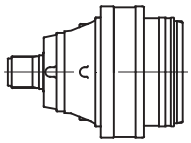
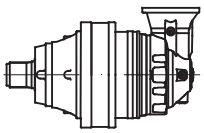
PD 123



	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			
PD 123 S1	4.00	68690	60800	51740	45800	1200	121600	60
	5.10	50280	44500	37870	33520	1200	89000	60
	6.00	40110	35500	30210	26740	1200	71000	60
PD 123 S2	14.0	68690	60800	51740	45800	2000	121600	38
	16.9	68690	60800	51740	45800	2000	121600	38
	21.7	50280	44500	37870	33520	2000	89000	38
	28.4	50280	44500	37870	33520	2000	121600	38
	33.6	40110	35500	30210	26740	2000	71000	38
	40.5	40110	35500	30210	26740	2000	71000	38
PD 123 S3	53.1	68690	60800	51740	45800	2800	121600	25
	63.9	68690	60800	51740	45800	2800	121600	25
	74.2	50280	44500	37870	33520	2800	89000	25
	87.5	68690	60800	51740	45800	2800	121600	25
	93.0	50280	44500	37870	33520	2800	89000	25
	107.1	50280	44500	37870	33520	2800	89000	25
	116.9	50280	44500	37870	33520	2800	89000	25
	130.2	50280	44500	37870	33520	2800	89000	25
	138.6	40110	35500	30210	26740	2800	71000	25
	157.3	50280	44500	37870	33520	2800	89000	25
	170.1	50280	44500	37870	33520	2800	89000	25
	205.5	50280	44500	37870	33520	2800	89000	25
	247.8	50280	44500	37870	33520	2800	89000	25
	293.6	40110	35500	30210	26740	2800	71000	25
PD 123 S4	324.4	68690	60800	51740	45800	2800	121600	20
	358.1	68690	60800	51740	45800	2800	121600	20
	391.0	68690	60800	51740	45800	2800	121600	20
	431.6	68690	60800	51740	45800	2800	121600	20
	471.3	68690	60800	51740	45800	2800	121600	20
	520.8	50280	44500	37870	33520	2800	89000	20
	557.7	50280	44500	37870	33520	2800	89000	20
	590.3	68690	60800	51740	45800	2800	121600	20
	604.8	50280	44500	37870	33520	2800	89000	20
	673.9	50280	44500	37870	33520	2800	89000	20
	730.8	50280	44500	37870	33520	2800	89000	20
	789.4	50280	44500	37870	33520	2800	89000	20
	878.6	50280	44500	37870	33520	2800	89000	20
	952.5	50280	44500	37870	33520	2800	89000	20
	1061.7	50280	44500	37870	33520	2800	89000	20
	1151.0	50280	44500	37870	33520	2800	89000	20
	1258.2	40110	35500	30210	26740	2800	71000	20
	1387.4	50280	44500	37870	33520	2800	89000	20
	1672.3	50280	44500	37870	33520	2800	89000	20
	1982.0	40110	35500	30210	26740	2800	71000	20

PDA 123

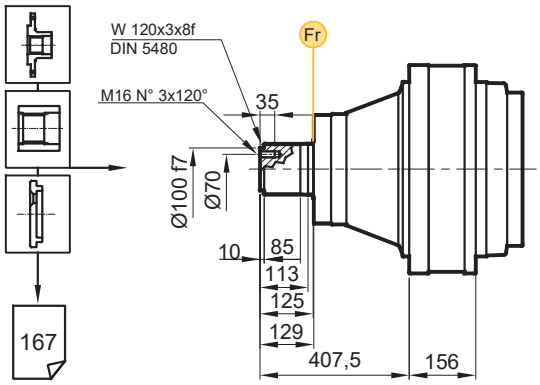


	i	T_2 [Nm] $n_2$xh				n_{1max} [min]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 123 S2	16.0	68690	60800	51740	45800	2000	121600	38
	20.6	50280	44500	37870	33520	2000	89000	38
	24.4	40110	35500	30210	26740	2000	71000	38
PDA 123 S3	39.0	68690	60800	51740	45800	2800	121600	25
	47.1	68690	60800	51740	45800	2800	121600	25
	50.0	50280	44500	37870	33520	2800	89000	25
	60.2	68690	60800	51740	45800	2800	121600	25
	72.5	68690	60800	51740	45800	2800	121600	25
	93.0	50280	44500	37870	33520	2800	89000	25
	121.5	50280	44500	37870	33520	2800	89000	25
	144.0	40110	35500	30210	26740	2800	71000	25
	173.5	40110	35500	30210	26740	2800	71000	25
PDA 123 S4	182.5	68690	60800	51740	45800	2800	121600	20
	201.1	68690	60800	51740	45800	2800	121600	20
	240.2	68690	60800	51740	45800	2800	121600	20
	281.9	50280	44500	37870	33520	2800	89000	20
	300.8	68690	60800	51740	45800	2800	121600	20
	368.4	50280	44500	37870	33520	2800	89000	20
	402.3	50280	44500	37870	33520	2800	89000	20
	444.1	50280	44500	37870	33520	2800	89000	20
	503.9	50280	44500	37870	33520	2800	89000	20
	585.1	50280	44500	37870	33520	2800	89000	20
	607.4	50280	44500	37870	33520	2800	89000	20
	693.5	40110	35500	30210	26740	2800	71000	20
	707.1	50280	44500	37870	33520	2800	89000	20
	852.3	50280	44500	37870	33520	2800	89000	20
	924.2	40110	35500	30210	26740	2800	71000	20
	1073.3	40110	35500	30210	26740	2800	71000	20
	1296.9	40110	35500	30210	26740	2800	71000	20

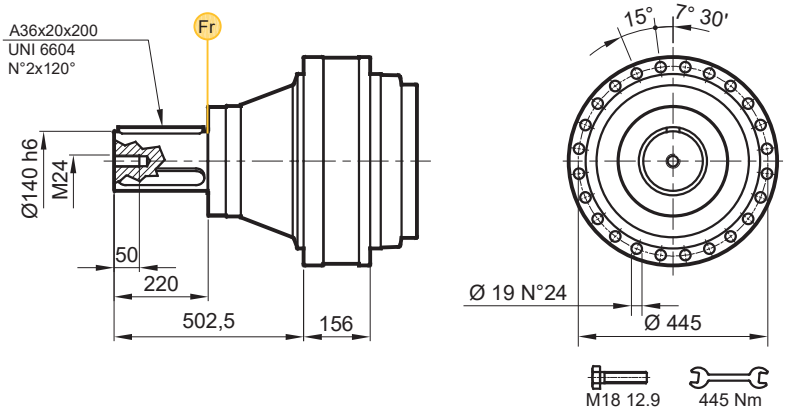
⚠ $\frac{(n_2 \times h = 20000)}{T_{2max}=T_2 \times 2}$

PD/PDA 123

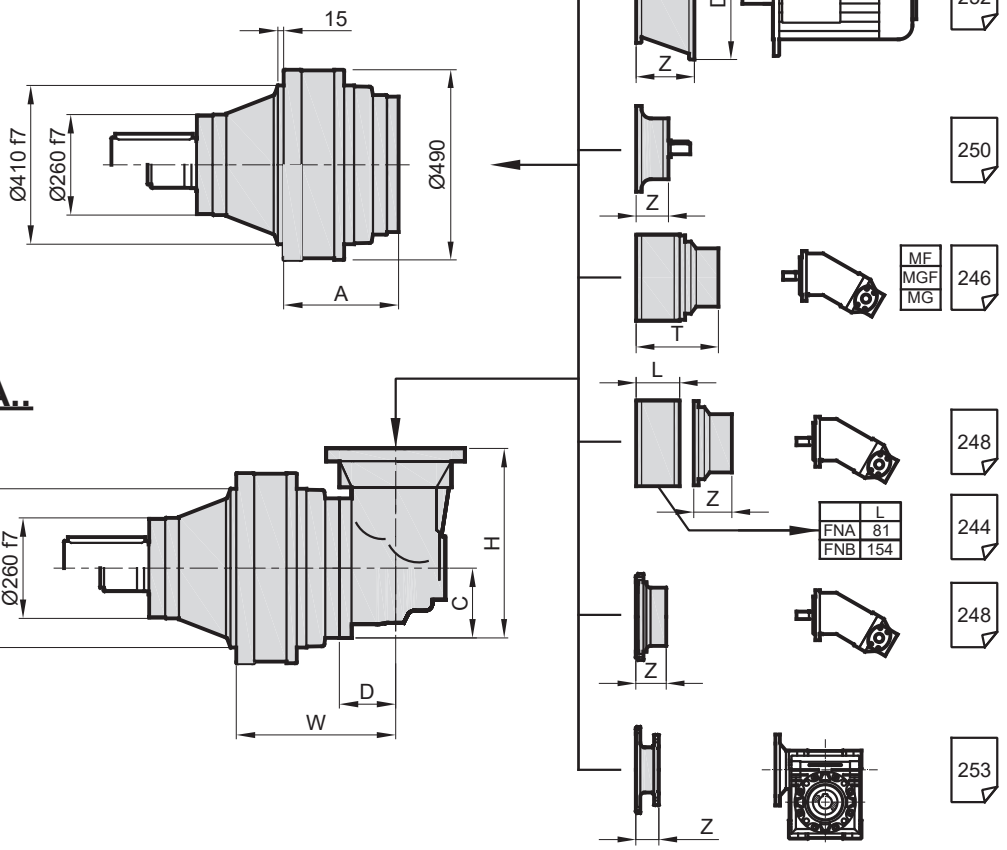
MS



MC



PD..



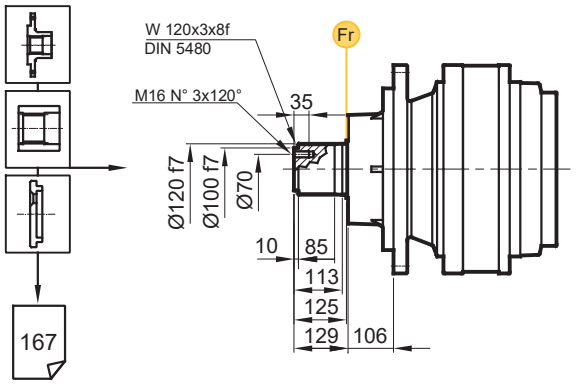
PDA..

Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	268	352	-
S2	415,5	279,5	245	536,5	375	402	508
S3	417,5	121	172,5	457	447	418	464
S4	425,5	103	122	319	508	426	447

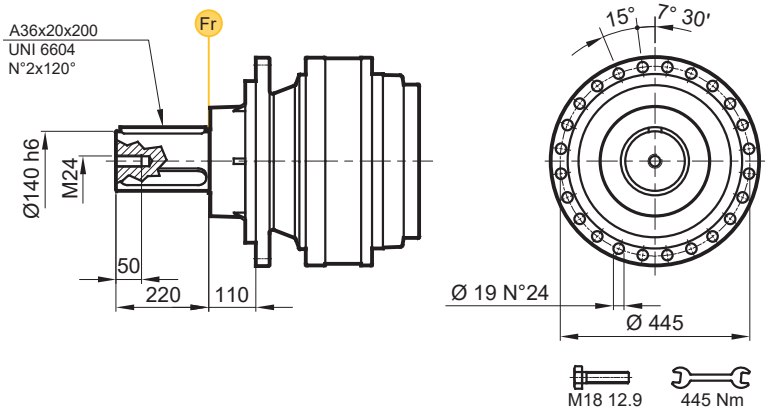
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5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

PD/PDA 123

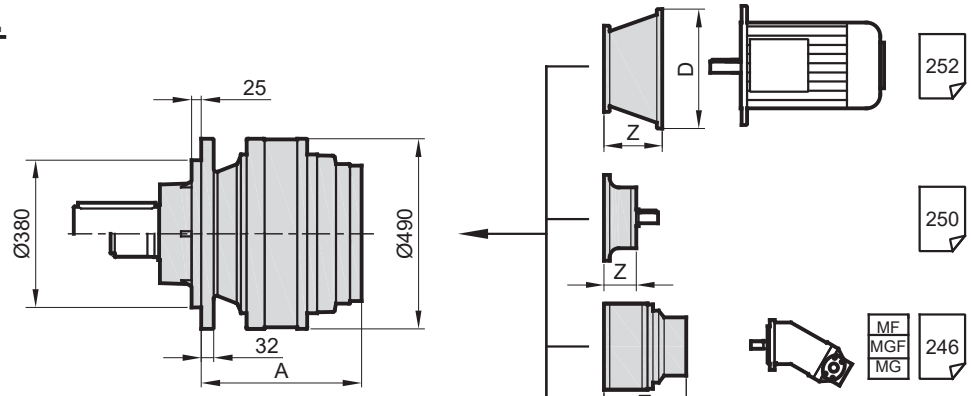
FS



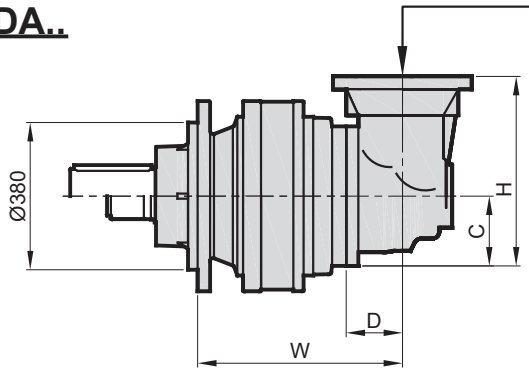
FC



PD..



PDA..

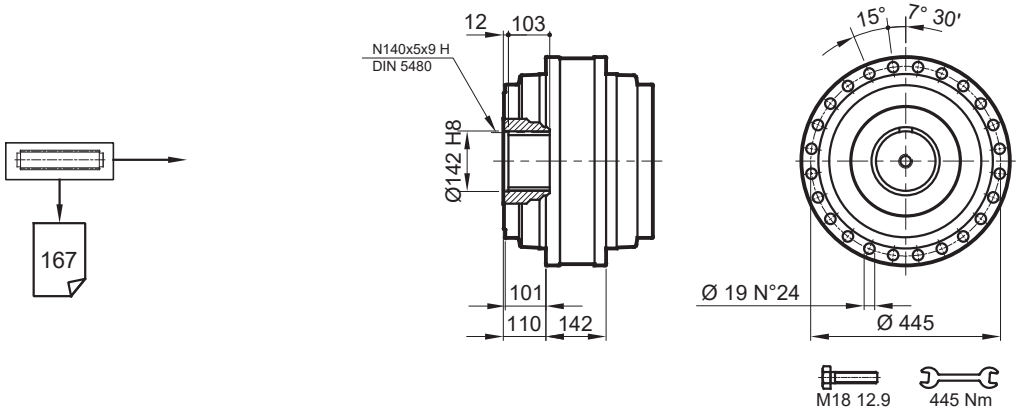


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	440,5	397	-
S2	588	279,5	245	536,5	547,5	448	554
S3	590	121	172,5	457	619,5	464	509
S4	598	103	122	319	680,5	472	493

	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	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	-	-	-	-	-	-	-	-

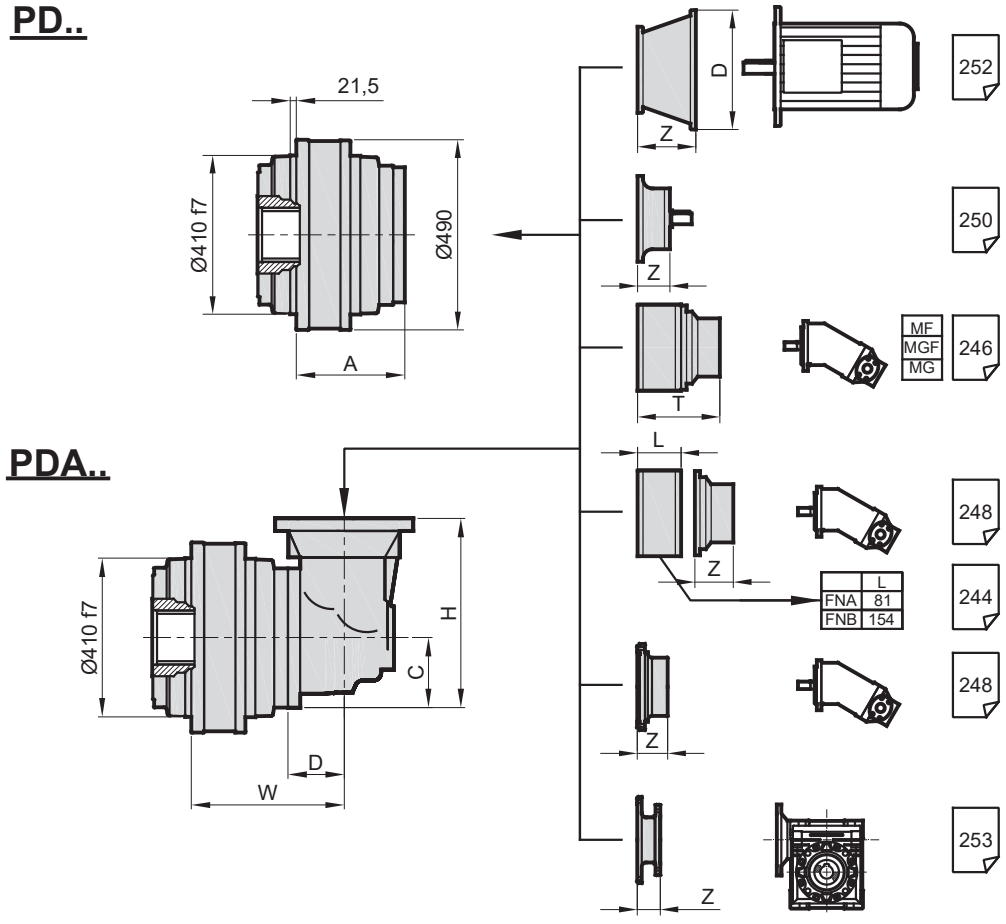
PD/PDA 123

S



PD..

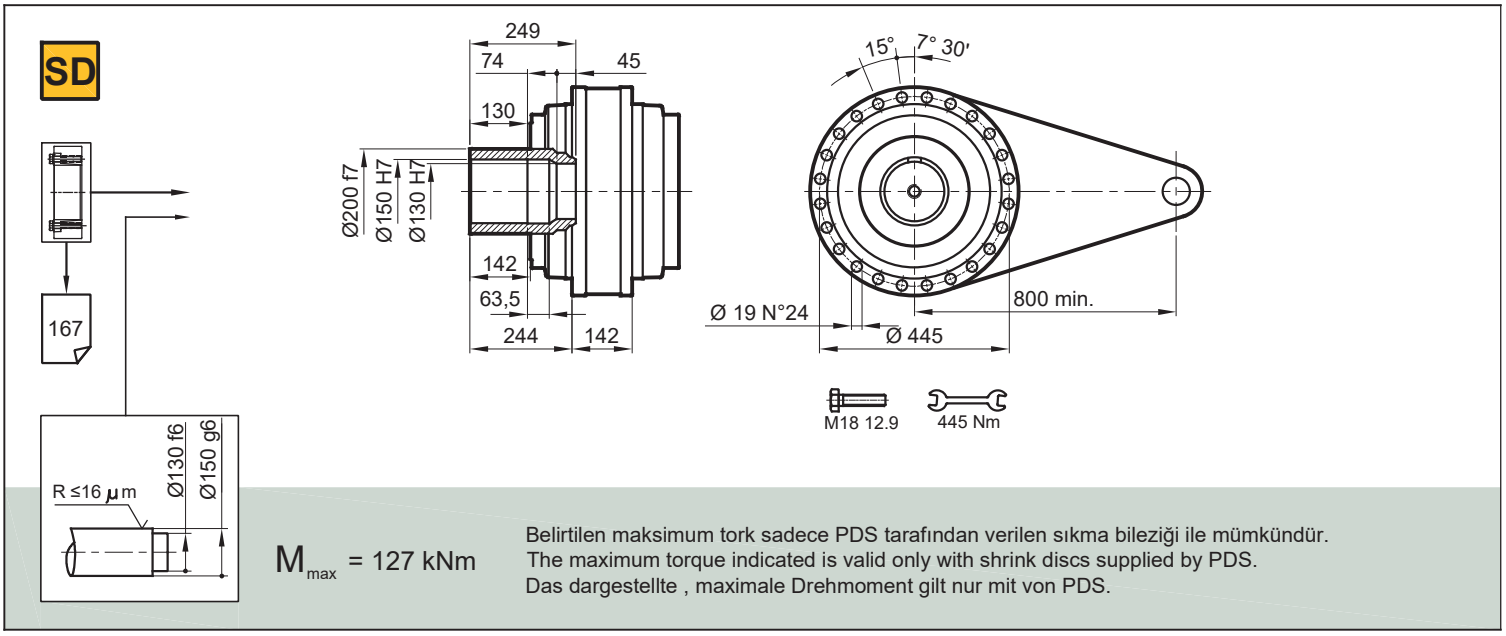
PDA..



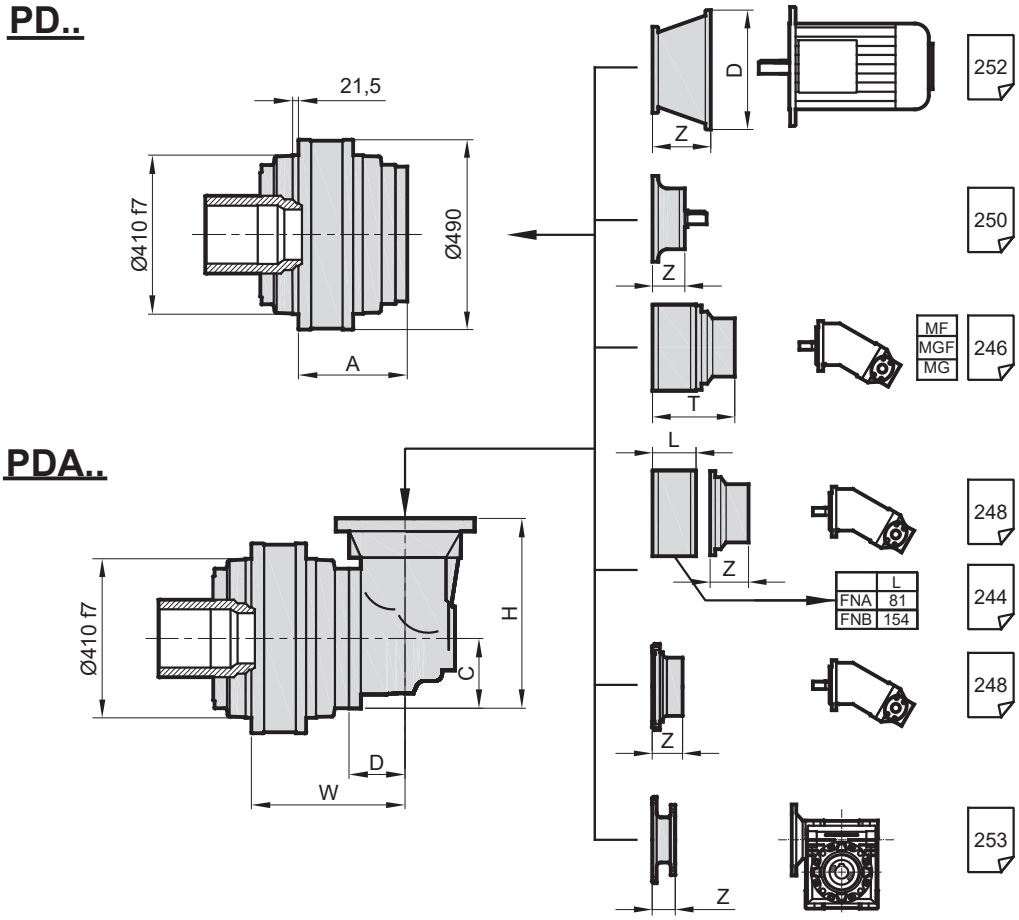
Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	254	257	-
S2	401,5	279,5	245	536,5	361	307	414
S3	403,5	121	172,5	457	433	323	369
S4	411,5	103	122	319	494	332	352

	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	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	-	-	-	-	-	-	-	-

PD/PDA 123



PD..



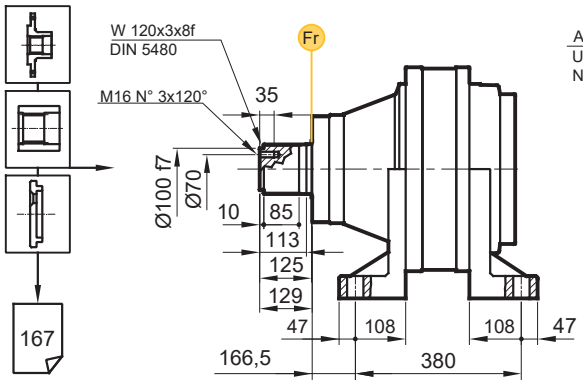
PDA..

Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	254	272	-
S2	401,5	279,5	245	536,5	361	322	429
S3	403,5	121	172,5	457	433	338	384
S4	411,5	103	122	319	494	346	367

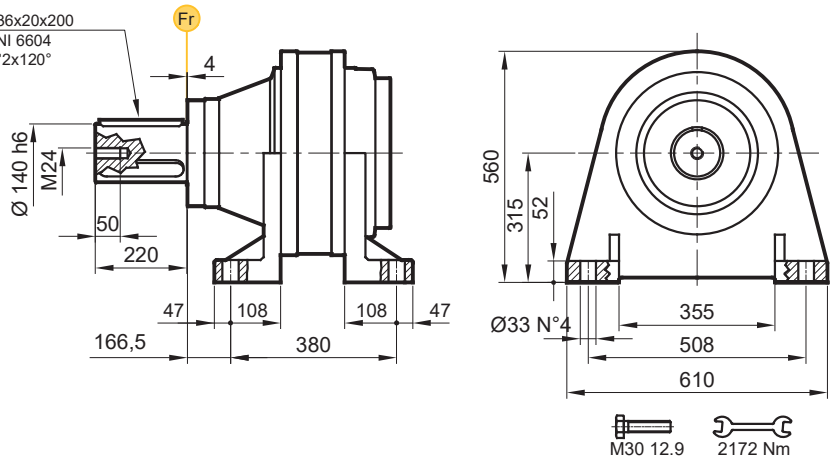
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5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

PD/PDA 123

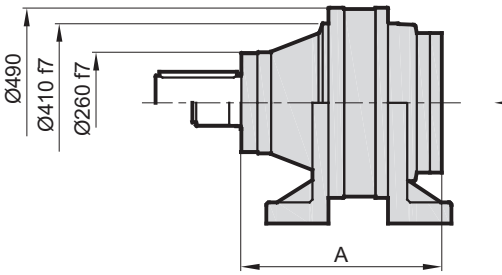
FVS



FVC



PD..



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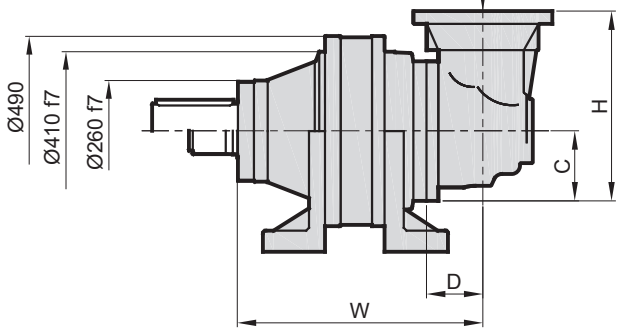
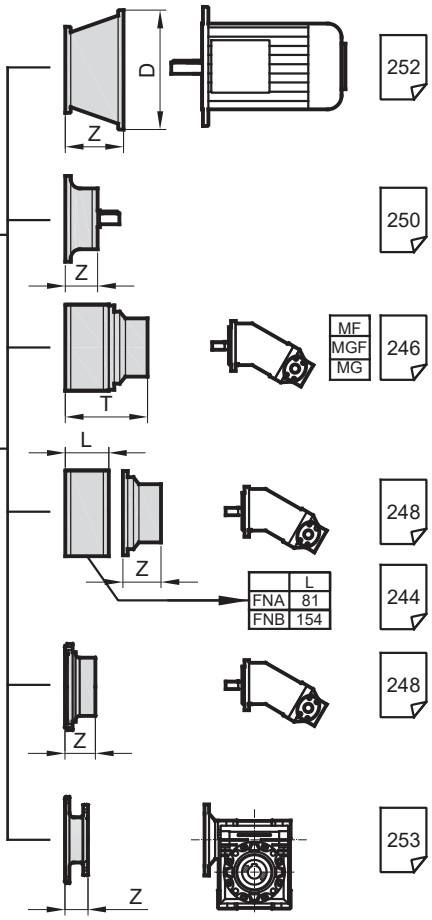


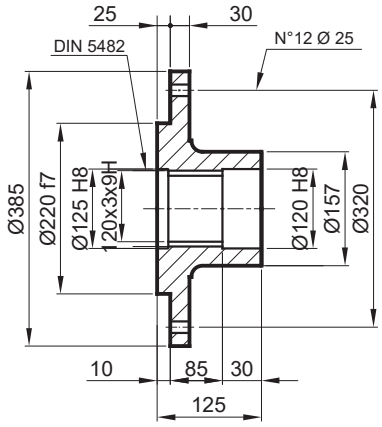


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	551	438	-
S2	698	279,5	245	536,5	658	488	595
S3	701	121	172,5	457	730	504	550
S4	709	103	122	319	791	513	533

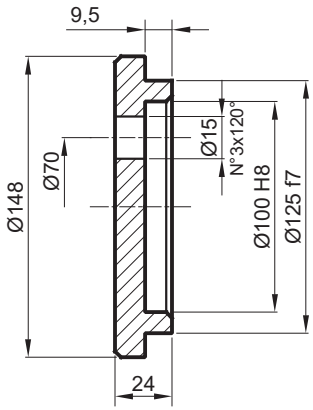
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S4	185	35,5	201	61,5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

PD/PDA 123

FL Flanş / *Flange* / Flansch



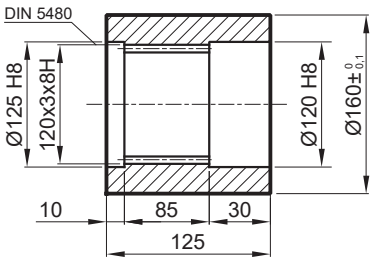
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



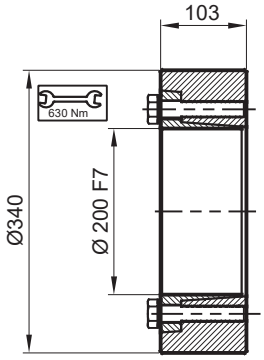
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /Material Material

DIN 1.7225
42CrMo4

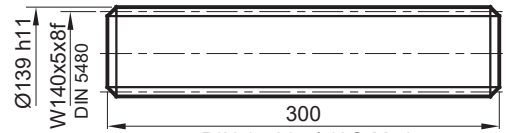


SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
127 kNm

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

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

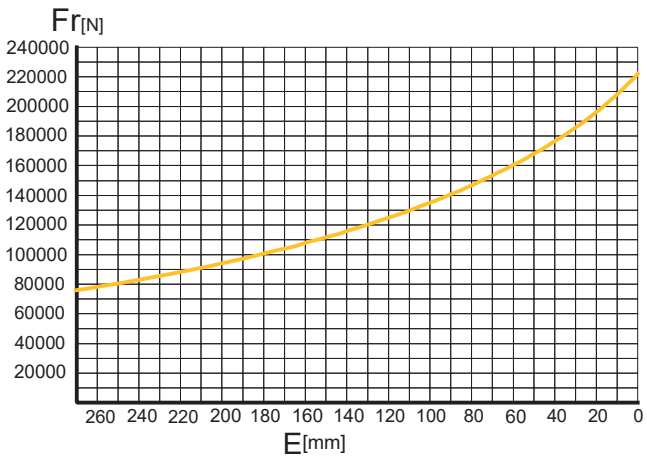
PD/PDA 123

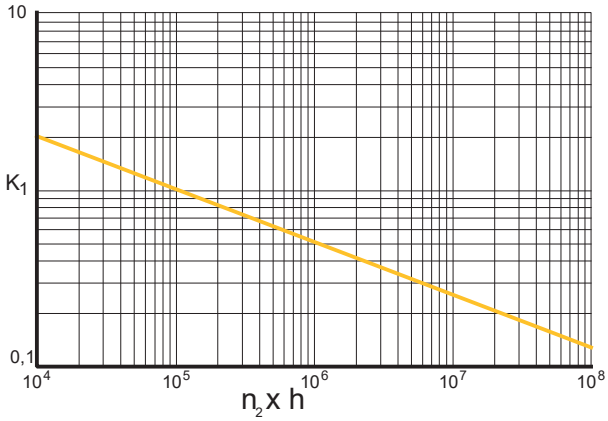
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

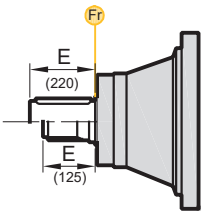
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

M-FV

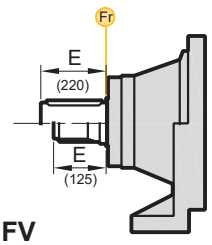




	nxh				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			



M



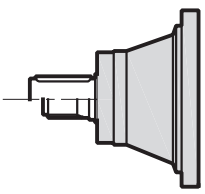
FV

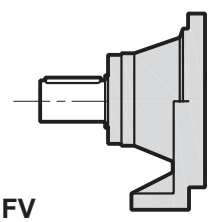
AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

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	
	80000	80000	←
	120000	120000	→


M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