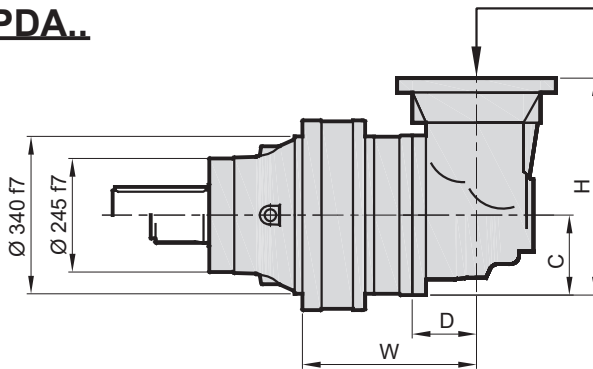
MC



PD..



PDA..

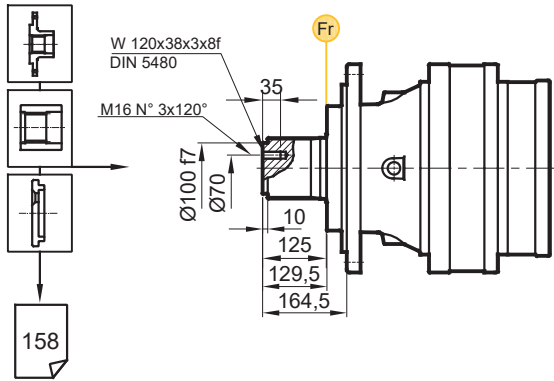


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	233	206	-
S2	340	225,2	205	569	340,5	252	323
S3	411	121	172,5	457	413	268	315
S4	476	103	122	319	474,5	276	297

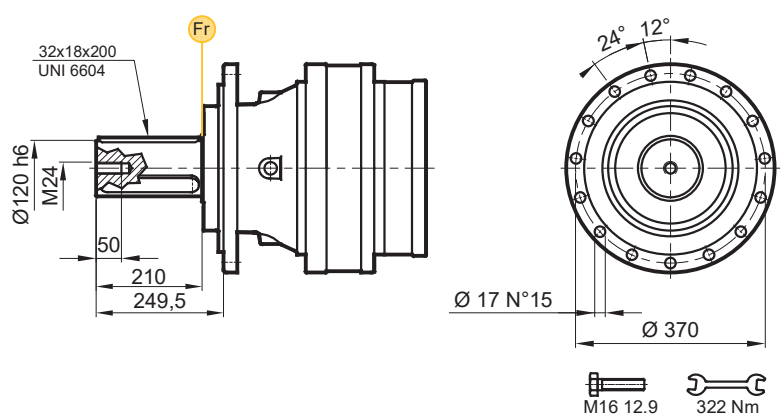
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247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

PD/PDA 121

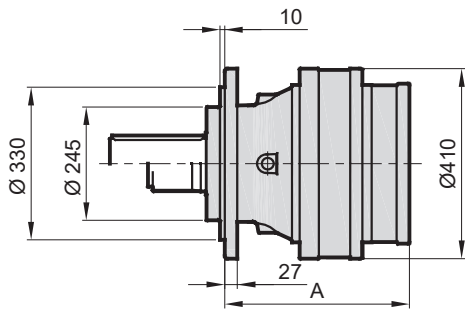
FS



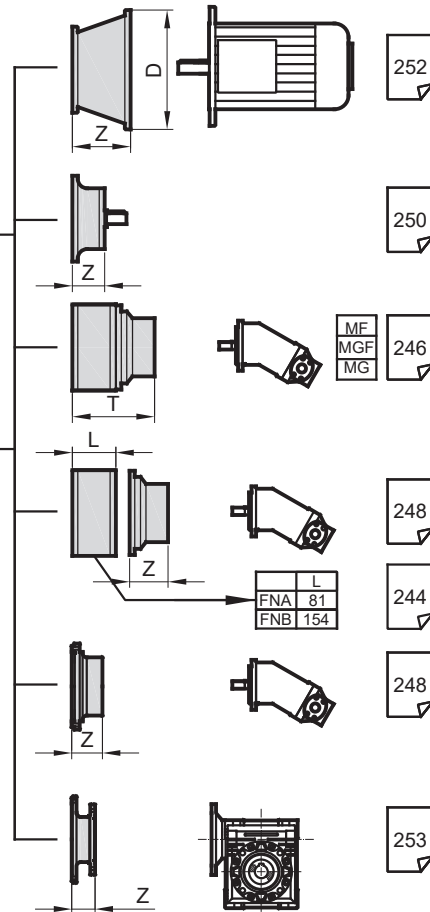
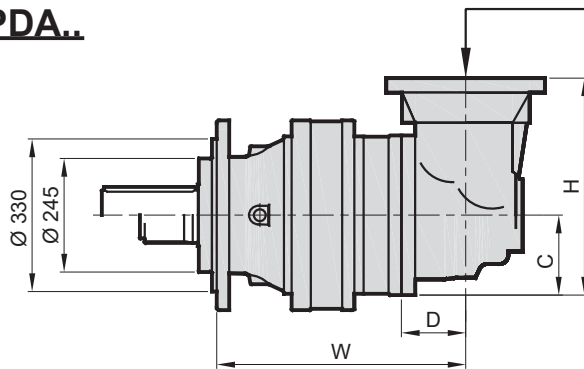
FC



PD..



PDA..

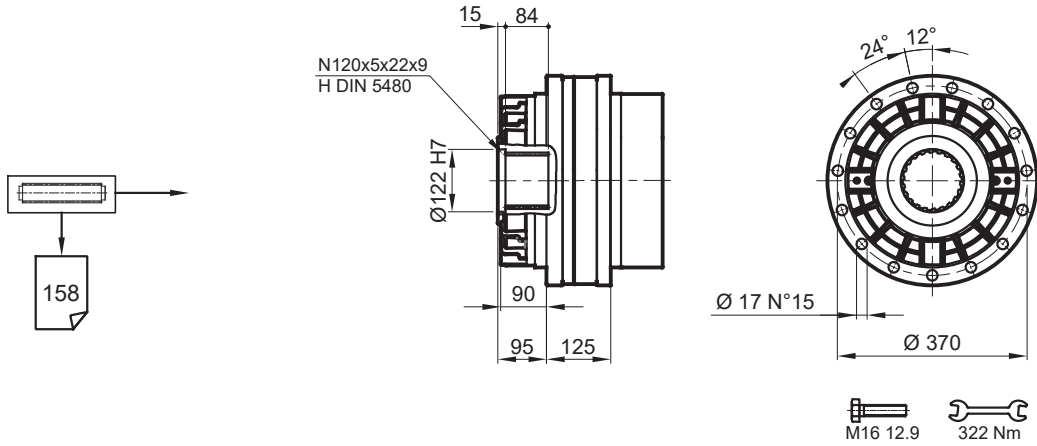


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	398,5	229	-
S2	506	225,2	205	569	506	274	345
S3	576,5	121	172,5	457	578,5	291	338
S4	642	103	122	319	640	299	320

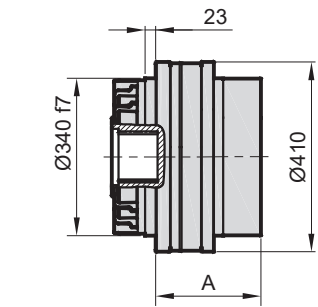
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247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

PD/PDA 121

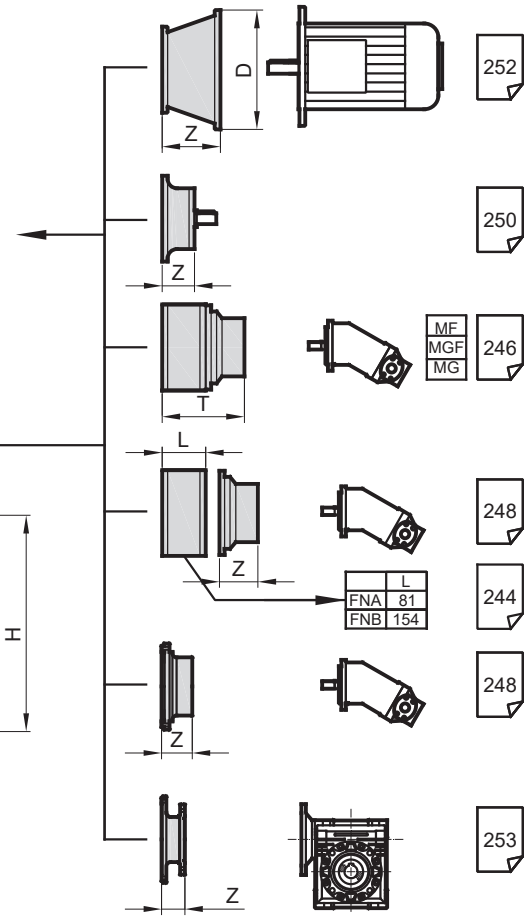
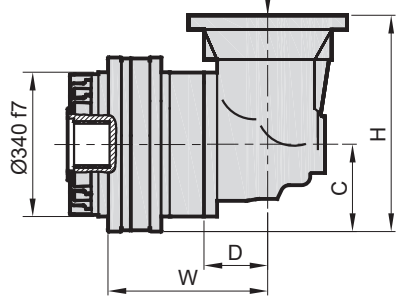
S



PD..



PDA..

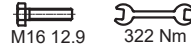
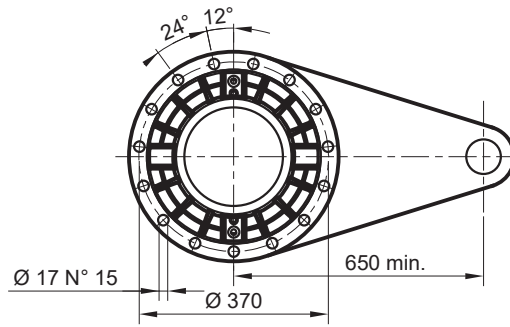
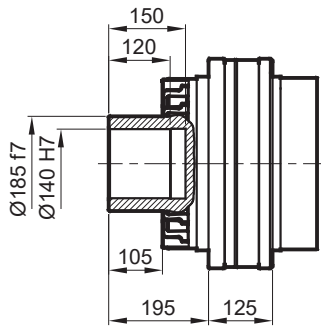
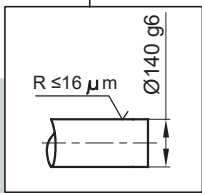
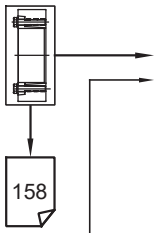


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	223	157	-
S2	330	225,2	205	569	330,5	202	273
S3	401	121	172,5	457	403	218	265
S4	466	103	122	319	464,5	227	247

	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	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
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 121

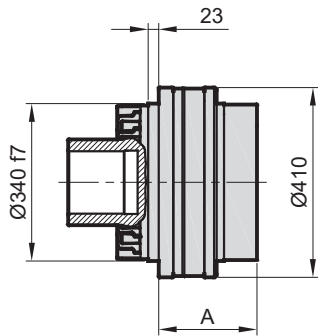
SD



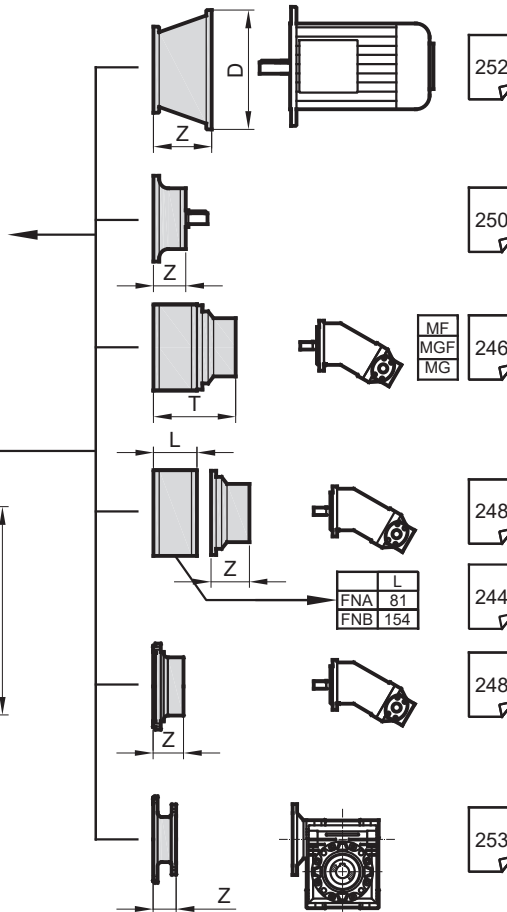
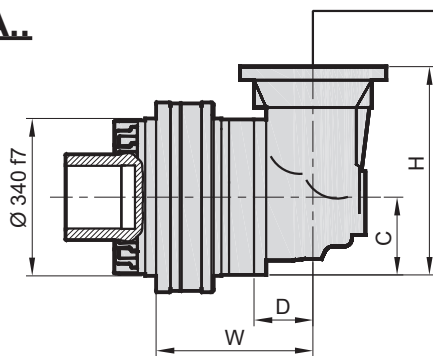
$M_{max} = 81 \text{ kNm}$

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..

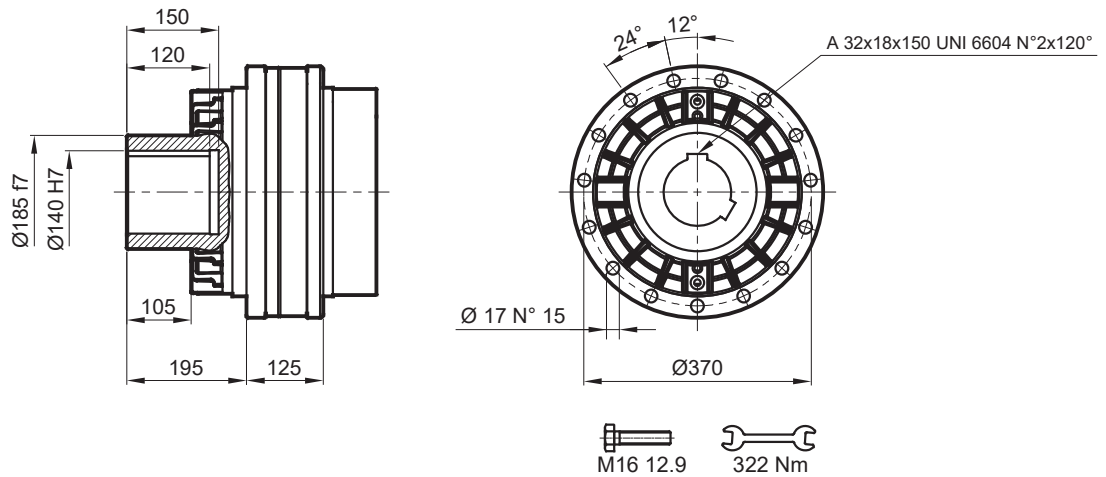


Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	223	170	-
S2	330	225,2	205	569	330,5	216	286
S3	401	121	172,5	457	403	232	278
S4	466	103	122	319	464,5	240	261

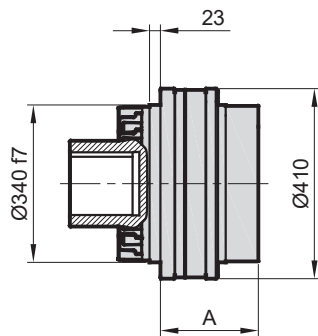
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247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

PD/PDA 121

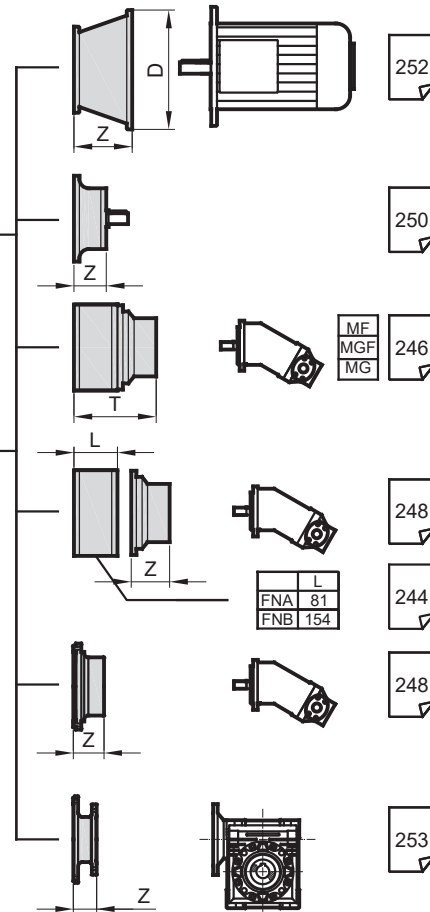
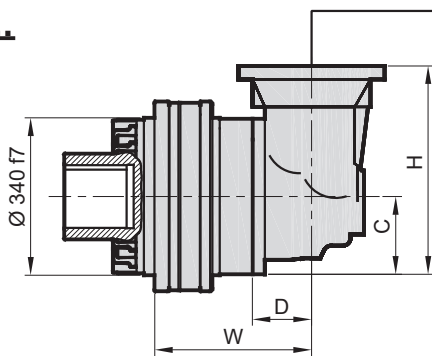
DKM



PD..



PDA..



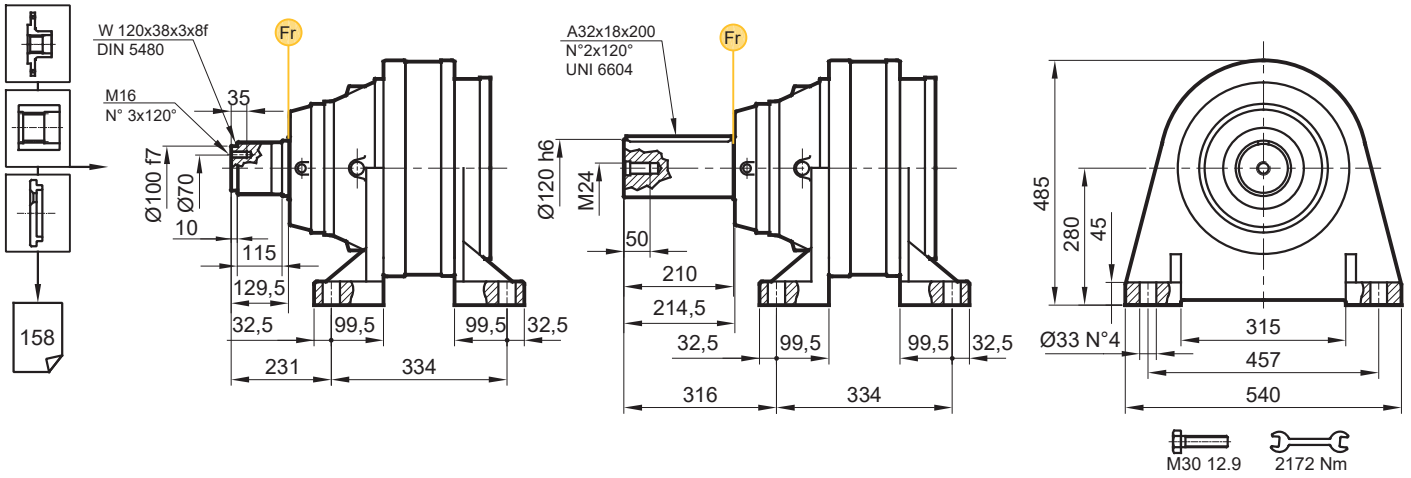
Stage	W	D	C	H	A	PD DKM	PDA DKM
S1	-	-	-	-	223	186	-
S2	330	225,2	205	569	330,5	231	302
S3	401	121	172,5	457	403	247	294
S4	466	103	122	319	464,5	256	276

	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	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
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 121

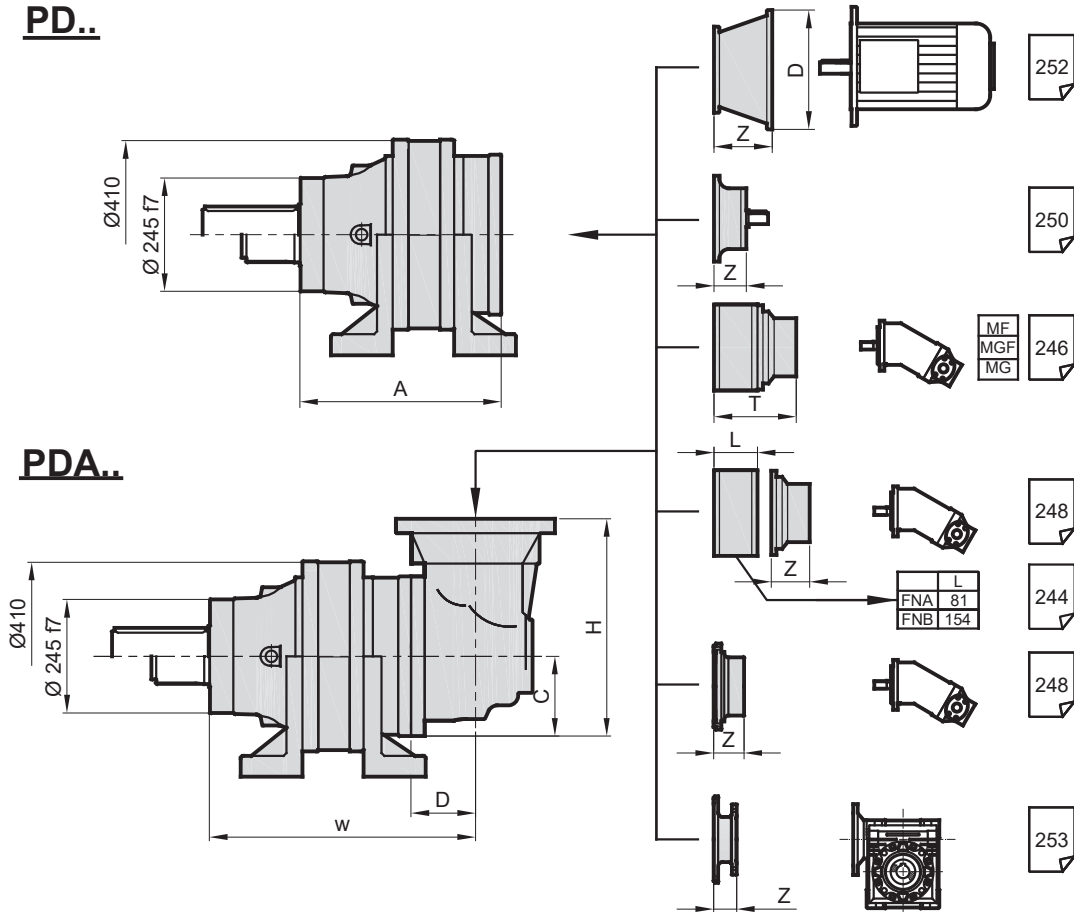
FVS

FVC



PD..

PDA..

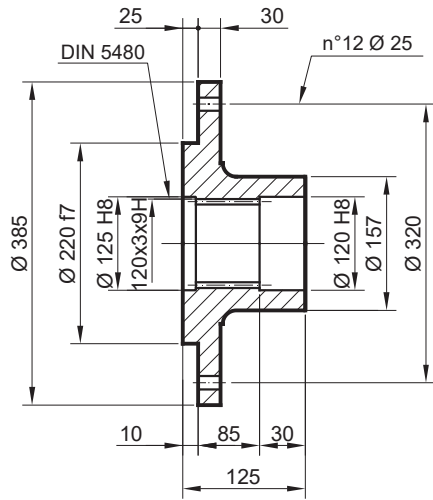


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	438	266	-
S2	545	225,2	205	569	545,5	312	382
S3	616	121	172,5	457	618	328	374
S4	681	103	122	319	679,5	336	357

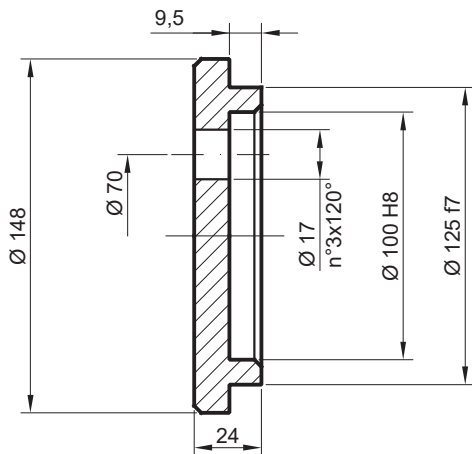
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	-	-
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5	247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

PD/PDA 121

FL Flanş / Flange / Flansch



SP Sabitleme Pulu / Stop bottom plate / Endscheibe

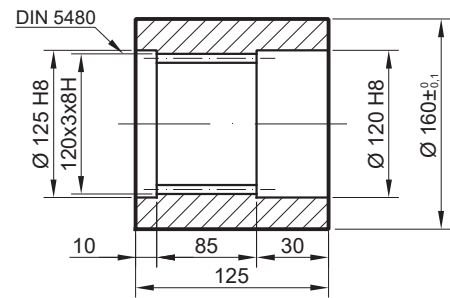


FK Frezeli Kaplin / Spined bushing
Innenverzahnhte Buchse

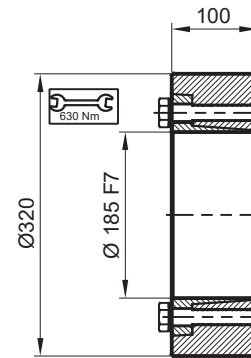


Malzeme /Material Material

DIN 1.7225
42CrMo4

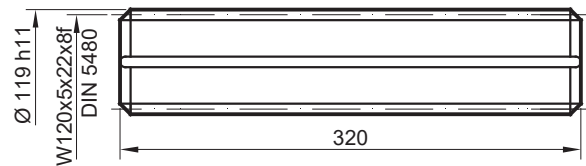


SB Sıkma Bileziği / Shrink disc
Shrumpfscheibe



Maksimum tork
Max. torque
Max. Drehmoment
81 kNm

FM Frezeli Mil / Splined rod
Außenverzahnhte Welle



Malzeme / Material
Material

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

PD/PDA 121

RADYAL YÜK(Fr)

Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen $n_2 \times h$ değerlerinde verir.

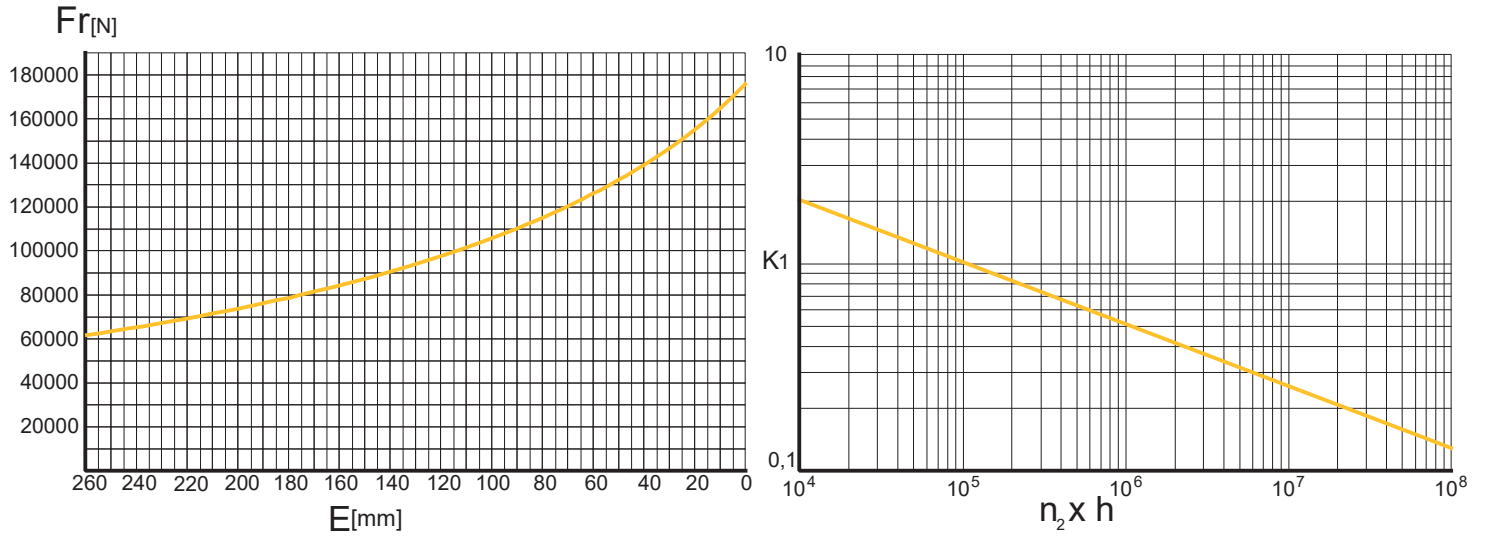
RADIAL LOADS(Fr)

The following curves show the radial loads and the K factors to obtain the required $n_2 \times h$ value.

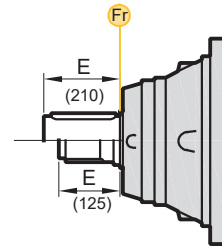
RADIALLAST (Fr)

In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert $n_2 \times h$ verglichen werden.

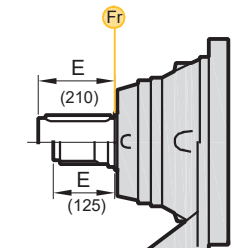
M-FV



	n ₂ h				
	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.

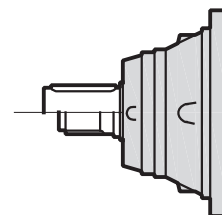
AXIAL LOADS (Fa)

The values of the axial loads in the table refer to the output versions and load directions of application.

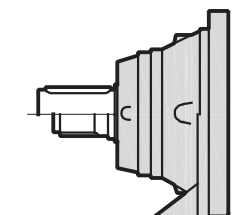
AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	FV	
		80000	80000
	100000	100000	→



M



FV