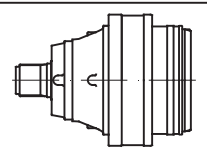
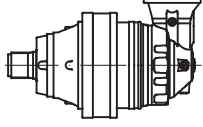


# PD 127



	i	T <sub>2</sub> [Nm]				n <sub>1max</sub> [min <sup>-1</sup> ]	T <sub>2max</sub> [Nm]	P <sub>t</sub> [kW]
		n <sub>2xh</sub>						
		10 000	20 000	50 000	100 000			
<b>PD 127 S1</b>	4.09	111850	99000	84250	74570	750	198000	80
	5.25	88840	78630	66920	59230	750	157260	80
<b>PD 127 S2</b>	16.4	111850	99000	84250	74570	1500	198000	65
	21.0	88840	78630	66920	59230	1500	157260	65
	27.3	88840	78630	66920	59230	1500	157260	65
	32.8	88840	78630	66920	59230	1500	157260	65
	60.0	111850	99000	84250	74570	2500	198000	45
<b>PD 127 S3</b>	72.5	111850	99000	84250	74570	2500	198000	45
	77.0	88840	78630	66920	59230	2500	157260	45
	93.0	88840	78630	66920	59230	2500	157260	45
	105.0	88840	78630	66920	59230	2500	157260	45
	120.9	88840	78630	66920	59230	2500	157260	45
	136.5	88840	78630	66920	59230	2500	157260	45
	158.3	88840	78630	66920	59230	2500	157260	45
	164.1	88840	78630	66920	59230	2500	157260	45
	190.3	88840	78630	66920	59230	2500	157260	45
	229.7	88840	78630	66920	59230	2500	157260	45
	<b>PD 127 S4</b>	247.4	111850	99000	84250	74570	2800	198000
273.7		111850	99000	84250	74570	2800	198000	30
298.9		111850	99000	84250	74570	2800	198000	30
309.9		111850	99000	84250	74570	2800	198000	30
359.9		111850	99000	84250	74570	2800	198000	30
397.8		88840	78630	66920	59230	2800	157260	30
434.9		111850	99000	84250	74570	2800	198000	30
460.1		88840	78630	66920	59230	2800	157260	30
502.4		88840	78630	66920	59230	2800	157260	30
525.3		111850	99000	84250	74570	2800	198000	30
555.3		88840	78630	66920	59230	2800	157260	30
598.2		88840	78630	66920	59230	2800	157260	30
630.0		88840	78630	66920	59230	2800	157260	30
674.3		88840	78630	66920	59230	2800	157260	30
705.3		88840	78630	66920	59230	2800	157260	30
750.8		88840	78630	66920	59230	2800	157260	30
788.3		88840	78630	66920	59230	2800	157260	30
819.0		88840	78630	66920	59230	2800	157260	30
883.1		88840	78630	66920	59230	2800	157260	30
950.0		88840	78630	66920	59230	2800	157260	30
1065.8		88840	78630	66920	59230	2800	157260	30
1148.0	88840	78630	66920	59230	2800	157260	30	
1385.5	88840	78630	66920	59230	2800	157260	30	
1665.2	88840	78630	66920	59230	2800	157260	30	

# PDA 127

	i	T <sub>2</sub> [Nm]				n <sub>1max</sub> [min <sup>-1</sup> ]	T <sub>2max</sub> [Nm]	P <sub>t</sub> [kW]
		n <sub>2</sub> xh						
		10 000	20 000	50 000	100 000			
<b>PDA 127 S3</b>	57.9	111850	99000	84250	74570	2500	198000	45
	75.7	111850	99000	84250	74570	2500	198000	45
	96.6	88840	78630	66920	59230	2500	157260	45
	116.2	88840	78630	66920	59230	2500	157260	45
	126.3	88840	78630	66920	59230	2500	157260	45
	151.8	88840	78630	66920	59230	2500	157260	45
<b>PDA 127 S4</b>	185.4	111850	99000	84250	74570	2800	198000	30
	201.6	111850	99000	84250	74570	2800	198000	30
	223.9	111850	99000	84250	74570	2800	198000	30
	243.4	111850	99000	84250	74570	2800	198000	30
	277.4	111850	99000	84250	74570	2800	198000	30
	309.3	88840	78630	66920	59230	2800	157260	30
	335.1	111850	99000	84250	74570	2800	198000	30
	373.6	88840	78630	66920	59230	2800	157260	30
	406.2	88840	78630	66920	59230	2800	157260	30
	449.0	88840	78630	66920	59230	2800	157260	30
	488.3	88840	78630	66920	59230	2800	157260	30
	559.2	88840	78630	66920	59230	2800	157260	30
	672.1	88840	78630	66920	59230	2800	157260	30

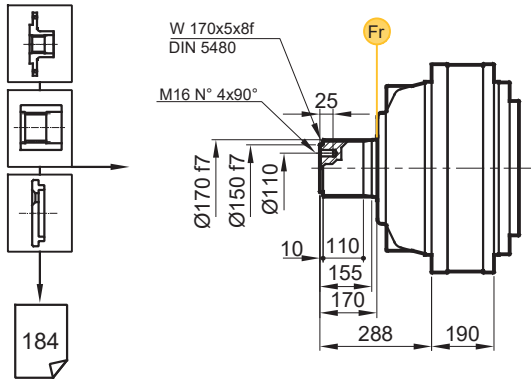


(n<sub>2</sub> x h = 20000)

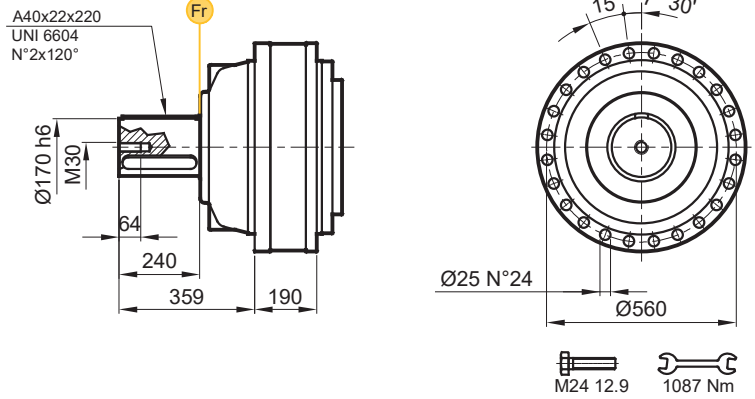
$$T_{2max} = T_2 \times 2$$

# PD/PDA 127

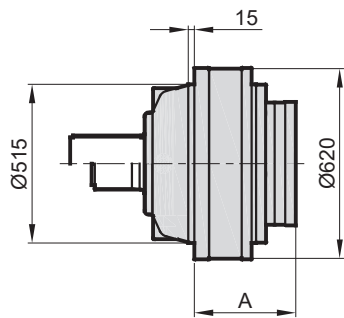
**MS**



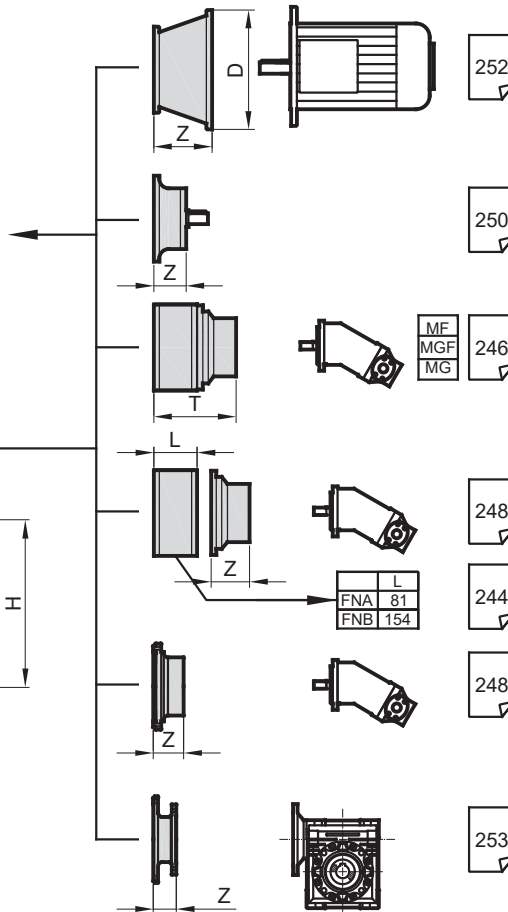
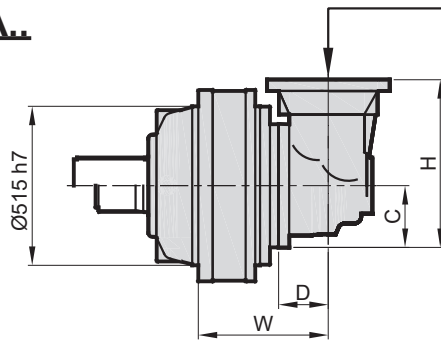
**MC**



**PD..**



**PDA..**

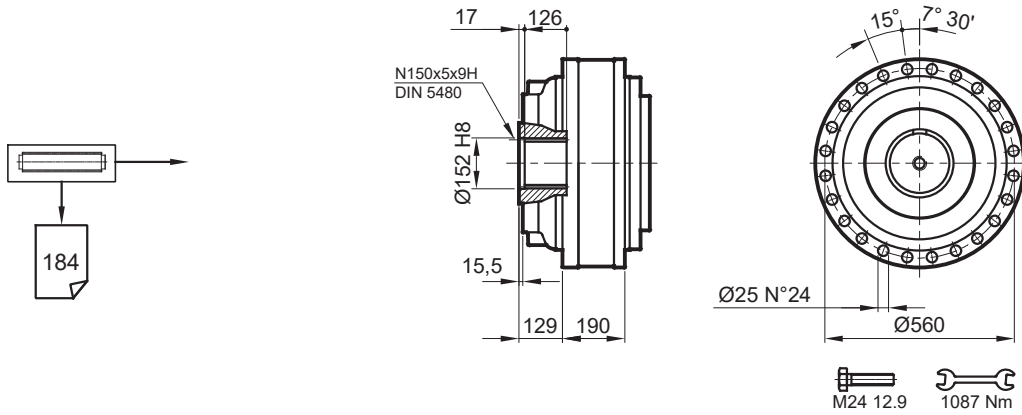


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	308	501	-
S2	-	-	-	-	491	621	-
S3	613	225	205	569	584	647	737
S4	647,5	118,5	140	390	644	660	698

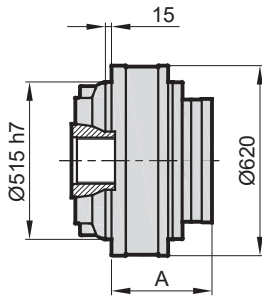
	H71	H80-90	H100	H132	H160-180	H200	H225	H250-280
Stage	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-
S2	-	-	-	-	350	120,5	400	148,5
S3	-	-	-	-	350	120,5	400	148,5
S4	-	-	-	247	71	300	104	350

# PD/PDA 127

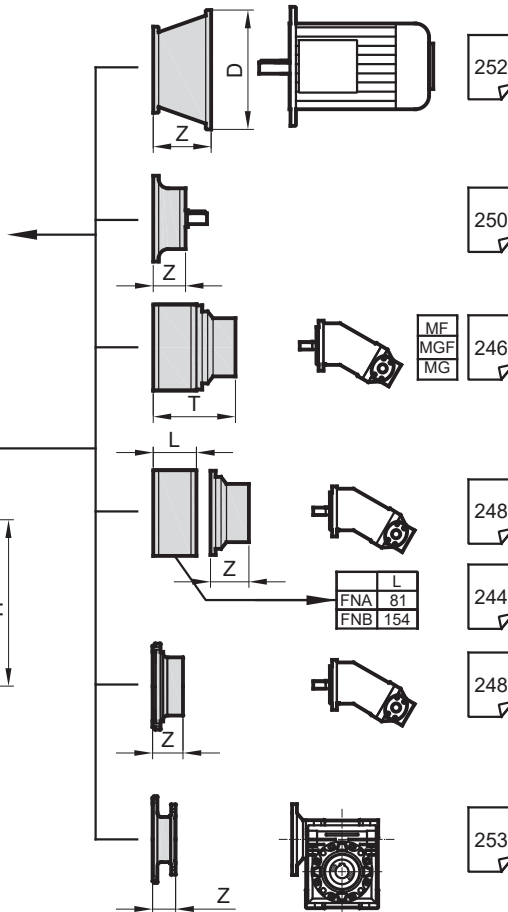
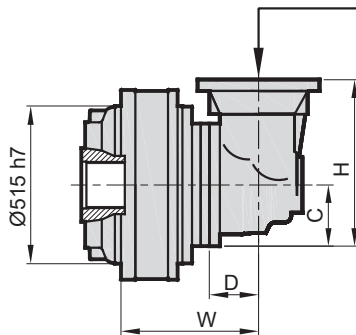
**S**



**PD..**



**PDA..**

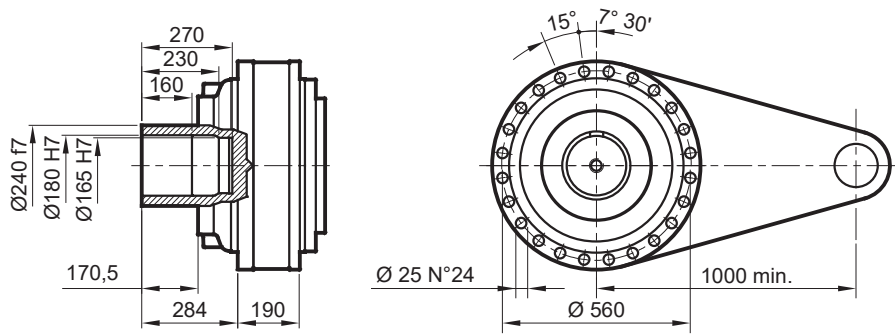
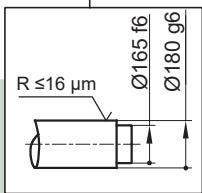
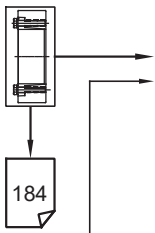


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	308	440	-
S2	-	-	-	-	491	560	-
S3	613	225	205	569	584	586	676
S4	647,5	118,5	140	390	644	599	637

	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-

# PD/PDA 127

**SD**

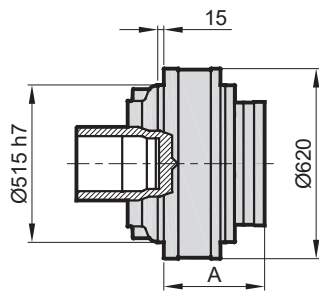


M24 12.9 1087 Nm

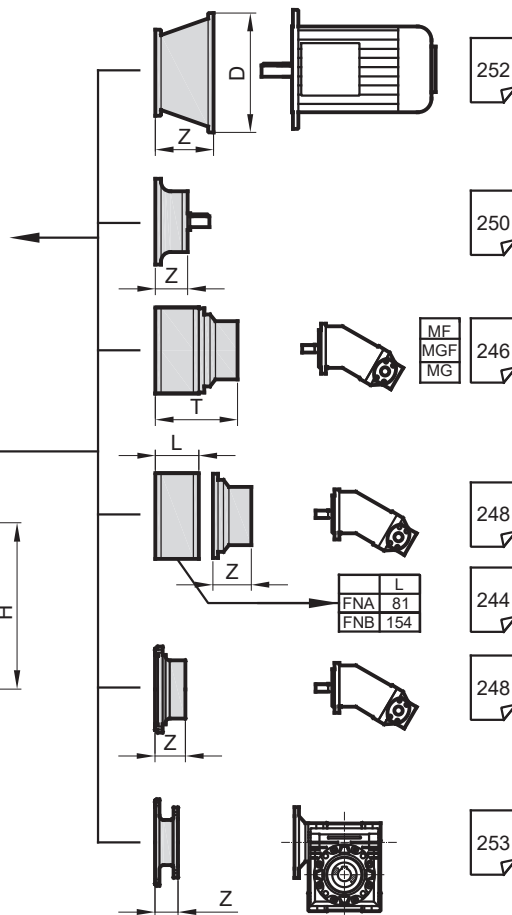
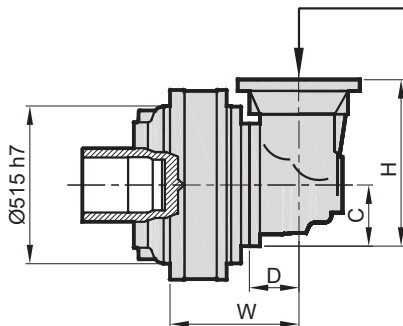
$M_{max} = 190 \text{ kNm}$

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..**



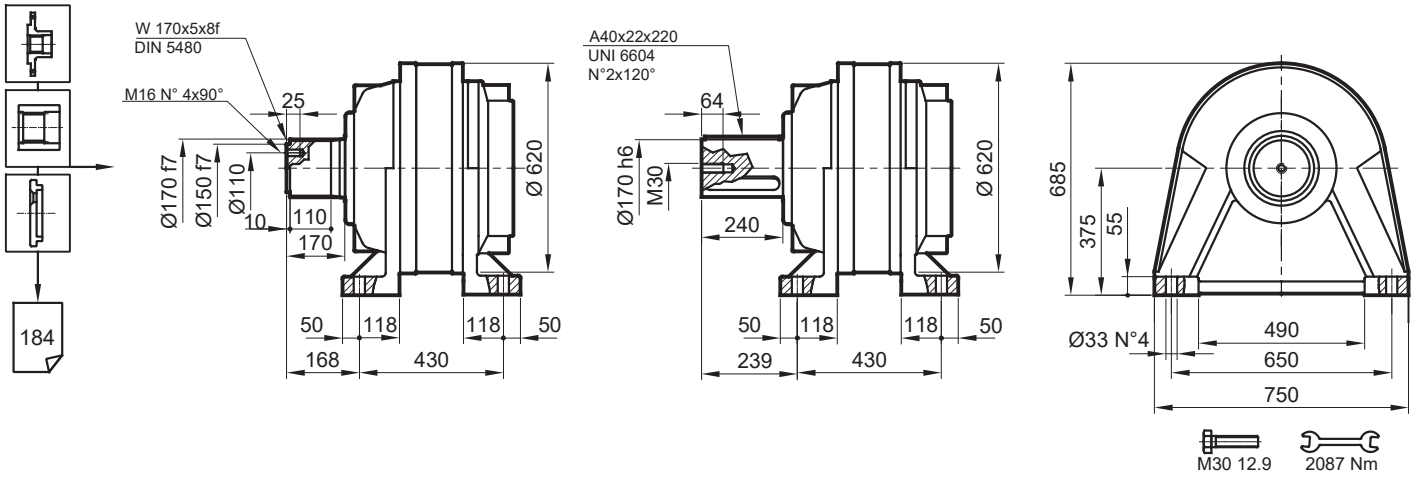
Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	308	460	-
S2	-	-	-	-	491	580	-
S3	613	225	205	569	584	606	695
S4	647,5	118,5	140	390	644	619	657

	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-

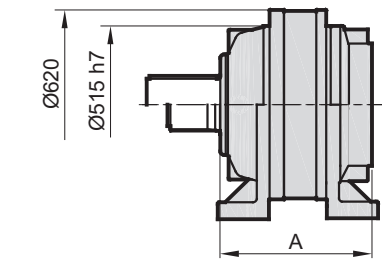
# PD/PDA 127

**FVS**

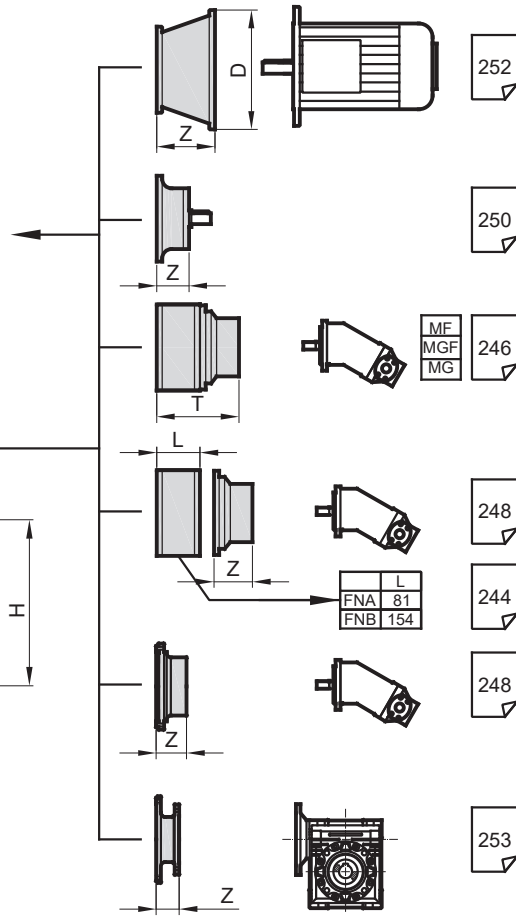
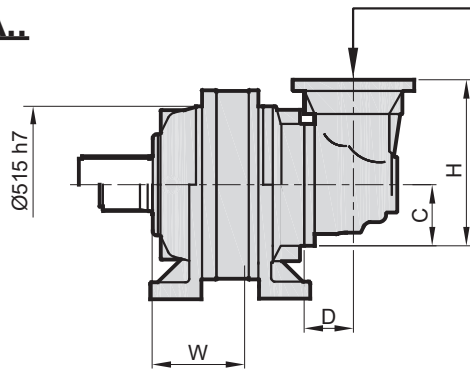
**FVC**



**PD..**



**PDA..**

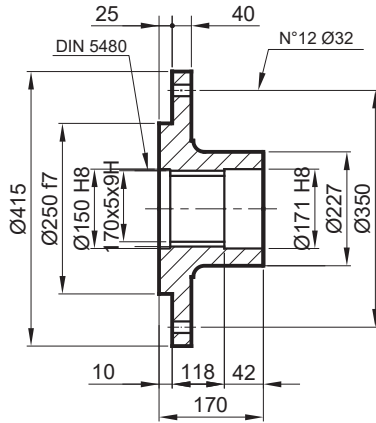


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	427	635	-
S2	-	-	-	-	610	755	-
S3	732	225	205	569	703	781	871
S4	766,5	118,5	140	390	763	794	832

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

# PD/PDA 127

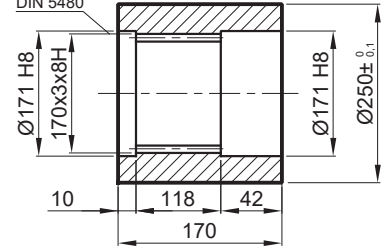
**FL** Flanş / Flange / Flansch



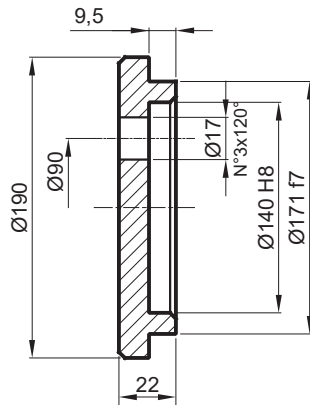
**FK** Frezeli Kaplin / Spined bushing  
Innenverzahnte Buchse



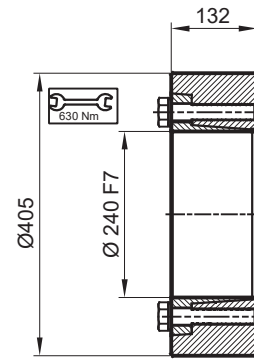
Malzeme /Material Material  
DIN 1.7225  
42CrMo4



**SP** Sabitleme Pulu / Stop bottom plate / Endscheibe



**SB** Sıkma Bileziği / Shrink disc  
Schrumpfscheibe



Maksimum tork  
Max. torque  
Max. Drehmoment  
190 kNm

# PD/PDA 127

## RADYAL YÜK(Fr)

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

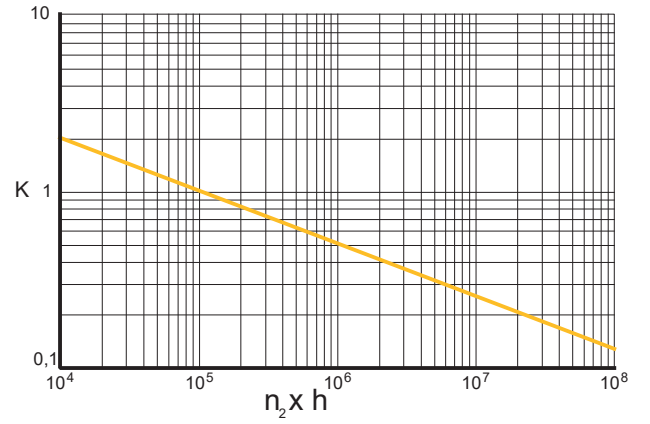
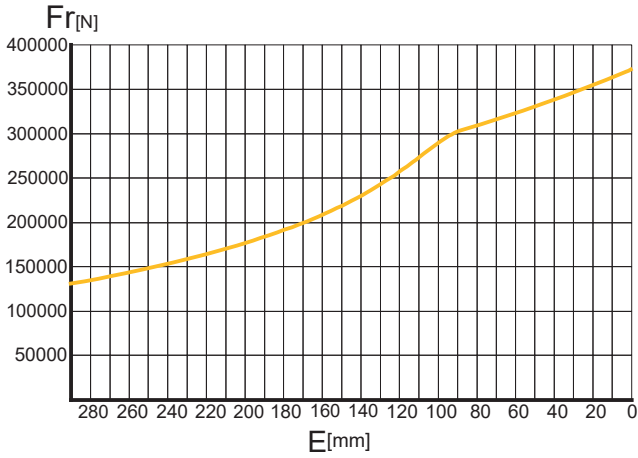
## RADIAL LOADS(Fr)

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

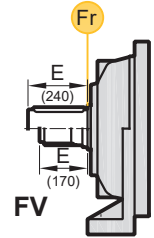
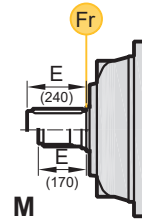
## RADIALLAST (Fr)

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 <sub>2</sub> × h				
	10 <sup>5</sup>	10 <sup>4</sup>	10 <sup>6</sup>	10 <sup>7</sup>	10 <sup>8</sup>
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	← →
	40000	40000	
70000	70000	70000	

