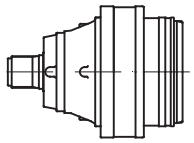
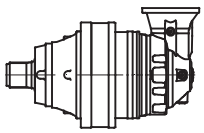
PD 137

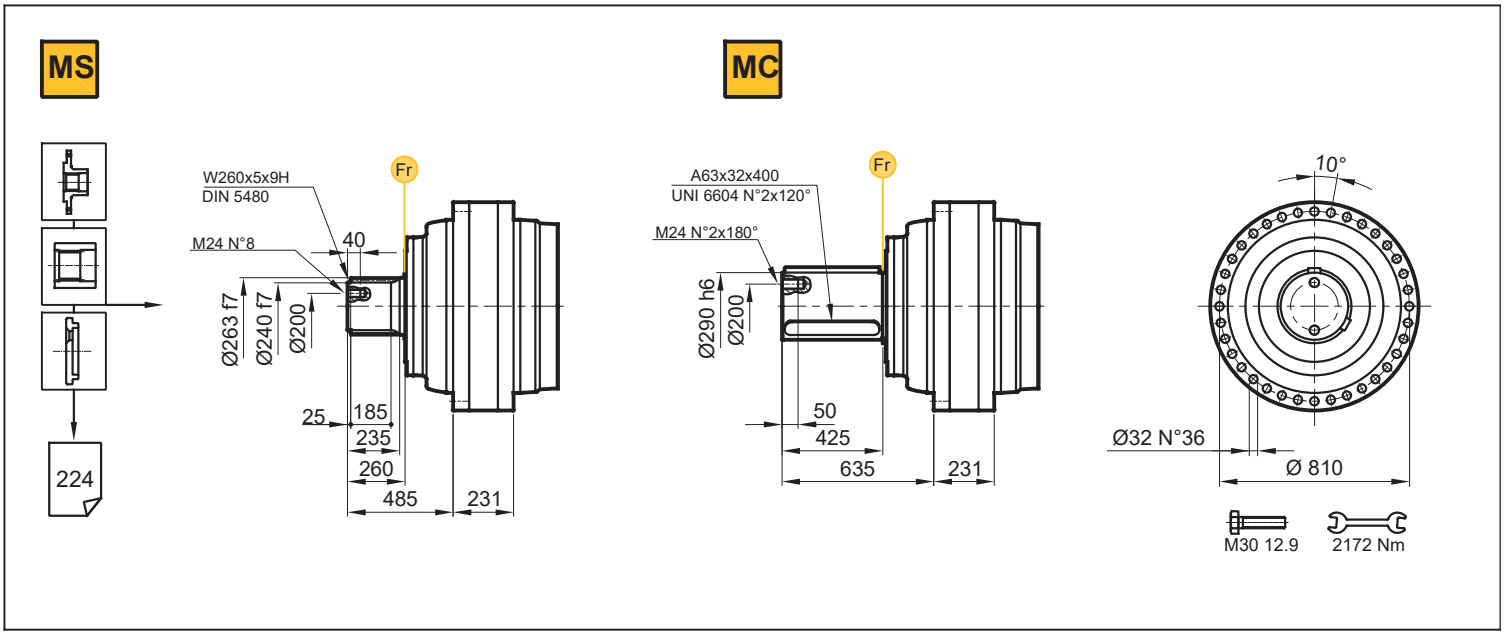
	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PD 137 S1	4.00	342300	339900	336720	312170	200	441870	110
	4.57	291300	282600	274550	268600	200	367380	110
PD 137 S2	15.3	342300	339900	336720	312170	750	441870	80
	17.6	342300	339900	336720	312170	750	441870	80
	20.1	291300	282600	274550	268600	750	367380	80
PD 137 S3	60.6	342300	339900	336720	312170	1500	441870	71
	77.6	342300	339900	336720	312170	1500	441870	71
	92.0	342300	339900	336720	312170	1500	441870	71
	105.6	342300	339900	336720	312170	1500	441870	71
PD 137 S4	215.4	342300	339900	336720	312170	2800	441870	50
	297.9	342300	339900	336720	312170	2800	441870	50
	389.3	342300	339900	336720	312170	2800	441870	50
	434.7	342300	339900	336720	312170	2800	441870	50
	499.0	342300	339900	336720	312170	2800	441870	50
	591.4	342300	339900	336720	312170	2800	441870	50
	672.8	342300	339900	336720	312170	2800	441870	50
	772.2	342300	339900	336720	312170	2800	441870	50
	915.2	342300	339900	336720	312170	2800	441870	50
PD 137 S5	813.5	342300	339900	336720	312170	2800	441870	37
	1042.7	342300	339900	336720	312170	2800	441870	37
	1196.8	342300	339900	336720	312170	2800	441870	37
	1281.3	342300	339900	336720	312170	2800	441870	37
	1340.9	342300	339900	336720	312170	2800	441870	37
	1489.3	342300	339900	336720	312170	2800	441870	37
	1642.2	342300	339900	336720	312170	2800	441870	37
	1709.4	342300	339900	336720	312170	2800	441870	37
	1885.0	342300	339900	336720	312170	2800	441870	37
	2011.4	342300	339900	336720	312170	2800	441870	37
	2234.0	342300	339900	336720	312170	2800	441870	37
	2337.9	342300	339900	336720	312170	2800	441870	37
	2439.4	342300	339900	336720	312170	2800	441870	37
	2541.5	342300	339900	336720	312170	2800	441870	37
	2661.9	342300	339900	336720	312170	2800	441870	37
	2768.0	342300	339900	336720	312170	2800	441870	37
	2940.3	342300	339900	336720	312170	2800	441870	37
	3185.3	342300	339900	336720	312170	2800	441870	37
	3289.0	342300	339900	336720	312170	2800	441870	37
	3457.4	342300	339900	336720	312170	2800	441870	37
	3775.2	342300	339900	336720	312170	2800	441870	37
	4119.5	342300	339900	336720	312170	2800	441870	37
	4360.3	342300	339900	336720	312170	2800	441870	37
	4728.5	342300	339900	336720	312170	2800	441870	37
	5167.8	342300	339900	336720	312170	2800	441870	37
	5780.7	342300	339900	336720	312170	2800	441870	37

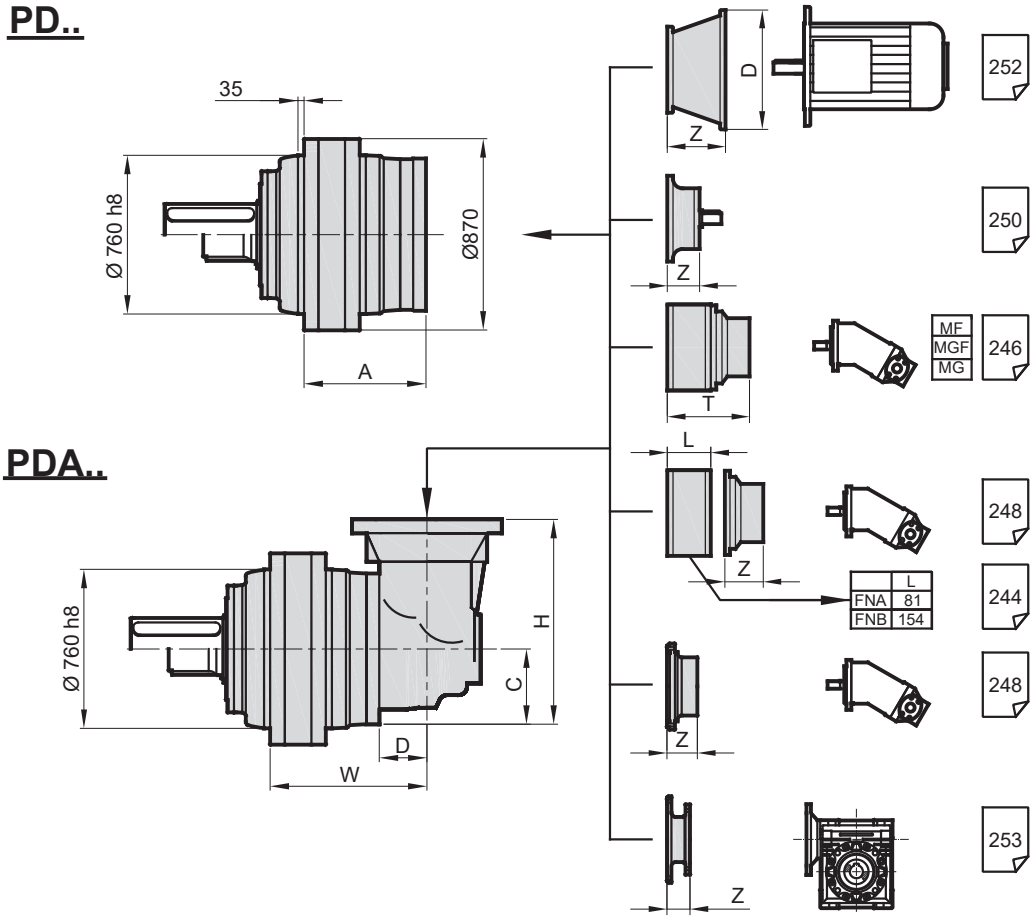
PDA 137

	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 137 S4	245.9	342300	339900	336720	312170	2800	441870	45
	282.3	342300	339900	336720	312170	2800	441870	45
	315.2	342300	339900	336720	312170	2800	441870	45
	361.8	342300	339900	336720	312170	2800	441870	45
	428.7	342300	339900	336720	312170	2800	441870	45
PDA 137 S5	721,5	342300	339900	336720	312170	2800	441870	40
	924.7	342300	339900	336720	312170	2800	441870	40
	1061.4	342300	339900	336720	312170	2800	441870	40
	1182.7	342300	339900	336720	312170	2800	441870	40
	1257.9	342300	339900	336720	312170	2800	441870	40
	1456.6	342300	339900	336720	312170	2800	441870	40
	1689.2	342300	339900	336720	312170	2800	441870	40
	1870.2	342300	339900	336720	312170	2800	441870	40
	2010.8	342300	339900	336720	312170	2800	441870	40
	2245.2	342300	339900	336720	312170	2800	441870	40
	2534.0	342300	339900	336720	312170	2800	441870	40
	2661.0	342300	339900	336720	312170	2800	441870	40
	3054.4	342300	339900	336720	312170	2800	441870	40
	3416.6	342300	339900	336720	312170	2800	441870	40
	3921.6	342300	339900	336720	312170	2800	441870	40

⚠ $\frac{(n_2 \times h = 20000)}{T_{2max}=T_2 \times 1,3}$

PD/PDA 137



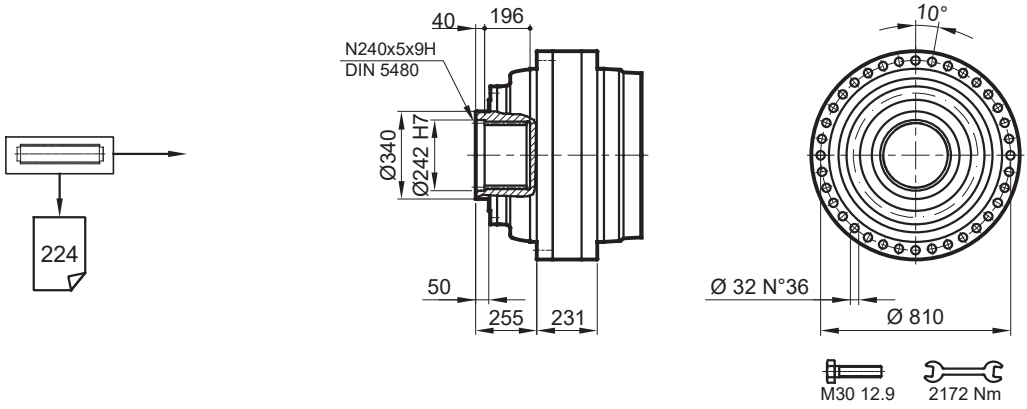


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	416	1532	-
S2	-	-	-	-	698	1862	-
S3	-	-	-	-	926	2062	-
S4	1074	279,5	245	536,5	1033	2112	2219
S5	1105	121	172,5	457	1105	2130	2176

	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
S3	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S5	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	-	-

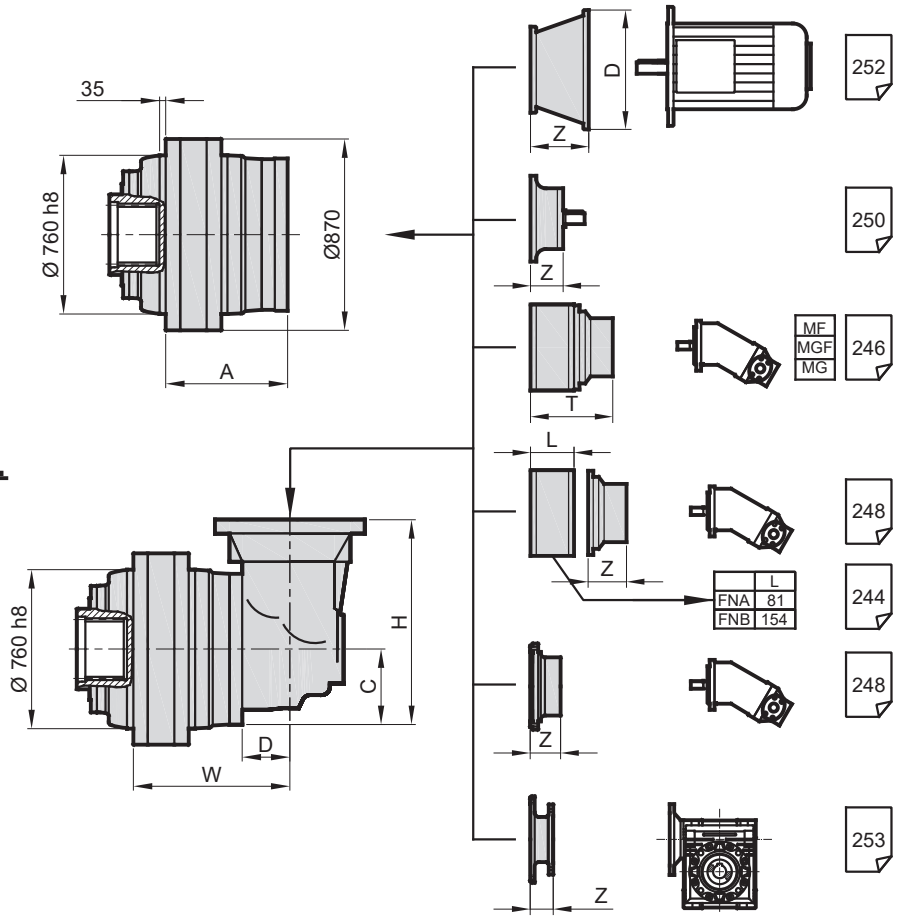
PD/PDA 137

S



PD..

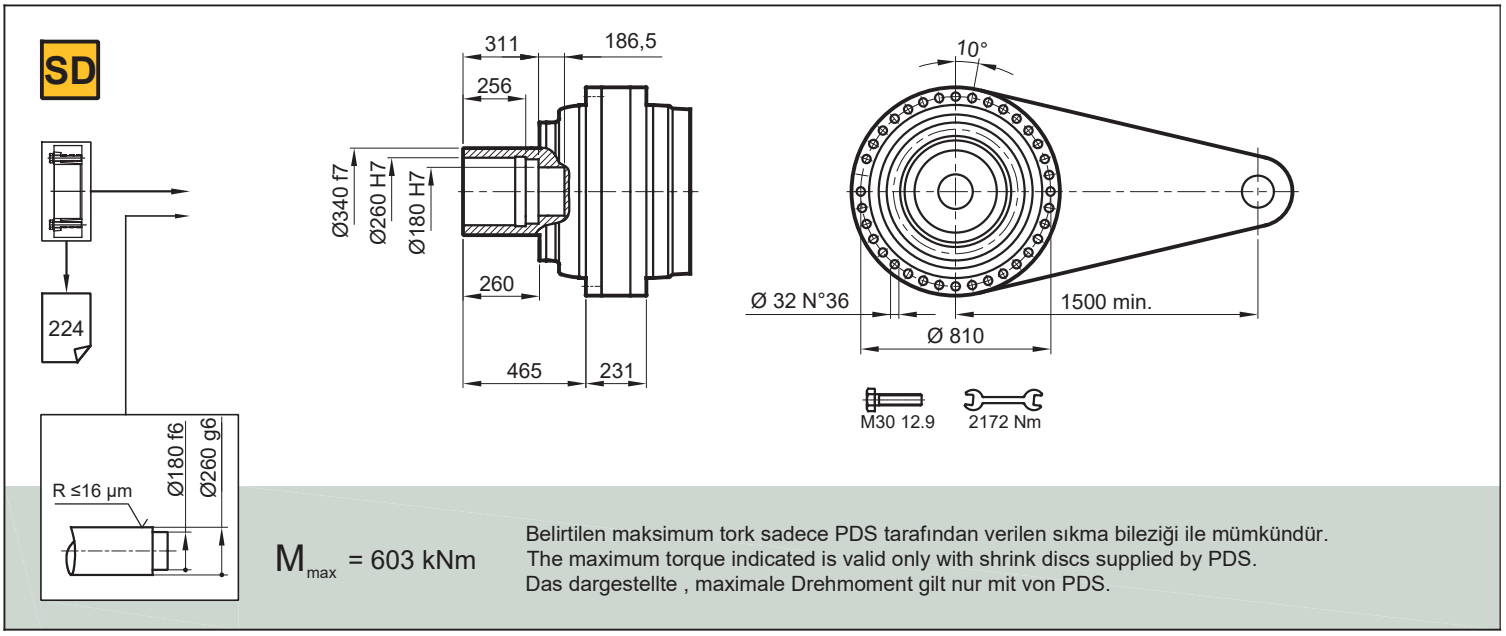
PDA..



Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	416	1209	-
S2	-	-	-	-	698	1539	-
S3	-	-	-	-	926	1739	-
S4	1074	279,5	245	536,5	1033	1789	1896
S5	1105	121	172,5	457	1105	1807	1853

	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
S3	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S5	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	-	-

PD/PDA 137

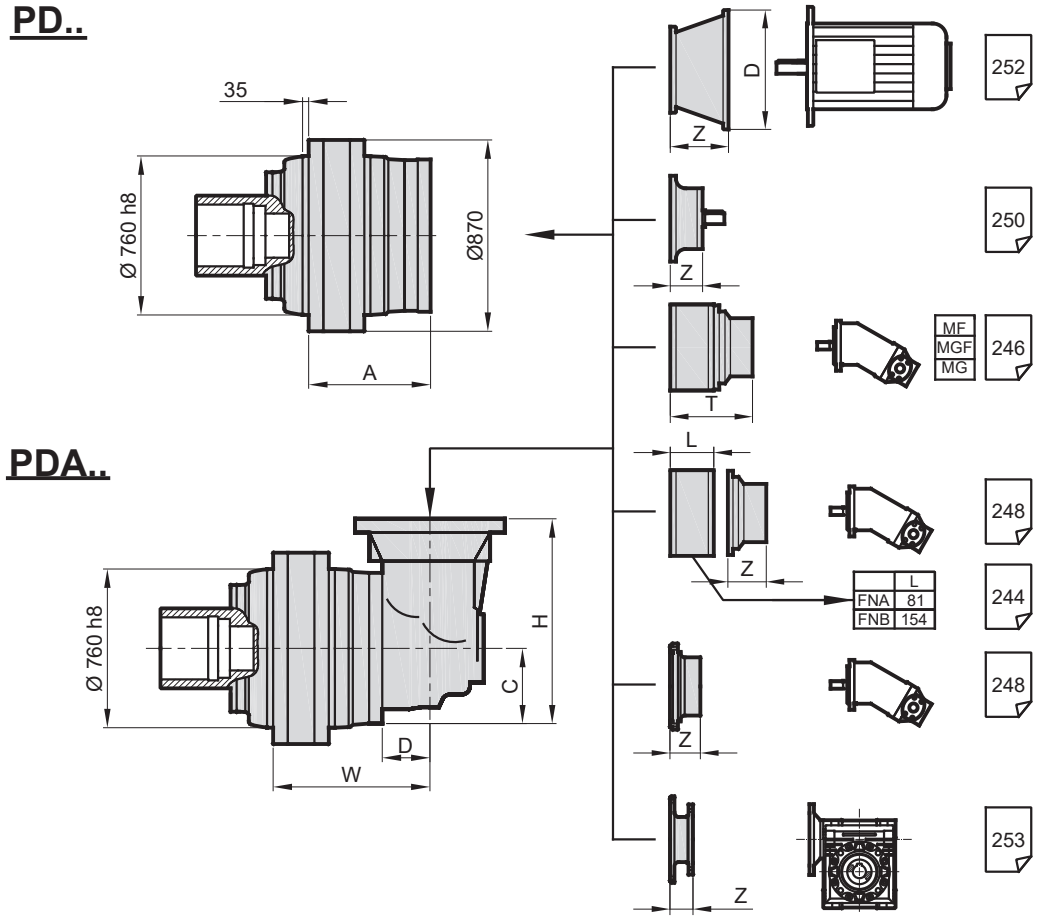


M_{max} = 603 kNm

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..

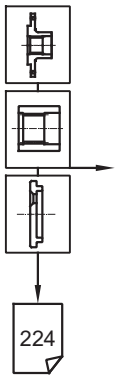


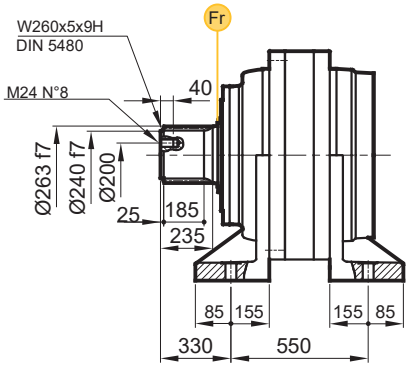
Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	416	1295	-
S2	-	-	-	-	698	1615	-
S3	-	-	-	-	926	1815	-
S4	1074	279,5	245	536,5	1033	1865	1972
S5	1105	121	172,5	457	1105	1883	1929

	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
S3	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S5	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	-	-

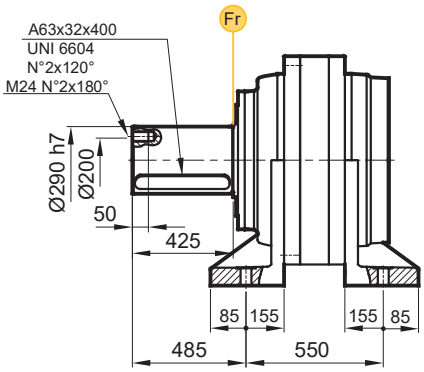
PD/PDA 137

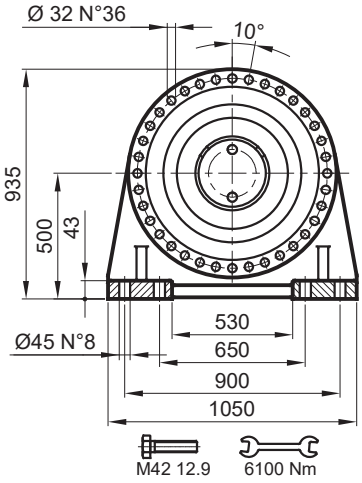
FVS





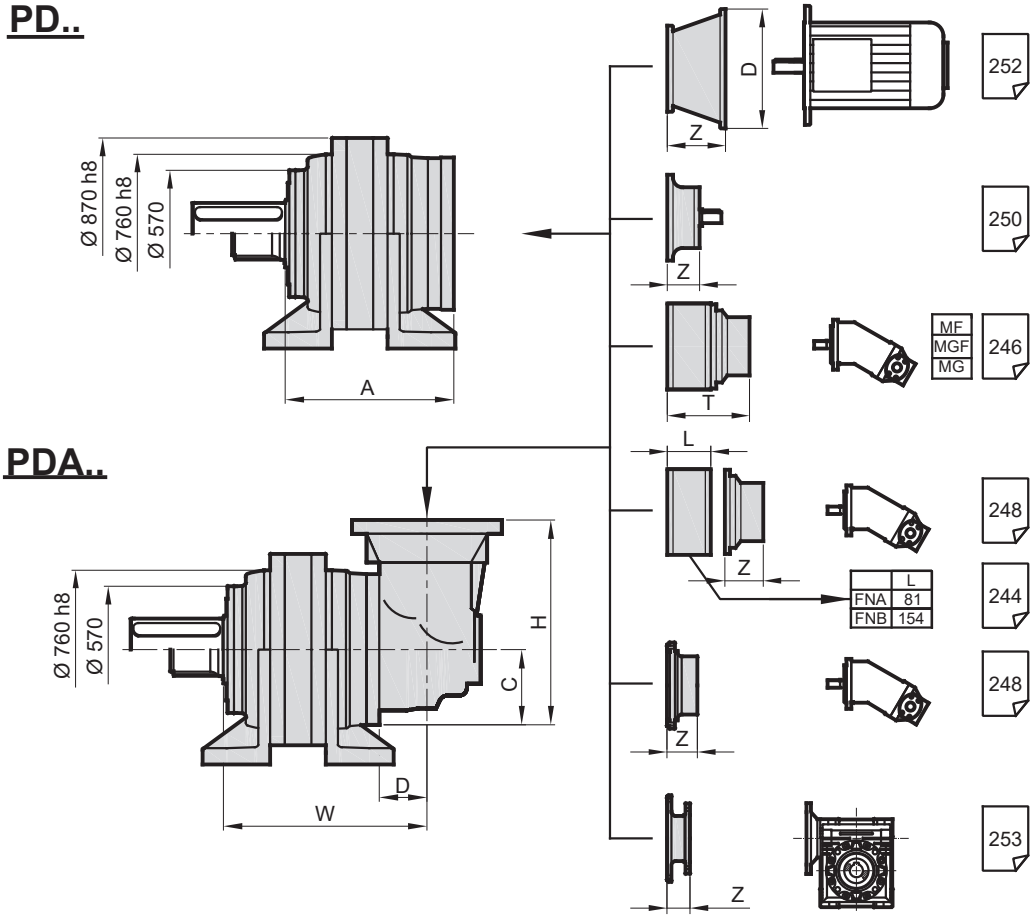
FVC





PD..

PDA..

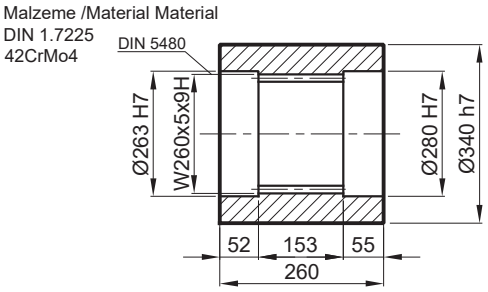


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	626	2919	-
S2	-	-	-	-	908	2249	-
S3	-	-	-	-	1136	2449	-
S4	1284	279,5	245	536,5	1243	2499	2606
S5	1315	121	172,5	457	1315	2517	2563

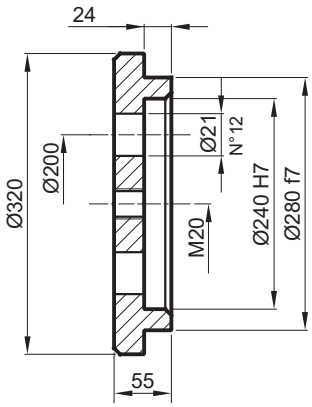
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S3	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S4	-	-	-	-	-	-	-	-	-	-	400	148,5	450	148,5	550	183,5
S5	-	-	-	-	-	-	300	104	350	120,5	400	148,5	450	148,5	-	-

PD/PDA 137

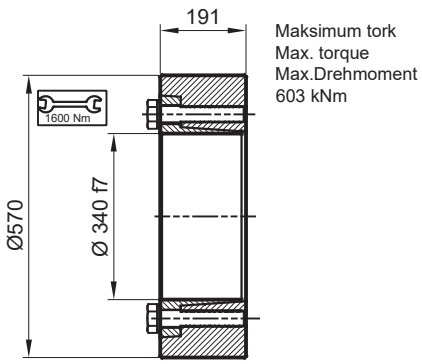
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse



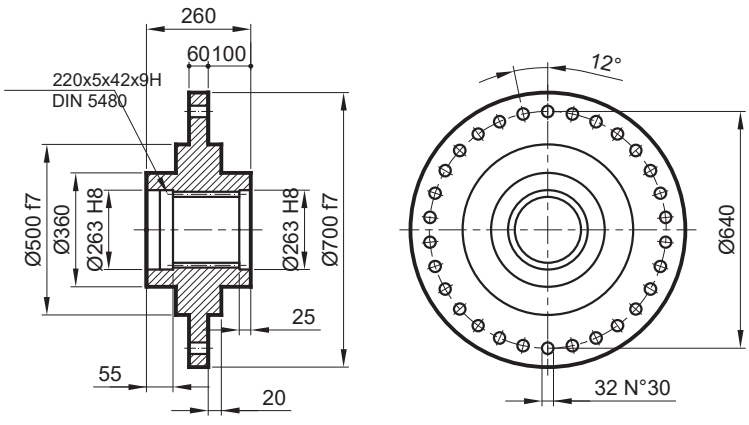
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



FL Flanş / *Flange* / Flansch



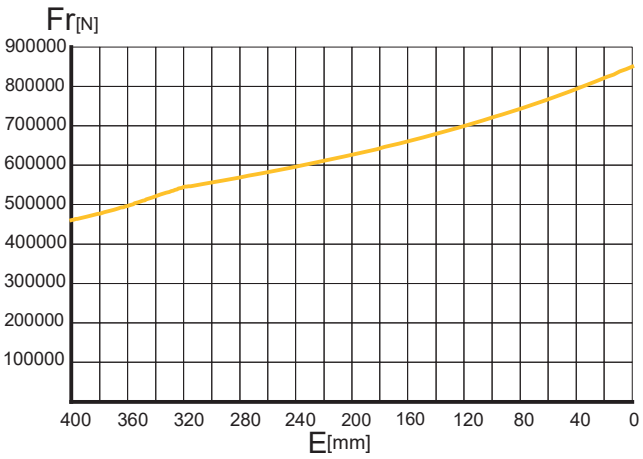
PD/PDA 137

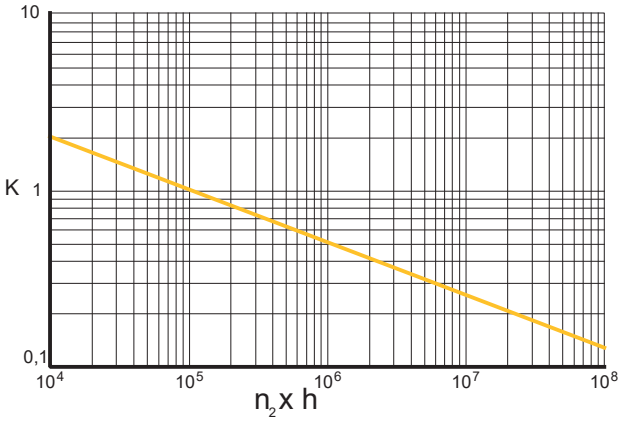
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

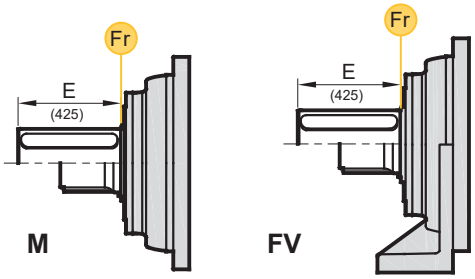
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

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			



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	
	110000	80000	←
	110000	100000	→