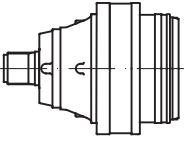
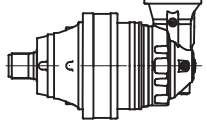


PD 131

	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 131 S1	3.91	204000	184000	160000	153000	200	276000	83
	4.94	159000	143000	125000	125000	200	214500	83
PD 131 S2	15.47	204000	184000	160000	153000	1200	276000	67
	19.81	204000	184000	160000	153000	1200	276000	67
	25.01	159000	143000	125000	125000	1200	214500	67
PD 131 S3	29.65	159000	143000	125000	125000	2000	214500	47
	55.02	204000	184000	160000	153000	2000	276000	47
	66.32	204000	184000	160000	153000	2000	276000	47
	74.79	204000	184000	160000	153000	2000	276000	47
	86.66	204000	184000	160000	153000	2000	276000	47
	95.75	204000	184000	160000	153000	2000	276000	47
	107.21	159000	143000	125000	125000	2000	214500	47
	120.91	159000	143000	125000	125000	2000	214500	47
	133.71	204000	184000	160000	153000	2000	276000	47
	166.02	159000	143000	125000	125000	2000	214500	47
200.12	159000	143000	125000	125000	2000	214500	47	
PD 131 S4	250.53	204000	184000	160000	153000	2800	276000	37
	327.36	204000	184000	160000	153000	2800	276000	37
	386.42	204000	184000	160000	153000	2800	276000	37
	438.64	204000	184000	160000	153000	2800	276000	37
	487.96	159000	143000	125000	125000	2800	214500	37
	519.93	204000	184000	160000	153000	2800	276000	37
	574.48	204000	184000	160000	153000	2800	276000	37
	624.68	159000	143000	125000	125000	2800	214500	37
	684.72	159000	143000	125000	125000	2800	214500	37
	725.43	159000	143000	125000	125000	2800	214500	37
	793.33	159000	143000	125000	125000	2800	214500	37
	840.50	159000	143000	125000	125000	2800	214500	37
	969.43	204000	184000	160000	153000	2800	276000	37
	1038.88	159000	143000	125000	125000	2800	214500	37
	1203.68	159000	143000	125000	125000	2800	214500	37
1450.86	159000	143000	125000	125000	2800	214500	37	
PD 131 S5	1531.94	204000	184000	160000	153000	2800	276000	27
	1604.90	159000	143000	125000	125000	2800	214500	27
	1727.69	204000	184000	160000	153000	2800	276000	27
	1811.16	204000	184000	160000	153000	2800	276000	27
	1907.19	204000	184000	160000	153000	2800	276000	27
	2001.73	204000	184000	160000	153000	2800	276000	27
	2091.27	159000	143000	125000	125000	2800	214500	27
	2181.66	159000	143000	125000	125000	2800	214500	27
	2363.88	204000	184000	160000	153000	2800	276000	27
	2476.47	159000	143000	125000	125000	2800	214500	27
	2608.36	204000	184000	160000	153000	2800	276000	27
	2792.91	159000	143000	125000	125000	2800	214500	27
	2960.82	204000	184000	160000	153000	2800	276000	27
	3900.44	159000	143000	125000	125000	2800	214500	27
	5145.91	159000	143000	125000	125000	2800	214500	27
5888.65	159000	143000	125000	125000	2800	214500	27	
6979.14	159000	143000	125000	125000	2800	214500	27	
8124.82	159000	143000	125000	125000	2800	214500	27	
9793.30	159000	143000	125000	125000	2800	214500	27	

PDA 131

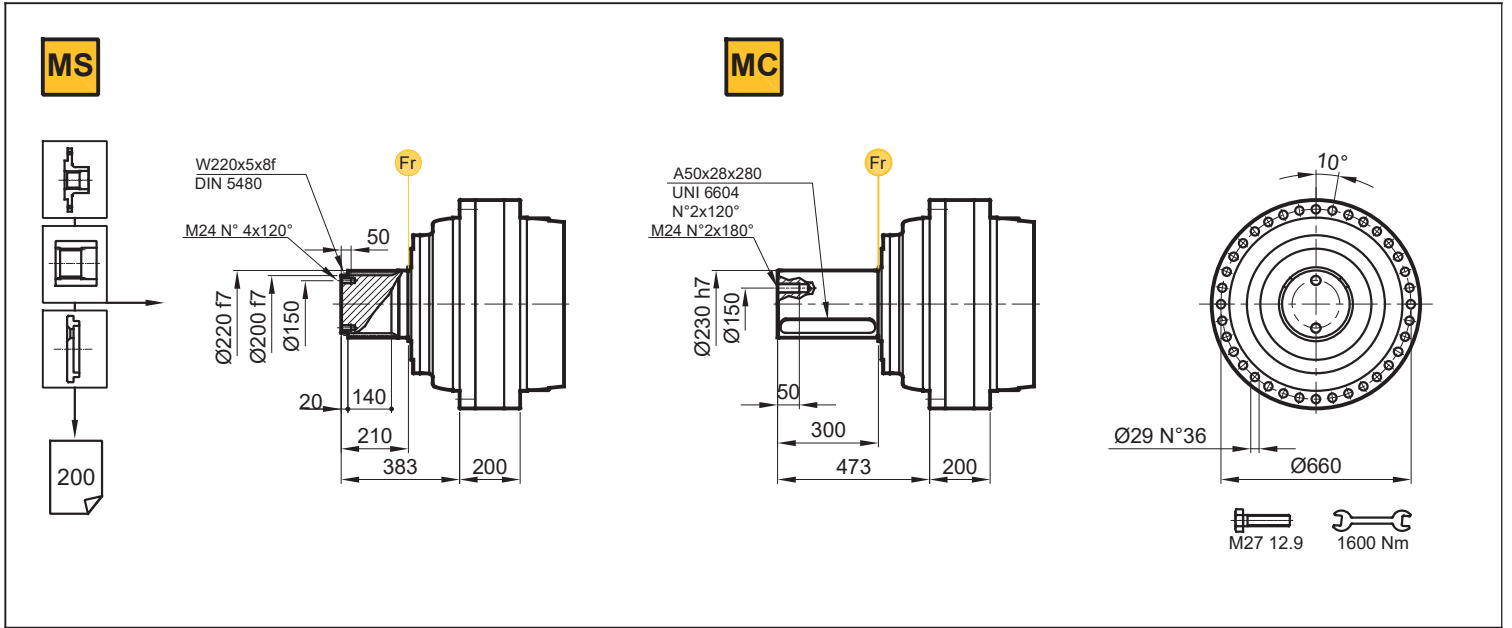
	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n ₂ xh						
		10 000	20 000	50 000	100 000			
PDA 131 S3	60.02	159000	143000	125000	125000	2500	214500	45
	72.11	204000	184000	160000	153000	2500	276750	45
	76.83	159000	143000	125000	125000	2500	214500	45
	91.06	159000	143000	125000	125000	2500	214500	45
	116.74	159000	143000	125000	125000	2500	214500	45
	138.35	159000	143000	125000	125000	2500	214500	45
PDA 131 S4	256.76	204000	184000	160000	153000	2500	276750	35
	328.69	204000	184000	160000	153000	2500	276750	35
	390.80	159000	143000	125000	125000	2500	214500	35
	440.74	159000	143000	125000	125000	2500	214500	35
	500.30	159000	143000	125000	125000	2500	214500	35
	564.22	159000	143000	125000	125000	2500	214500	35
	653.72	159000	143000	125000	125000	2500	214500	35
	787.97	159000	143000	125000	125000	2500	214500	35
	933.89	159000	143000	125000	125000	2500	214500	35
PDA 131 S5	1183.67	204000	184000	160000	153000	2800	276750	25
	1334.92	204000	184000	160000	153000	2800	276750	25
	1440.05	159000	143000	125000	125000	2800	214500	25
	1550.23	204000	184000	160000	153000	2800	276750	25
	1685.69	159000	143000	125000	125000	2800	214500	25
	1759.71	204000	184000	160000	153000	2800	276750	25
	1880.74	159000	143000	125000	125000	2800	214500	25
	1996.18	159000	143000	125000	125000	2800	214500	25
	2205.01	159000	143000	125000	125000	2800	214500	25
	2407.67	159000	143000	125000	125000	2800	214500	25
	2656.68	159000	143000	125000	125000	2800	214500	25
	3085.18	159000	143000	125000	125000	2800	214500	25
	3949.56	159000	143000	125000	125000	2800	214500	25
	4576.05	159000	143000	125000	125000	2800	214500	25
	5423.46	159000	143000	125000	125000	2800	214500	25
	6537.21	159000	143000	125000	125000	2800	214500	25
7899.13	159000	143000	125000	125000	2800	214500	25	



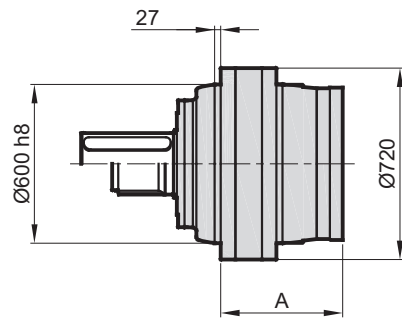
(n₂ x h = 20000)

$$T_{2max} = T_2 \times 1,5$$

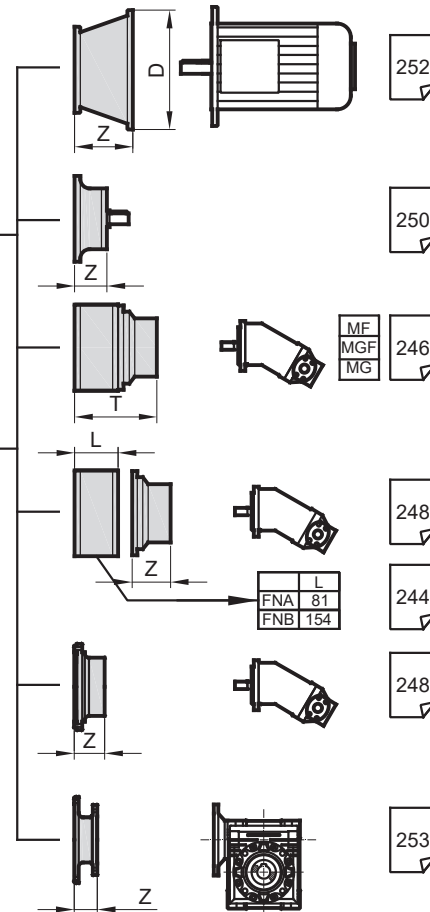
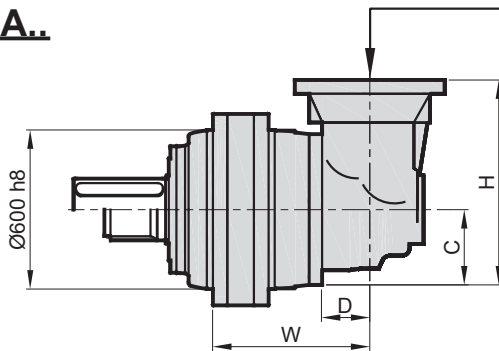
PD/PDA 131



PD..



PDA..

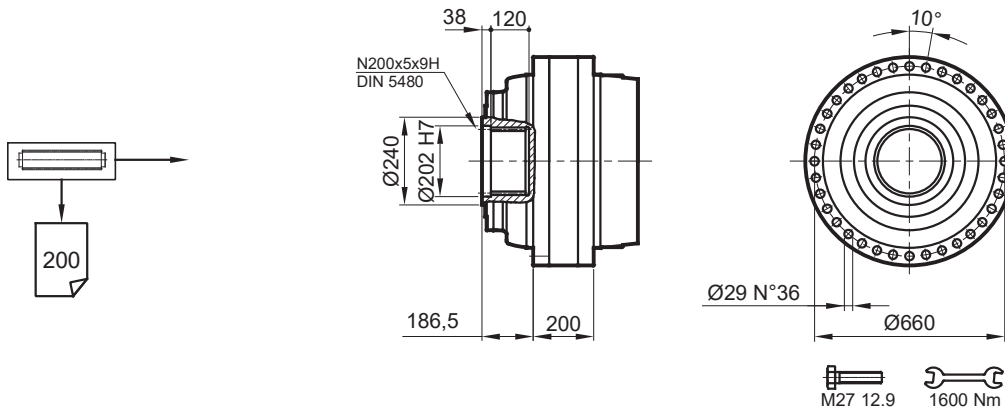


Stage	W	D	C	H	A	PD		PDA	
						M	M	M	M
S1	-	-	-	-	336		763		-
S2	-	-	-	-	564		962		-
S3	-	-	-	-	671		1012		-
S4	743	121	172,5	457	743		1029		1071
S5	808	103	122	319	804		1038		1054

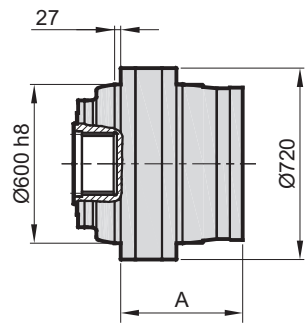
Stage	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S3	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S5	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-

PD/PDA 131

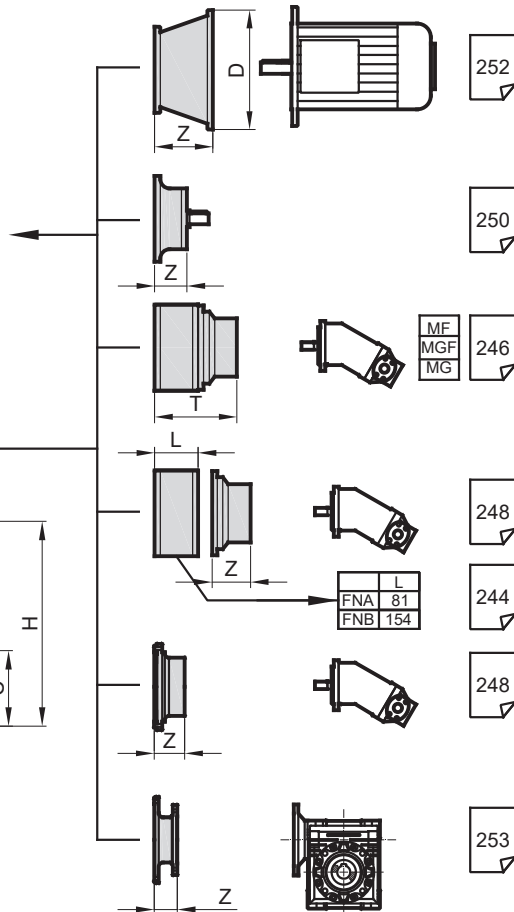
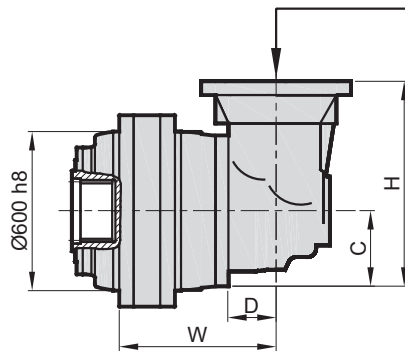
S



PD..



PDA..

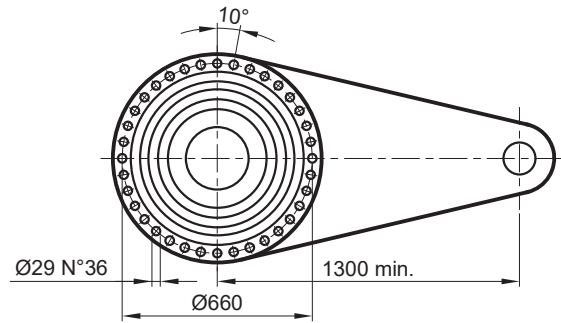
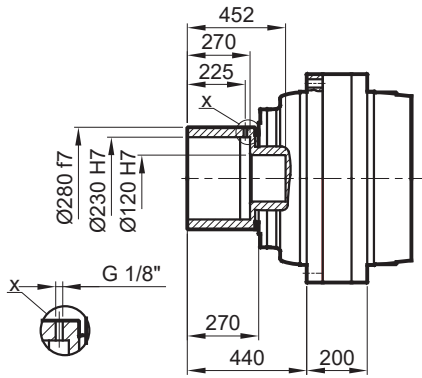
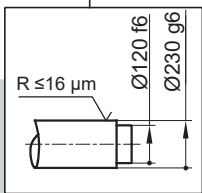
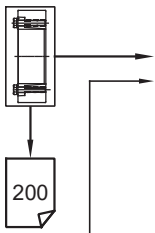


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	336	626	-
S2	-	-	-	-	564	825	-
S3	-	-	-	-	671	875	-
S4	743	121	172,5	457	743	892	934
S5	808	103	122	319	804	901	917

	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	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S5	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-

PD/PDA 131

SD

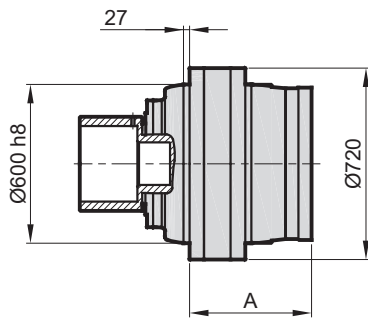


M27 12.9 1600Nm

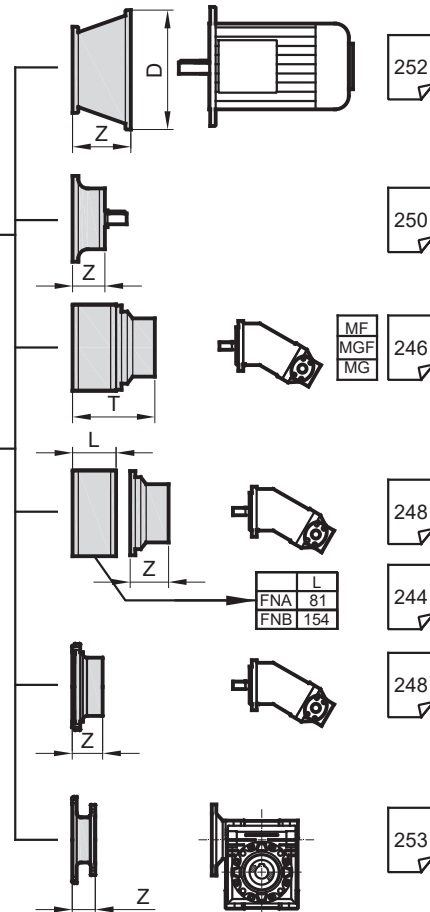
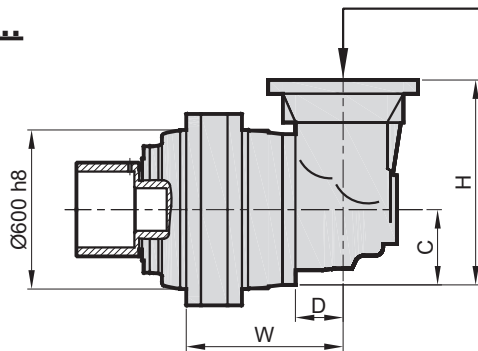
$M_{max} = 355 \text{ kNm}$

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..



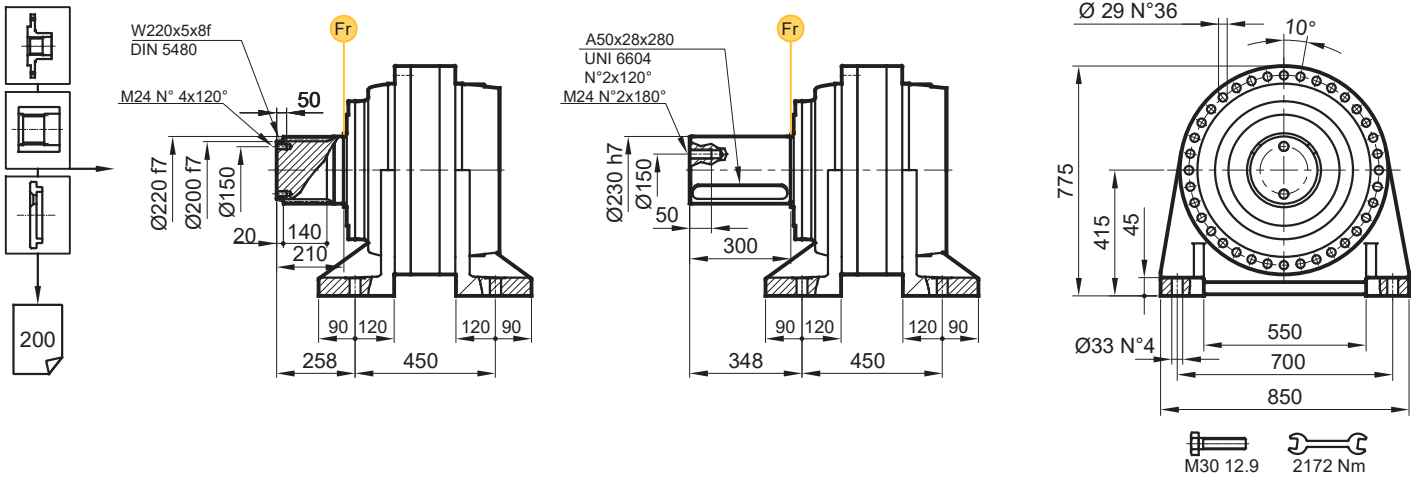
Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	336	695	-
S2	-	-	-	-	564	894	-
S3	-	-	-	-	671	944	-
S4	743	121	172,5	457	743	961	1003
S5	808	103	122	319	804	970	986

	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	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S5	-	-	-	-	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-

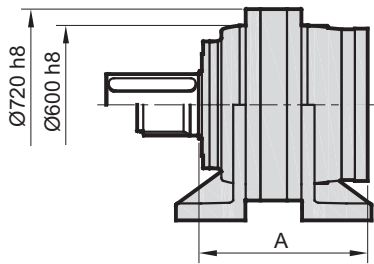
PD/PDA 131

FVS

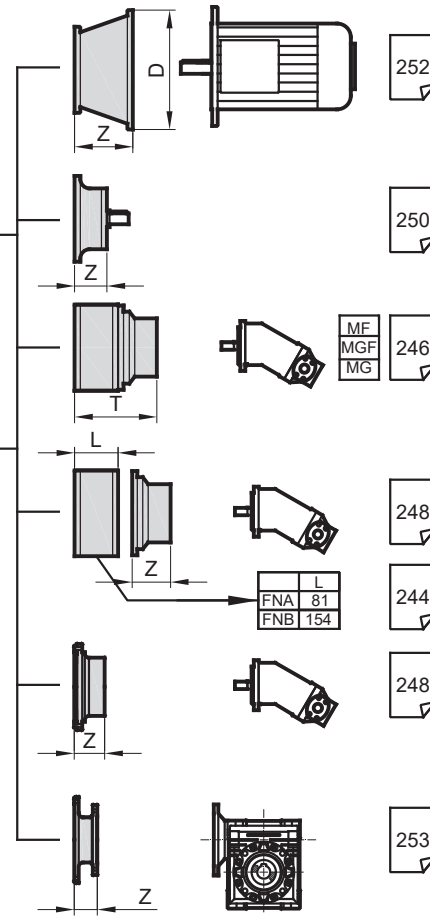
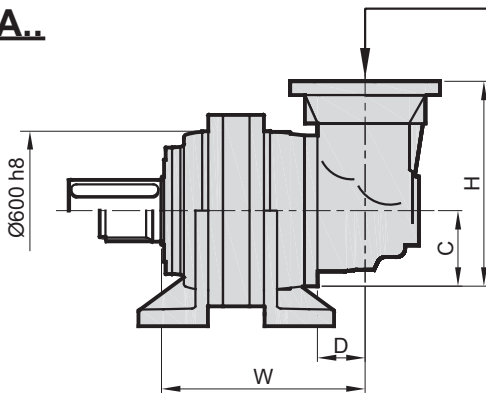
FVC



PD..



PDA..

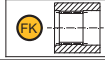


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	474	902	-
S2	-	-	-	-	702	1100	-
S3	-	-	-	-	809	1151	-
S4	881	121	172,5	457	881	1168	1210
S5	946	103	122	319	942	1177	1193

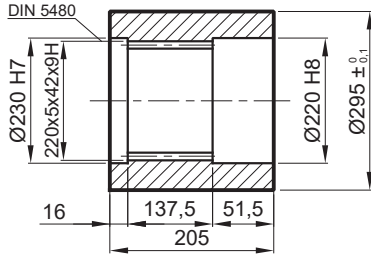
	H71	H80-90	H100	H132	H160-180	H200	H225	H250-280
Stage	D Z	D Z	D Z	D Z	D Z	D Z	D Z	D Z
S2	- -	- -	- -	- -	350 120,5	400 148,5	450 148,5	550 183,5
S3	- -	- -	- -	- -	350 120,5	400 148,5	450 148,5	550 183,5
S4	- -	- -	247 71	300 104	350 120,5	400 148,5	450 148,5	- -
S5	- -	- -	247 71	300 104	350 120,5	400 148,5	450 148,5	- -

PD/PDA 131

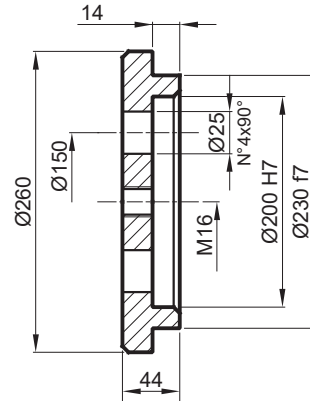
FK Frezeli Kaplin / Spined bushing
Innenverzähnte Buchse



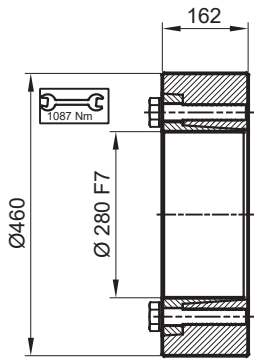
Malzeme /Material/ Material
DIN 1.7225
42CrMo4



SP Sabitleme Pulu / Stop bottom plate / Endscheibe

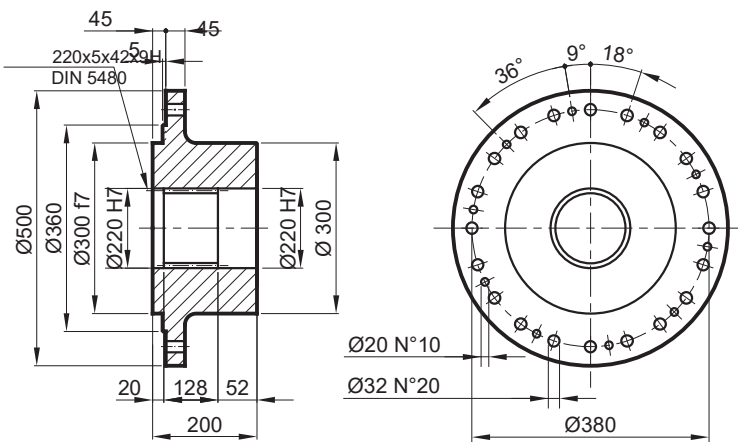


SB Sıkma Bileziği / Shrink disc
Schrumpfscheibe



Maksimum tork
Max. torque
Max. Drehmoment
355 kNm

FL Flanş / Flange / Flansch



PD/PDA 131

RADYAL YÜK(Fr)

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

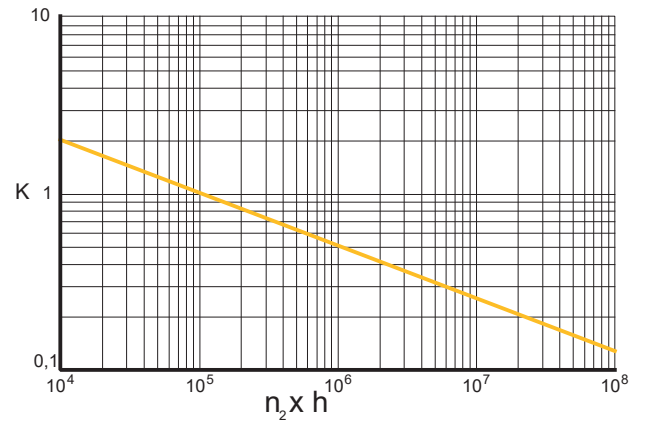
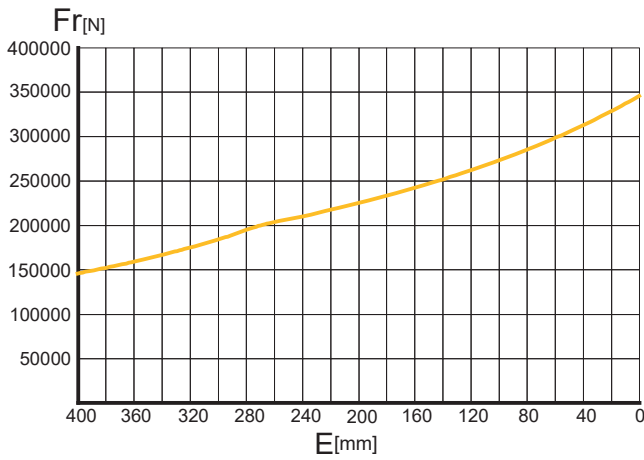
RADIAL LOADS(Fr)

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

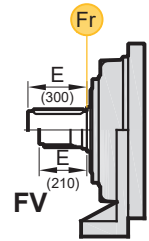
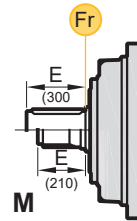
RADIALLAST (Fr)

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			



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	←
		45000	
	75000	75000	→

