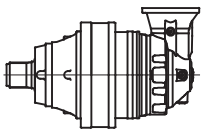
PD 103

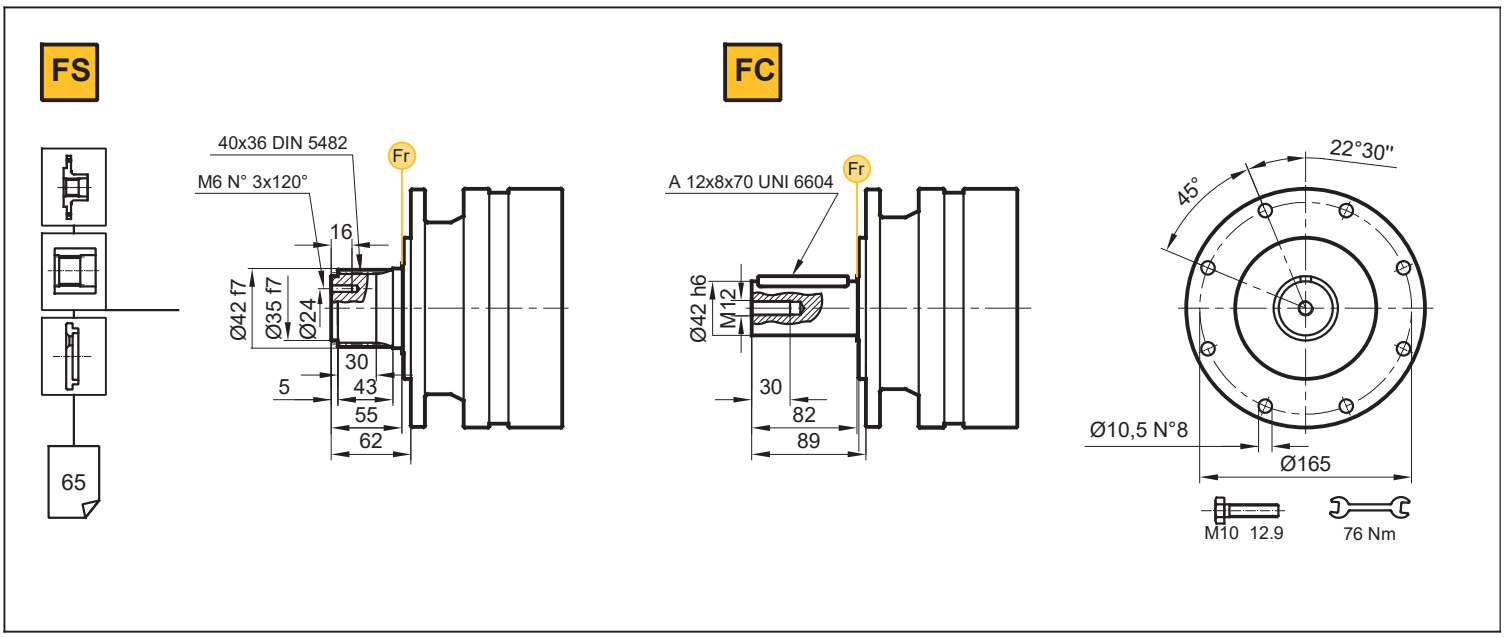
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 103 S1	3.55	1920	1700	1450	1280	2800	3400	12
	4.28	1920	1700	1450	1280	2800	3400	12
	5.60	1370	1210	1030	910	2800	2420	12
	6.75	1130	1000	850	750	2800	2000	12
	8.67	740	650	560	490	2800	1300	12
PD 103 S2	12.6	1920	1700	1450	1280	2800	3400	8
	15.2	1920	1700	1450	1280	2800	3400	8
	19.9	1920	1700	1450	1280	2800	3400	8
	24.0	1920	1700	1450	1280	2800	3400	8
	28.9	1920	1700	1450	1280	2800	3400	8
	31.4	1370	1210	1030	910	2800	2420	8
	37.8	1370	1210	1030	910	2800	2420	8
	45.5	1130	1000	850	750	2800	2000	8
	58.5	1130	1000	850	750	2800	2000	8
PD 103 S3	45.0	1920	1700	1450	1280	2800	3400	5
	54.2	1920	1700	1450	1280	2800	3400	5
	65.3	1920	1700	1450	1280	2800	3400	5
	70.8	1920	1700	1450	1280	2800	3400	5
	78.7	1920	1700	1450	1280	2800	3400	5
	85.3	1920	1700	1450	1280	2800	3400	5
	102.8	1920	1700	1450	1280	2800	3400	5
	111.5	1920	1700	1450	1280	2800	3400	5
	134.4	1920	1700	1450	1280	2800	3400	5
	162.0	1920	1700	1450	1280	2800	3400	5
	172.6	1920	1700	1450	1280	2800	3400	5
	208.0	1920	1700	1450	1280	2800	3400	5
	211.7	1370	1210	1030	910	2800	2420	5
	250,7	1920	1700	1450	1280	2800	3400	5
	255.2	1370	1210	1030	910	2800	2420	5
	271.8	1370	1210	1030	910	2800	2420	5
	307.6	1130	1000	0850	750	2800	2000	5
	327.6	1370	1210	1030	910	2800	2420	5
	394.9	1130	1000	850	750	2800	2000	5
PD 103 S4	337.1	1920	1700	1450	1280	2800	3400	1.5
	365.7	1920	1700	1450	1280	2800	3400	1.5
	396.5	1920	1700	1450	1280	2800	3400	1.5
	440.7	1920	1700	1450	1280	2800	3400	1.5
	477.9	1920	1700	1450	1280	2800	3400	1.5
	531.1	1920	1700	1450	1280	2800	3400	1.5
	575.9	1920	1700	1450	1280	2800	3400	1.5
	624.4	1920	1700	1450	1280	2800	3400	1.5
	694.2	1920	1700	1450	1280	2800	3400	1.5
	752.6	1920	1700	1450	1280	2800	3400	1.5
	836.6	1920	1700	1450	1280	2800	3400	1.5
	907.1	1920	1700	1450	1280	2800	3400	1.5
	966.4	1920	1700	1450	1280	2800	3400	1.5
	1093.5	1920	1700	1450	1280	2800	3400	1.5
	1144.4	1920	1700	1450	1280	2800	3400	1.5
	1185.4	1370	1210	1030	910	2800	2420	1.5
	1317.8	1920	1700	1450	1280	2800	3400	1.5
	1404.0	1920	1700	1450	1280	2800	3400	1.5
	1522.0	1370	1210	1030	910	2800	2420	1.5
	1692.0	1920	1700	1450	1280	2800	3400	1.5

PDA 103

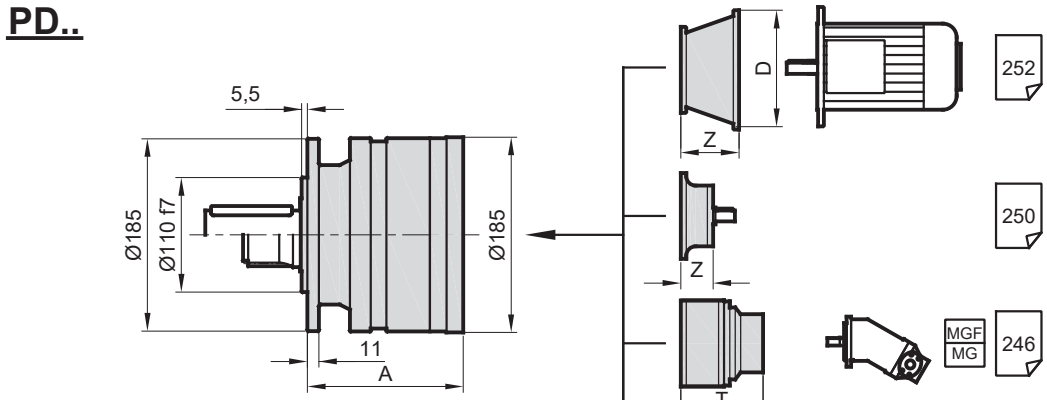
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 103 S2	10.4	1920	1700	1450	1280	2800	3400	8
	12.6	1920	1700	1450	1280	2800	3400	8
	16.4	1370	1210	1030	910	2800	2420	8
	19.8	1130	1000	850	750	2800	2000	8
PDA 103 S3	37.0	1920	1700	1450	1280	2800	3400	5
	44.6	1920	1700	1450	1280	2800	3400	5
	53.8	1920	1700	1450	1280	2800	3400	5
	58.3	1920	1700	1450	1280	2800	3400	5
	70.3	1920	1700	1450	1280	2800	3400	5
	84.8	1920	1700	1450	1280	2800	3400	5
	91.9	1370	1210	1030	910	2800	2420	5
	110.8	1370	1210	1030	910	2800	2420	5
	133.5	1130	1000	850	750	2800	2000	5
	171.4	1130	1000	850	750	2800	2000	5
PDA 103 S4	131.7	1920	1700	1450	1280	2800	3400	1.5
	158.7	1920	1700	1450	1280	2800	3400	1.5
	191.3	1920	1700	1450	1280	2800	3400	1.5
	207.4	1920	1700	1450	1280	2800	3400	1.5
	230.5	1920	1700	1450	1280	2800	3400	1.5
	250.0	1920	1700	1450	1280	2800	3400	1.5
	301.3	1920	1700	1450	1280	2800	3400	1.5
	326.7	1920	1700	1450	1280	2800	3400	1.5
	363.1	1920	1700	1450	1280	2800	3400	1.5
	393.8	1920	1700	1450	1280	2800	3400	1.5
	474.7	1920	1700	1450	1280	2800	3400	1.5
	505,6	1920	1700	1450	1280	2800	3400	1.5
	514.6	1370	1210	1030	910	2800	2420	1.5
	572.0	1920	1700	1450	1280	2800	3400	1.5
	609.4	1920	1700	1450	1280	2800	3400	1.5
	734.5	1920	1700	1450	1280	2800	3400	1.5
	796.3	1370	1210	1030	910	2800	2420	1.5
	959.9	1370	1210	1030	910	2800	2420	1.5
	1157.0	1130	1000	850	750	2800	2000	1.5
	1232.4	1370	1210	1030	910	2800	2420	1.5
	1485.5	1130	1000	850	750	2800	2000	1.5

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

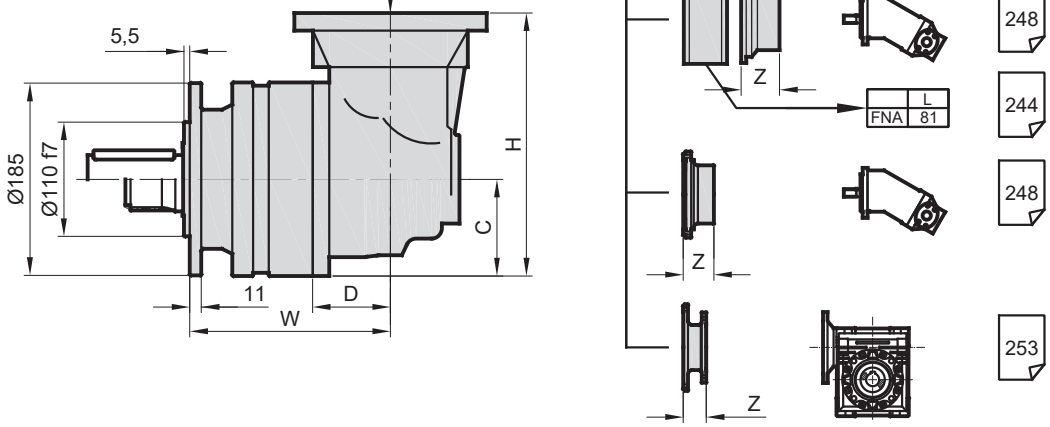
PD/PDA 103



PD..



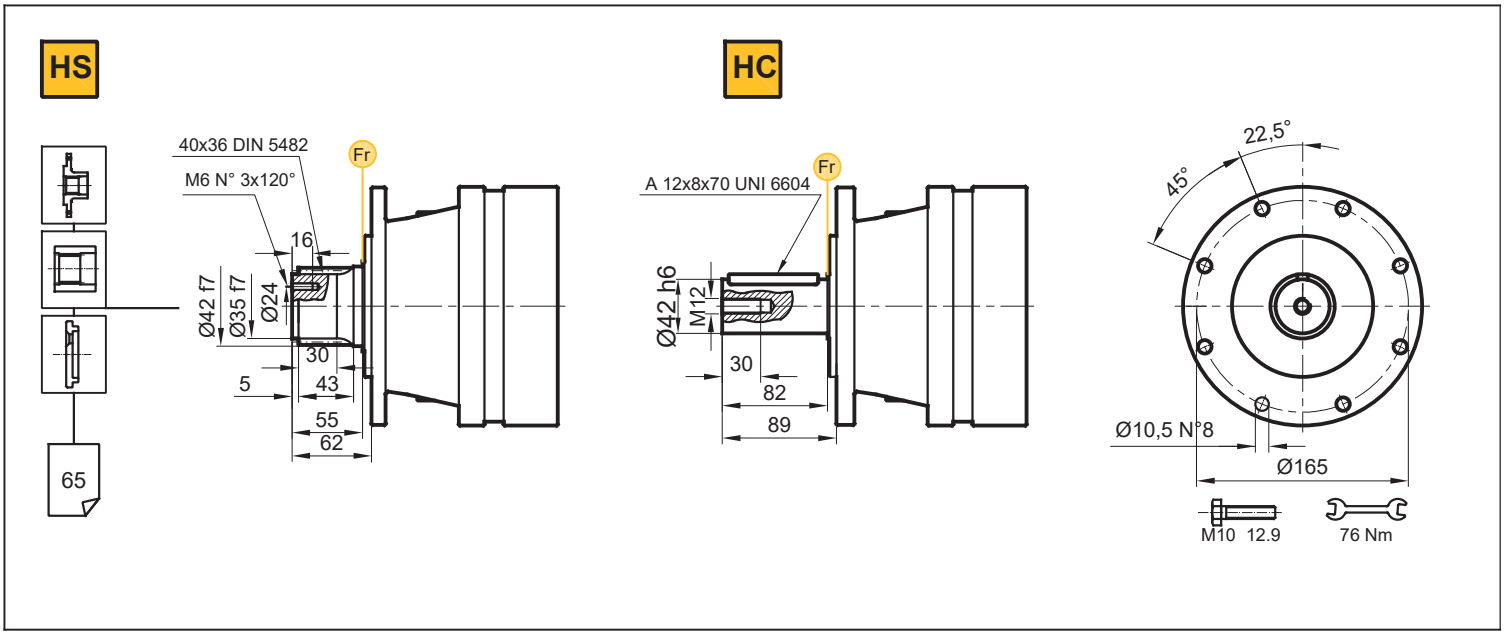
PDA..

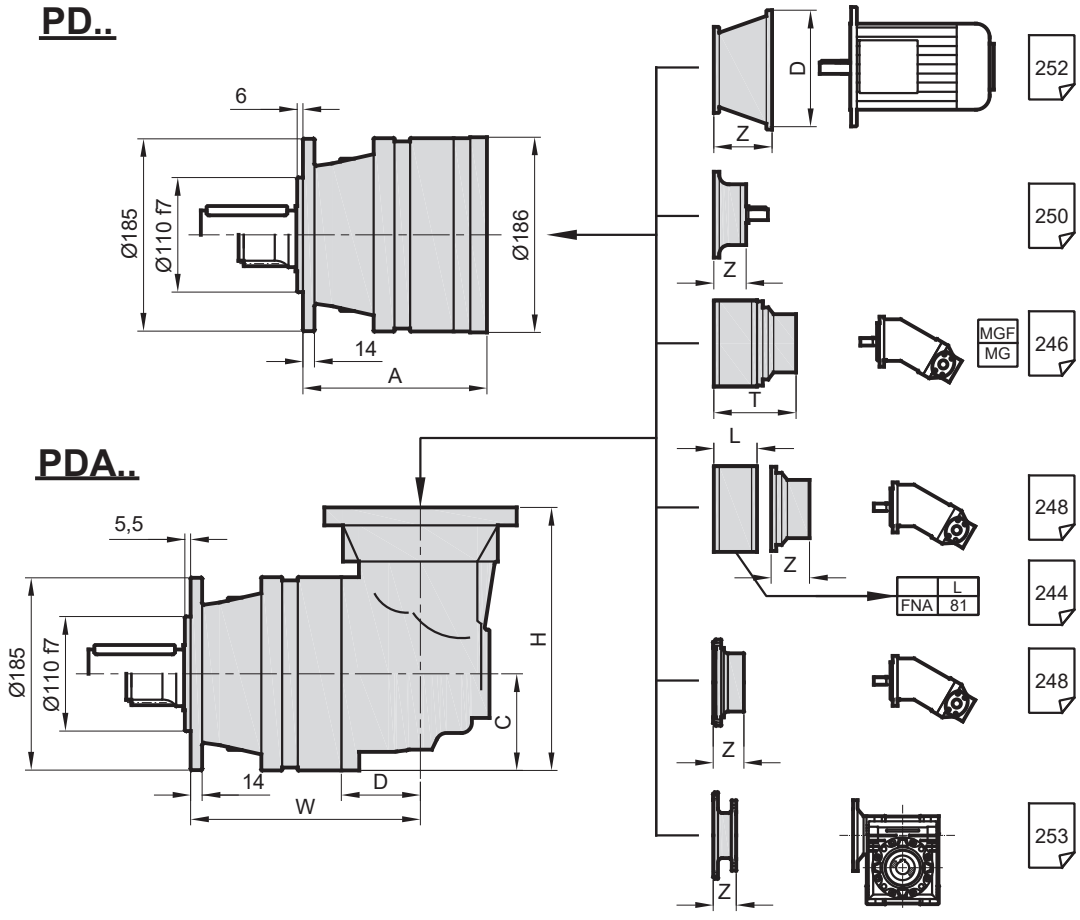


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	118	15,4	-
S2	193	75	92,5	253,5	166	21,6	32,6
S3	241	75	92,5	253,5	214	27,9	38,8
S4	289	75	92,5	253,5	262	34,2	45,1

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 103

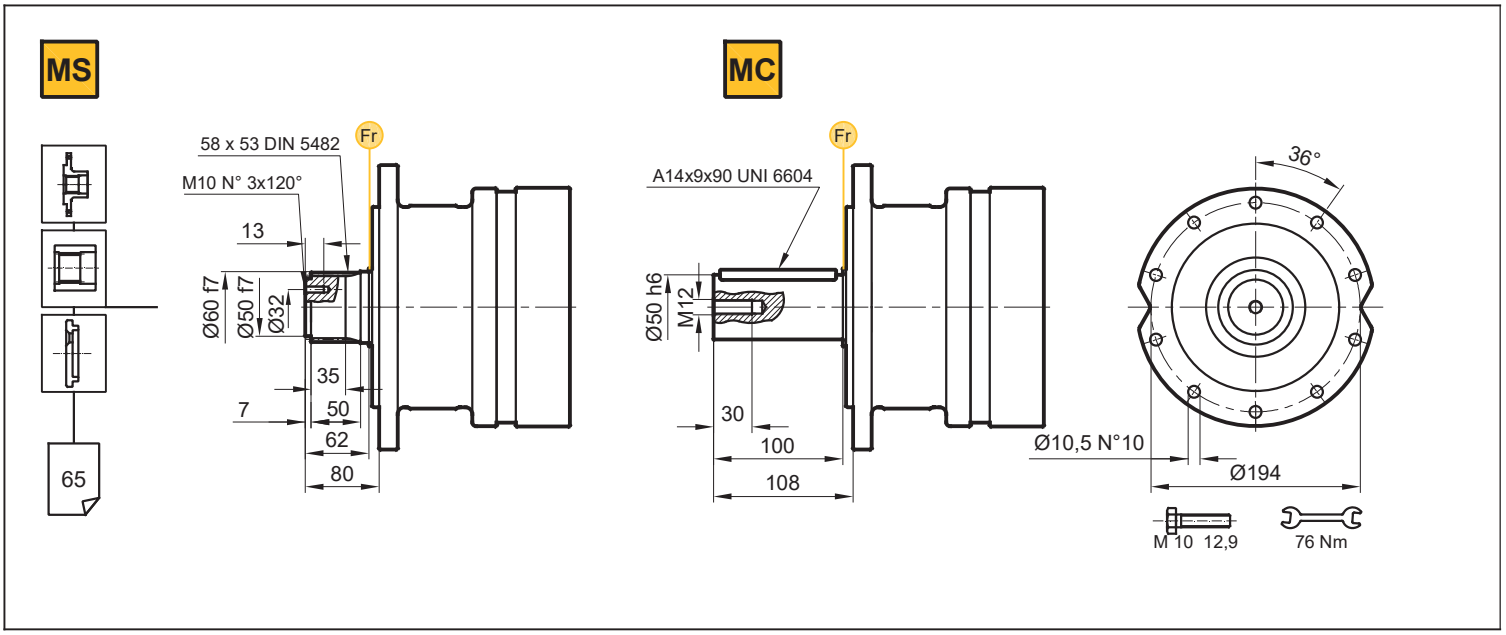


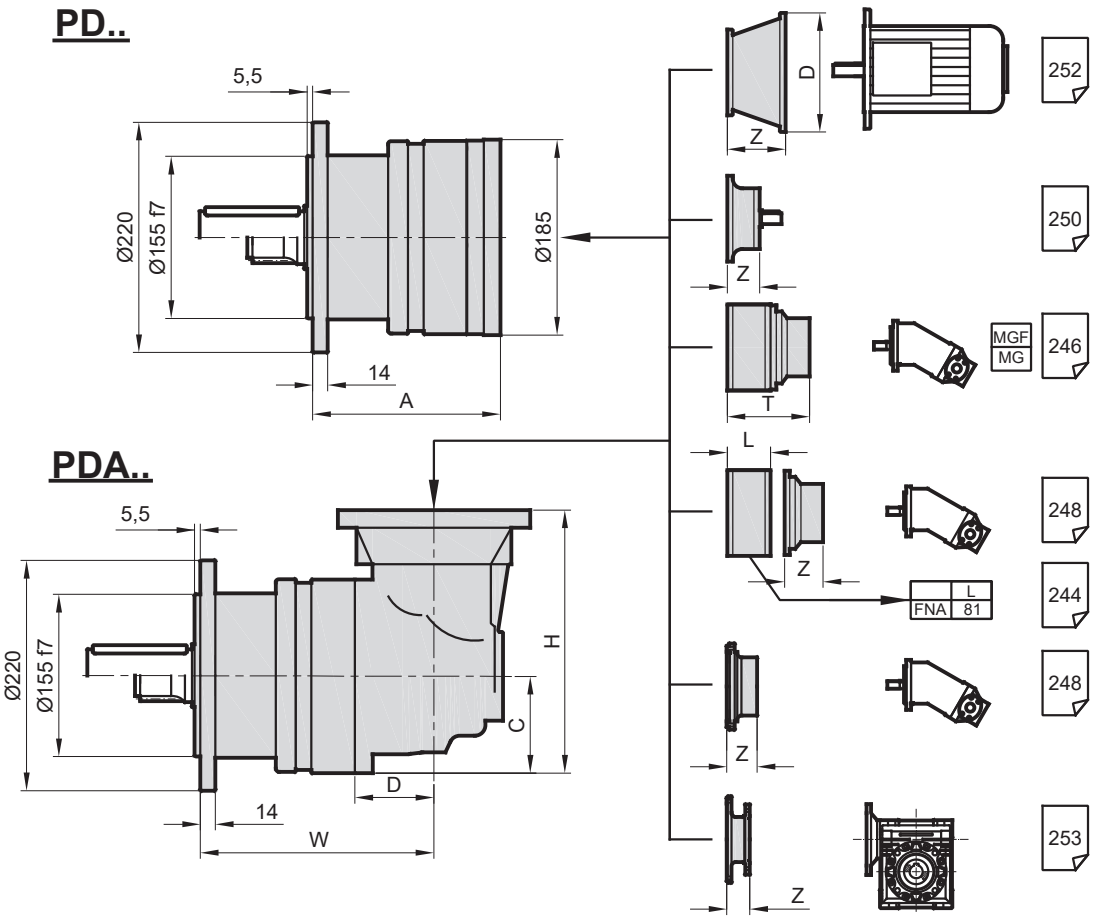


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	148	16,9	-
S2	223	75	92,5	253,5	196	23,2	34,1
S3	271	75	92,5	253,5	244	29,6	40,4
S4	319	75	92,5	253,5	292	35,8	46,8

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 103



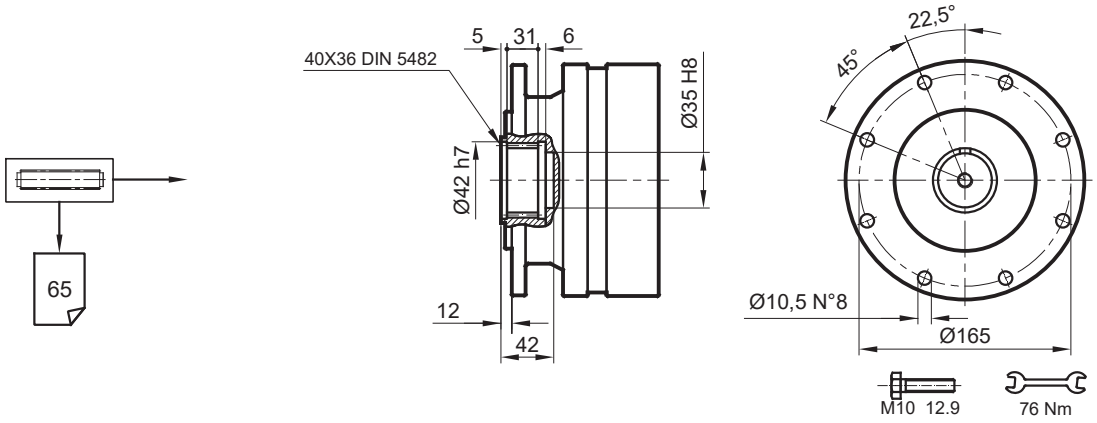


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	148	19,3	-
S2	223	75	92,5	253,5	196	25,6	36,5
S3	271	75	92,5	253,5	244	31,9	42,8
S4	319	75	92,5	253,5	292	38,2	49,1

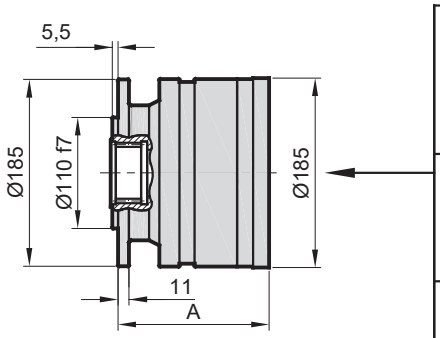
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 103

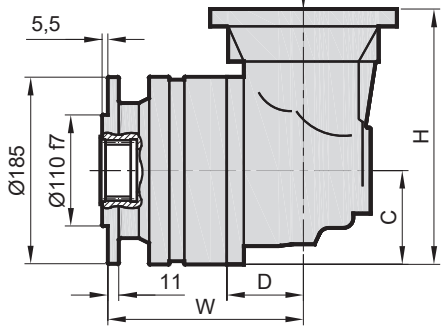
SF

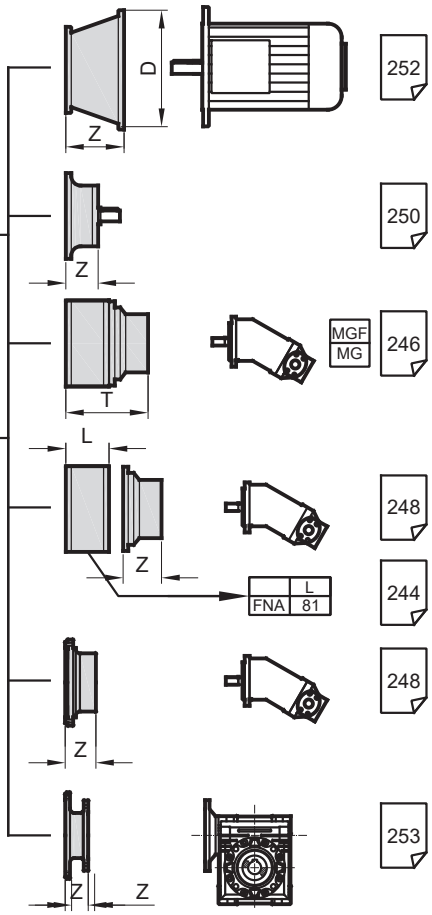


PD..



PDA..

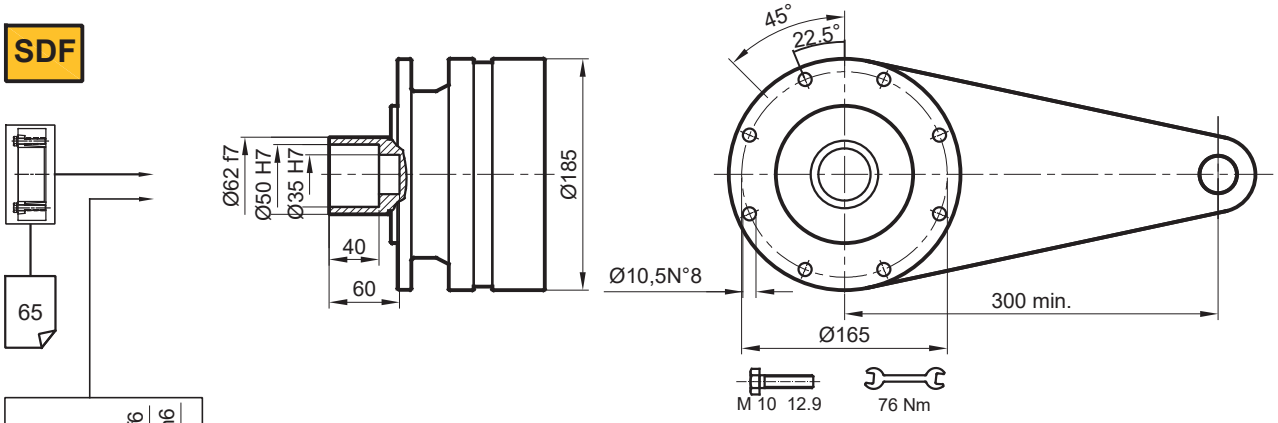




Stage	W	D	C	H	A	PD / SF	PDA / SF
S1	-	-	-	-	118	13,6	-
S2	193	75	92,5	253,5	166	19,4	30,8
S3	241	75	92,5	253,5	214	26,3	36,6
S4	289	75	92,5	253,5	262	32,5	43,5

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

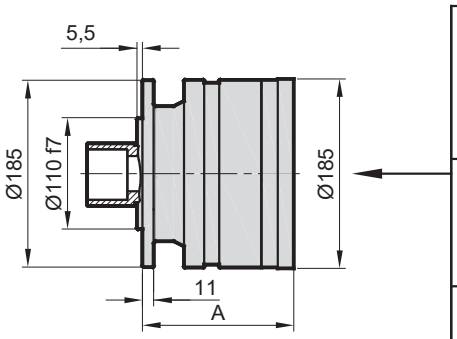
PD/PDA 103



M_{max} = 2.5kNm

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..



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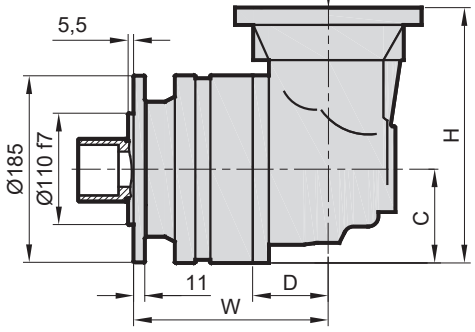
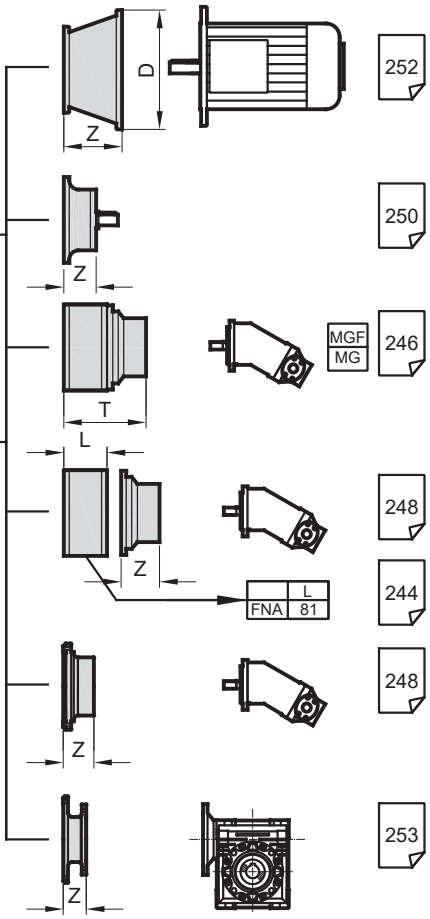


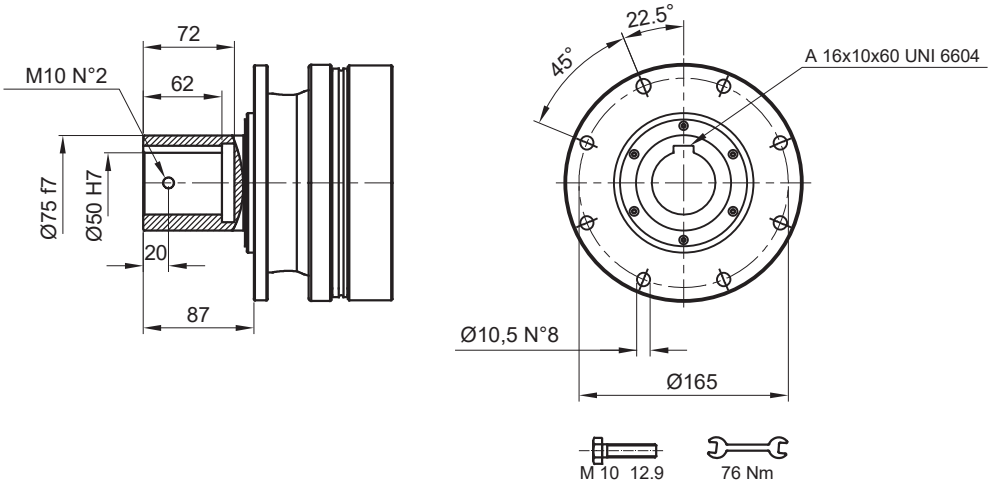


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	118	15	-
S2	193	75	92,5	253,5	166	21,3	32,2
S3	241	75	92,5	253,5	214	27,5	38,4
S4	289	75	92,5	253,5	262	33,8	44,6

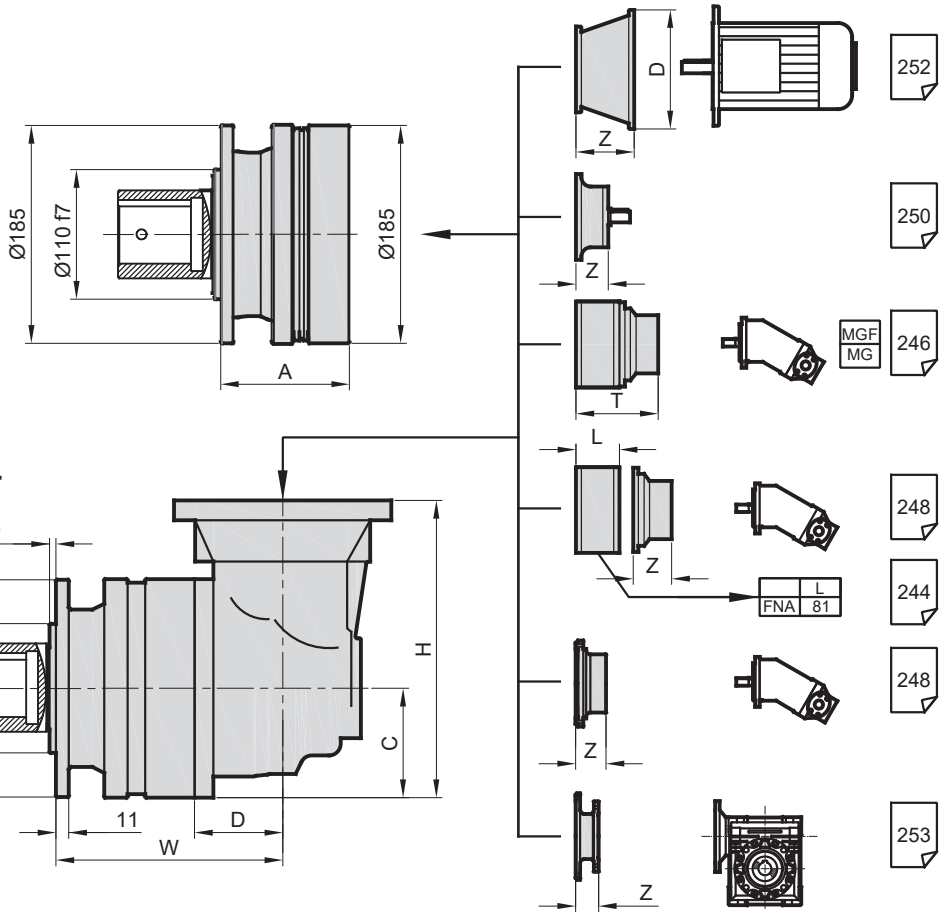
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 103

DKM



PD..

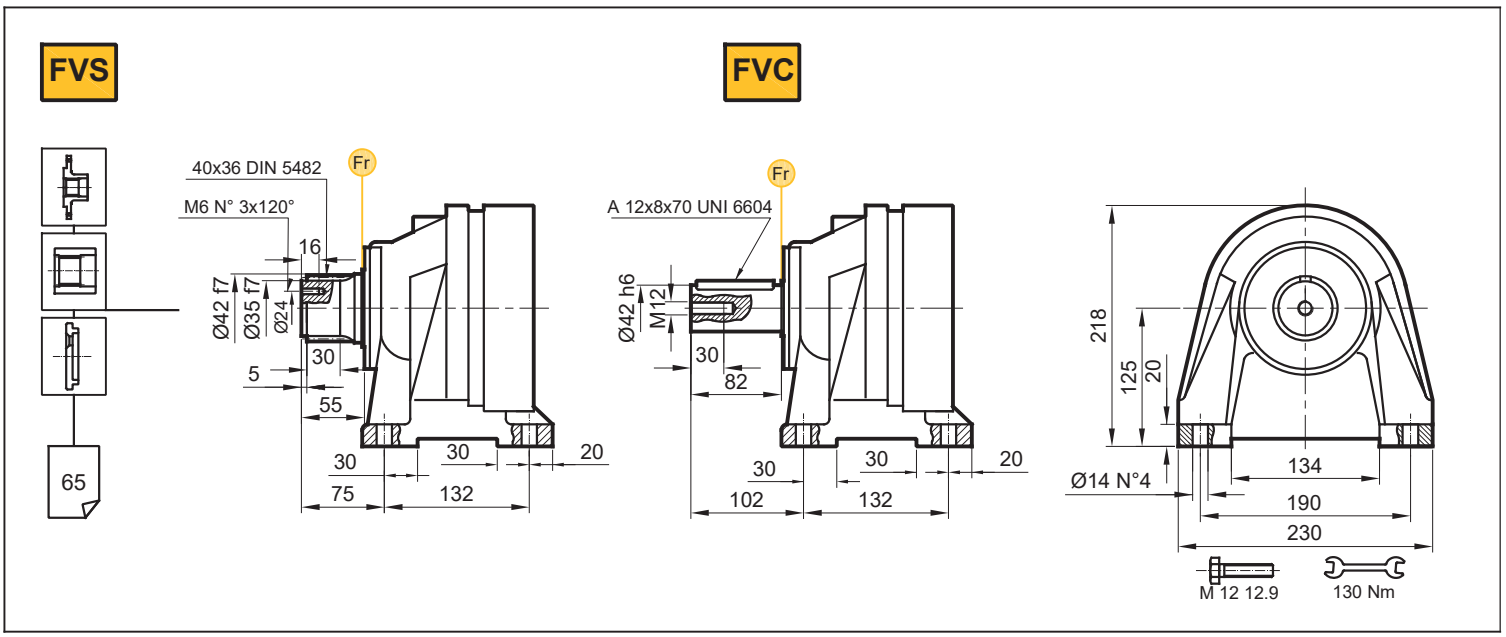


PDA..

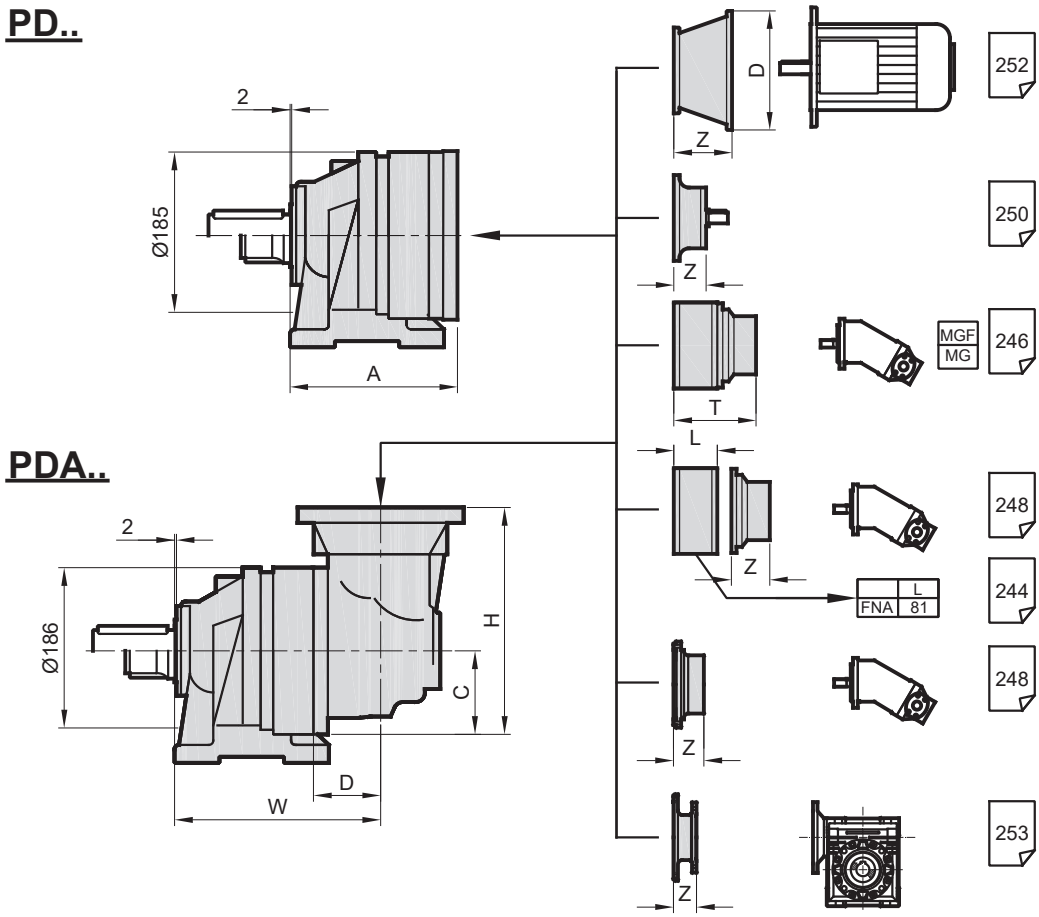
Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	118	15,8	-
S2	193	75	92,5	253,5	166	22,1	33
S3	241	75	92,5	253,5	214	28,4	39,3
S4	289	75	92,5	253,5	262	34,7	45,6

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 103



PD..



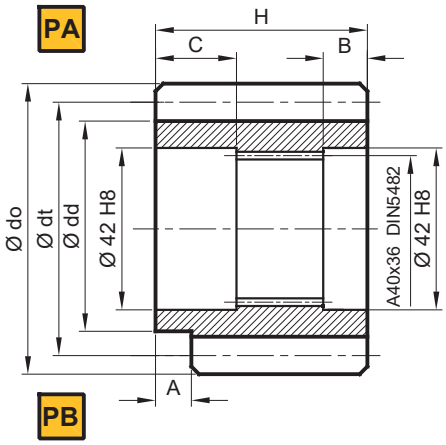
PDA..

Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	157	19,1	-
S2	233	75	92,5	253,5	205	25,4	36,3
S3	281	75	92,5	253,5	253	31,7	42,6
S4	329	75	92,5	253,5	301	38	48,9

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

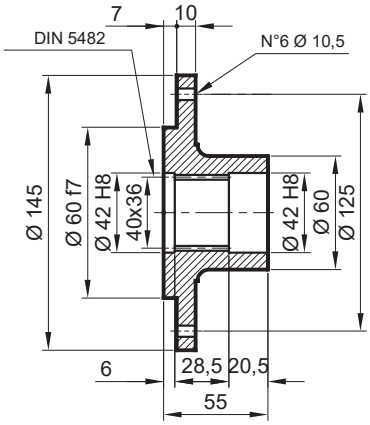
PD/PDA 103

P *Pinyon / Pinion / Ritzel*

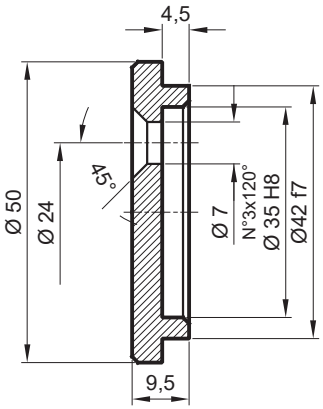


	m	z	x	dt	dd	do	H	A	B	C	Malzeme Material Material
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	42CrMo4
PA	6	12	0,250	72	61	62,5	59	14	4	54	42CrMo4
PB	6	14	0,500	84	73	62,5	65	0	10	54	42CrMo4

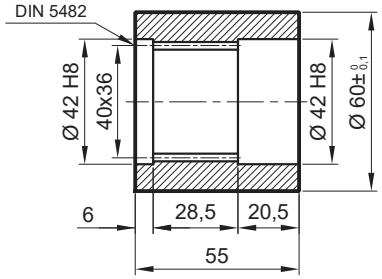
FL Flanş / *Flange* / Flansch



SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



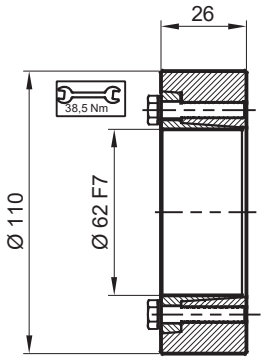
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse



Malzeme /Material
Material

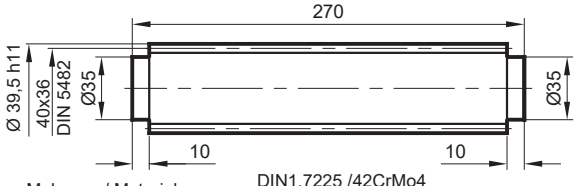
DIN 1.7225
42CrMo4

SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
2,5 kNm

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

DIN1.7225 /42CrMo4
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

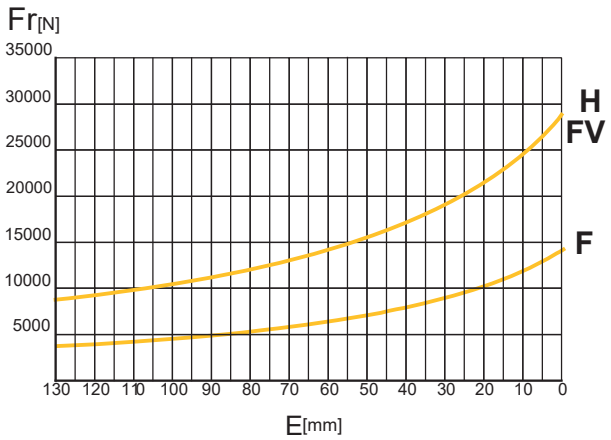
PD/PDA 103

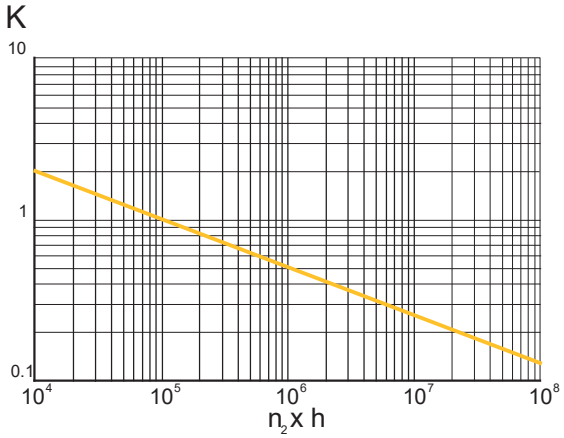
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

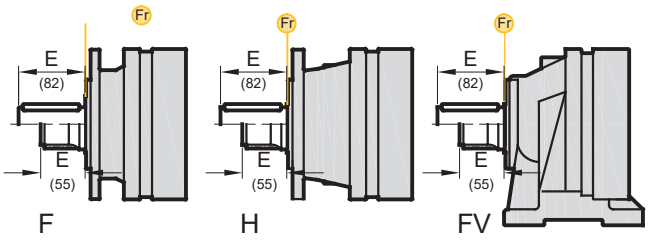
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

F-H-FV





	nxh				
	10^5	10^4	10^6	10^7	10^8
F-H	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]	F	H-FV	
	16000	18000	←
	16000	18000	→