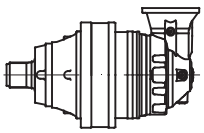
PD 101

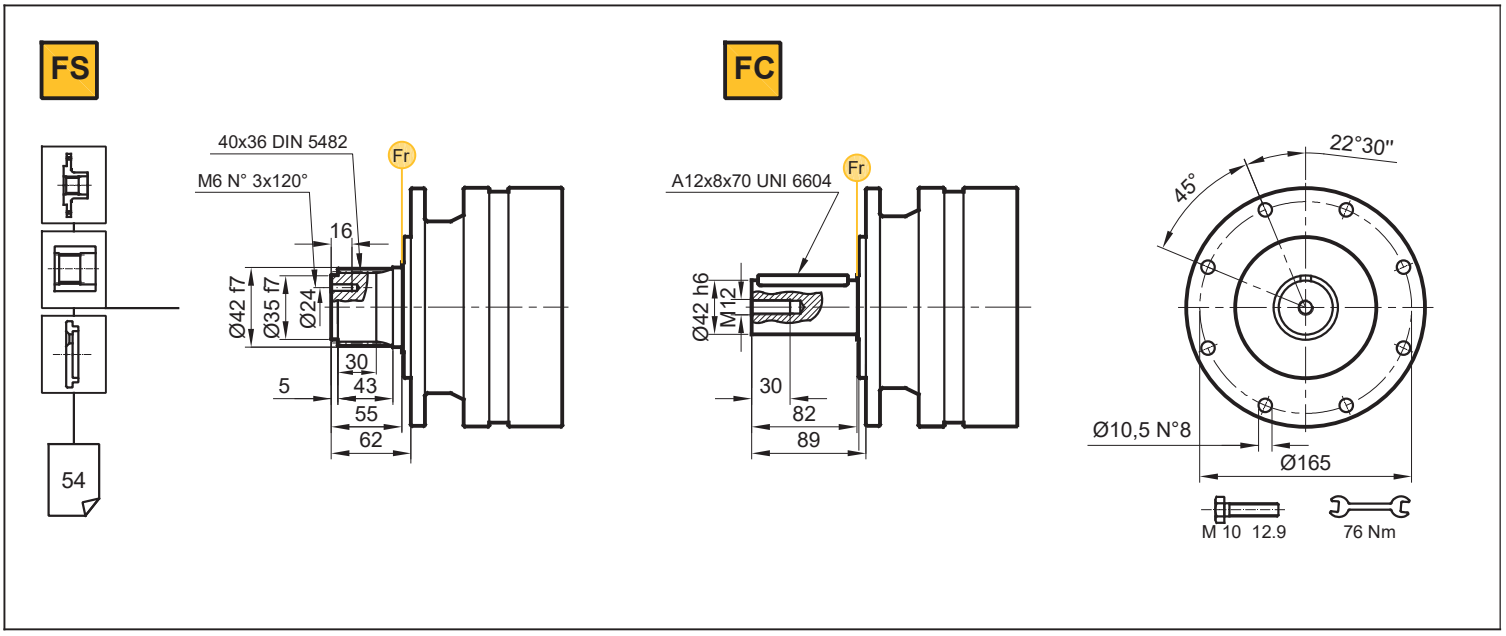
	i	T_2[Nm] n2xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 101 S1	3.55	1244	1100	945	832	2800	2220	12
	4.28	1244	1100	945	832	2800	2220	12
	5.60	901	800	683	601	2800	1590	12
	6.75	799	700	606	539	2800	1402	12
	8.67	512	450	388	343	2800	925	12
PD 101 S2	12.6	1244	1100	945	832	2800	2220	8
	15.2	1244	1100	945	832	2800	2220	8
	19.9	1244	1100	945	832	2800	2220	8
	24.0	1244	1100	945	832	2800	2220	8
	28.9	1244	1100	945	832	2800	2220	8
	31.4	901	800	683	601	2800	1590	8
	37.8	901	800	683	601	2800	1590	8
	45.6	799	700	606	539	2800	1402	8
	58.5	799	700	606	539	2800	1402	8
PD 101 S3	45.0	1244	1100	945	832	2800	2220	5
	54.2	1244	1100	945	832	2800	2220	5
	65.3	1244	1100	945	832	2800	2220	5
	70.8	1244	1100	945	832	2800	2220	5
	78.7	1244	1100	945	832	2800	2220	5
	85.3	1244	1100	945	832	2800	2220	5
	102.8	1244	1100	945	832	2800	2220	5
	111.5	1244	1100	945	832	2800	2220	5
	134.4	1244	1100	945	832	2800	2220	5
	162.0	1244	1100	945	832	2800	2220	5
	172.6	1244	1100	945	832	2800	2220	5
	208.0	901	1100	683	601	2800	1590	5
	211.6	901	800	683	601	2800	1590	5
	250.7	1244	1100	945	832	2800	2220	5
	255.2	901	800	683	601	2800	1590	5
	271.7	901	800	683	601	2800	1590	5
	307.6	799	700	606	539	2800	1402	5
	327.6	901	800	683	601	2800	1590	5
	394.9	799	700	606	539	2800	1402	5
PD 101 S4	337.1	1244	1100	945	832	2800	2220	1.5
	365.7	1244	1100	945	832	2800	2220	1.5
	396.5	1244	1100	945	832	2800	2220	1.5
	440.7	1244	1100	945	832	2800	2220	1.5
	477.9	1244	1100	945	832	2800	2220	1.5
	531.1	1244	1100	945	832	2800	2220	1.5
	575.9	1244	1100	945	832	2800	2220	1.5
	624.4	1244	1100	945	832	2800	2220	1.5
	694.2	1244	1100	945	832	2800	2220	1.5
	752.6	1244	1100	945	832	2800	2220	1.5
	836.6	1244	1100	945	832	2800	2220	1.5
	907.1	1244	1100	945	832	2800	2220	1.5
	966.4	1244	1100	945	832	2800	2220	1.5
	1093.5	1244	1100	945	832	2800	2220	1.5
	1144.4	1244	1100	945	832	2800	2220	1.5
	1185.4	901	800	683	601	2800	1590	1.5
	1317.8	1244	1100	945	832	2800	2220	1.5
	1404.0	1244	1100	945	832	2800	2220	1.5
	1522.0	901	800	683	601	2800	1590	1.5
	1692.0	1244	1100	683	832	2800	2220	1.5

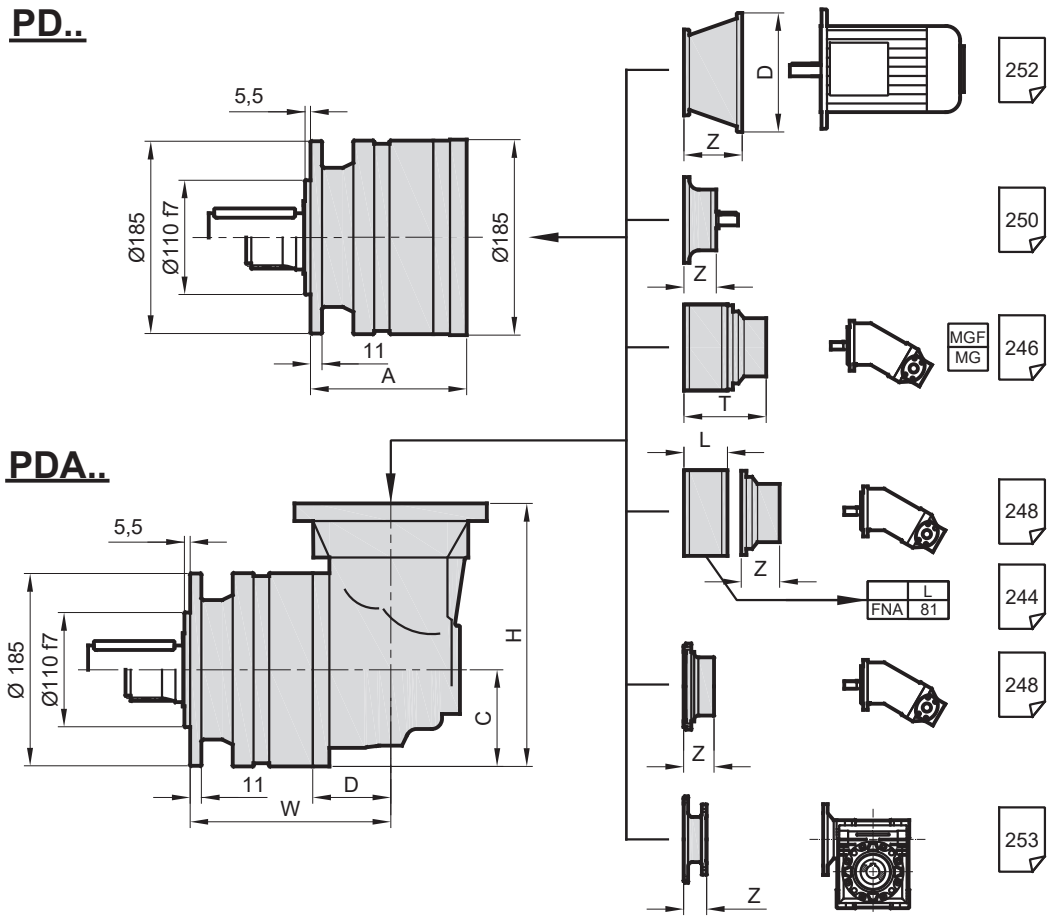
PDA 101

	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 101 S2	10.4	1244	1100	945	832	2800	2220	8
	12.6	1244	1100	945	832	2800	2220	8
	16.4	901	800	683	601	2800	1590	8
	19.8	799	700	606	539	2800	1402	8
PDA 101 S3	37.0	1244	1100	945	832	2800	2220	5
	44.6	1244	1100	945	832	2800	2220	5
	53.8	1244	1100	945	832	2800	2220	5
	58.4	1244	1100	945	832	2800	2220	5
	70.3	1244	1100	945	832	2800	2220	5
	84.8	1244	1100	945	832	2800	2220	5
	91.9	901	800	683	601	2800	1590	5
	110.8	901	800	683	601	2800	1590	5
	133.5	799	700	606	539	2800	1402	5
	171.4	799	700	606	539	2800	1402	5
PDA 101 S4	131.7	1244	1100	945	832	2800	2220	1.5
	158.7	1244	1100	945	832	2800	2220	1.5
	191.3	1244	1100	945	832	2800	2220	1.5
	207.4	1244	1100	945	832	2800	2220	1.5
	230.5	1244	1100	945	832	2800	2220	1.5
	250.0	1244	1100	945	832	2800	2220	1.5
	301.3	1244	1100	945	832	2800	2220	1.5
	326.7	1244	1100	945	832	2800	2220	1.5
	363.1	1244	1100	945	832	2800	2220	1.5
	393.8	1244	1100	945	832	2800	2220	1.5
	474.7	1244	1100	945	832	2800	2220	1.5
	505.6	1244	1100	945	832	2800	2220	1.5
	514.6	901	800	683	601	2800	1590	1.5
	609.4	1244	1100	945	832	2800	2220	1.5
	734.5	1244	1100	945	832	2800	2220	1.5
	796.3	901	800	683	601	2800	1590	1.5
	959.9	901	800	683	601	2800	1590	1.5
	1157.0	799	700	606	539	2800	1402	1.5
	1232.4	901	800	683	601	2800	1590	1.5
	1485.5	799	700	606	539	2800	1402	1.5

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

PD/PDA 101

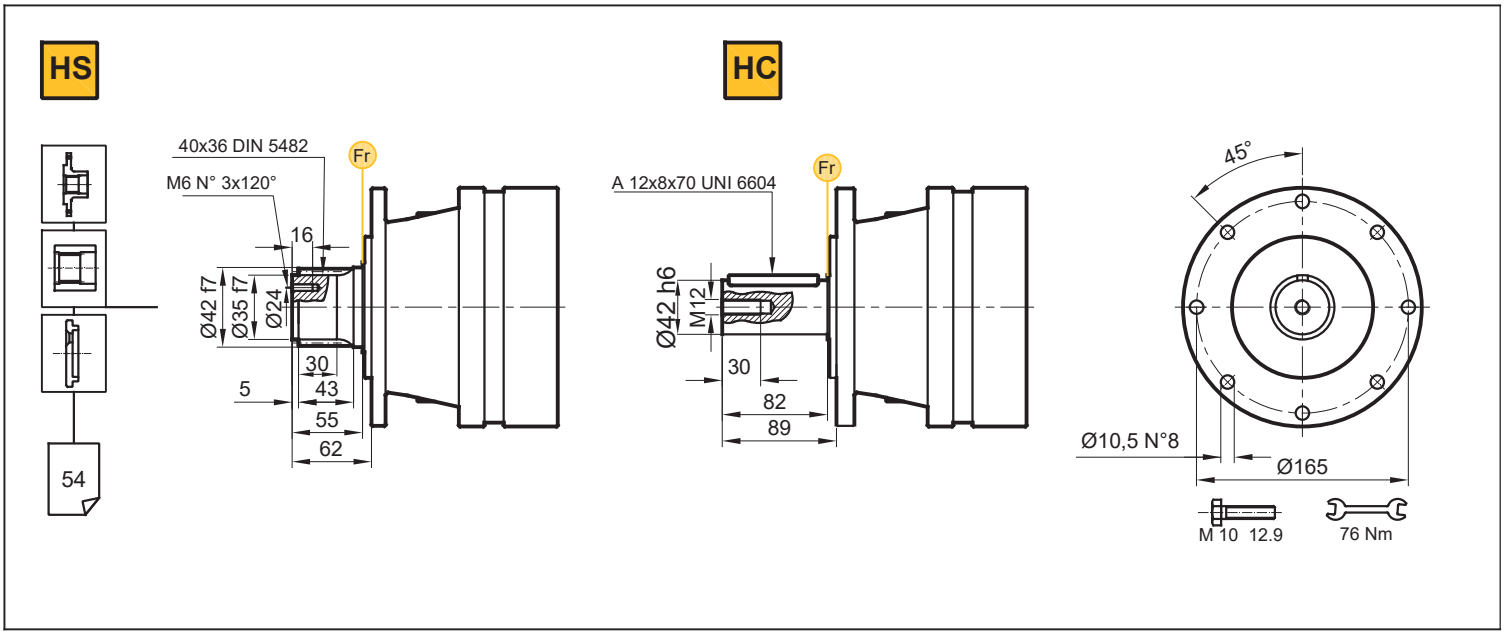


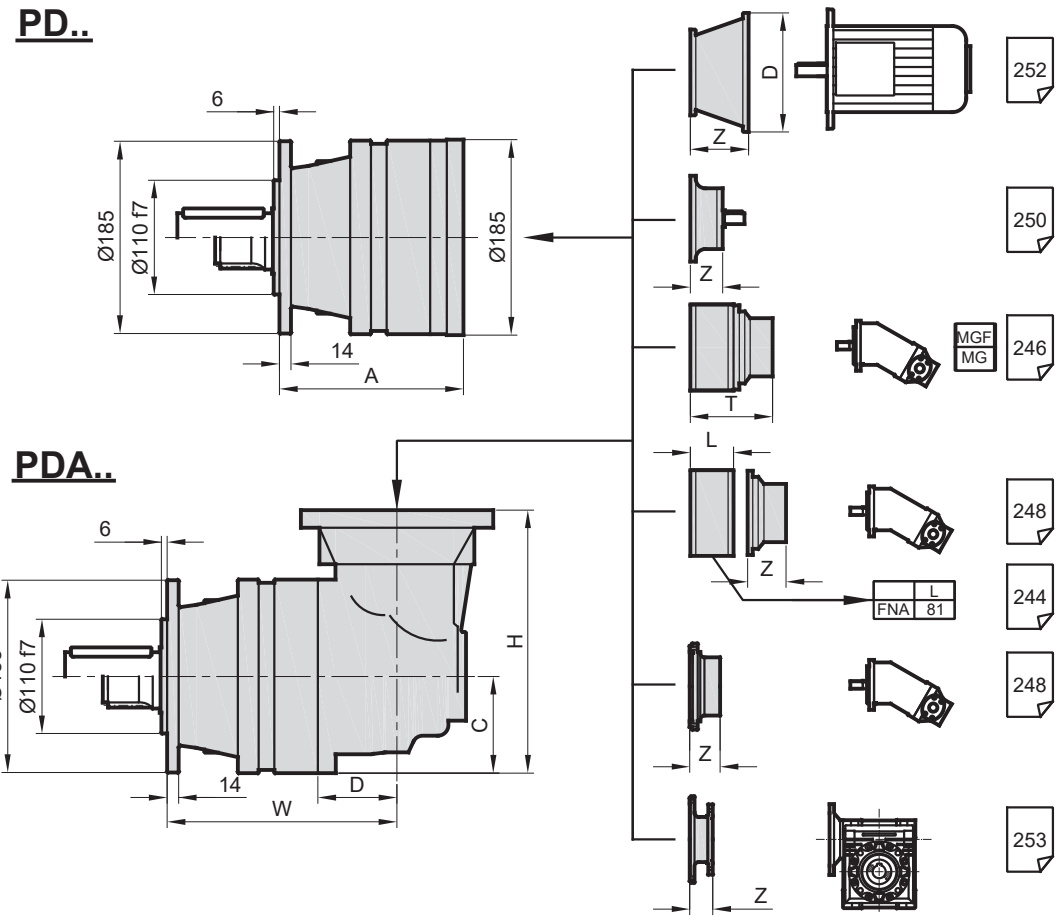


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	105	13,9	-
S2	180	75	92,5	253,5	153	20,1	31,1
S3	228	75	92,5	253,5	201	26,4	37,3
S4	276	75	92,5	253,5	249	32,7	43,6

	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 101

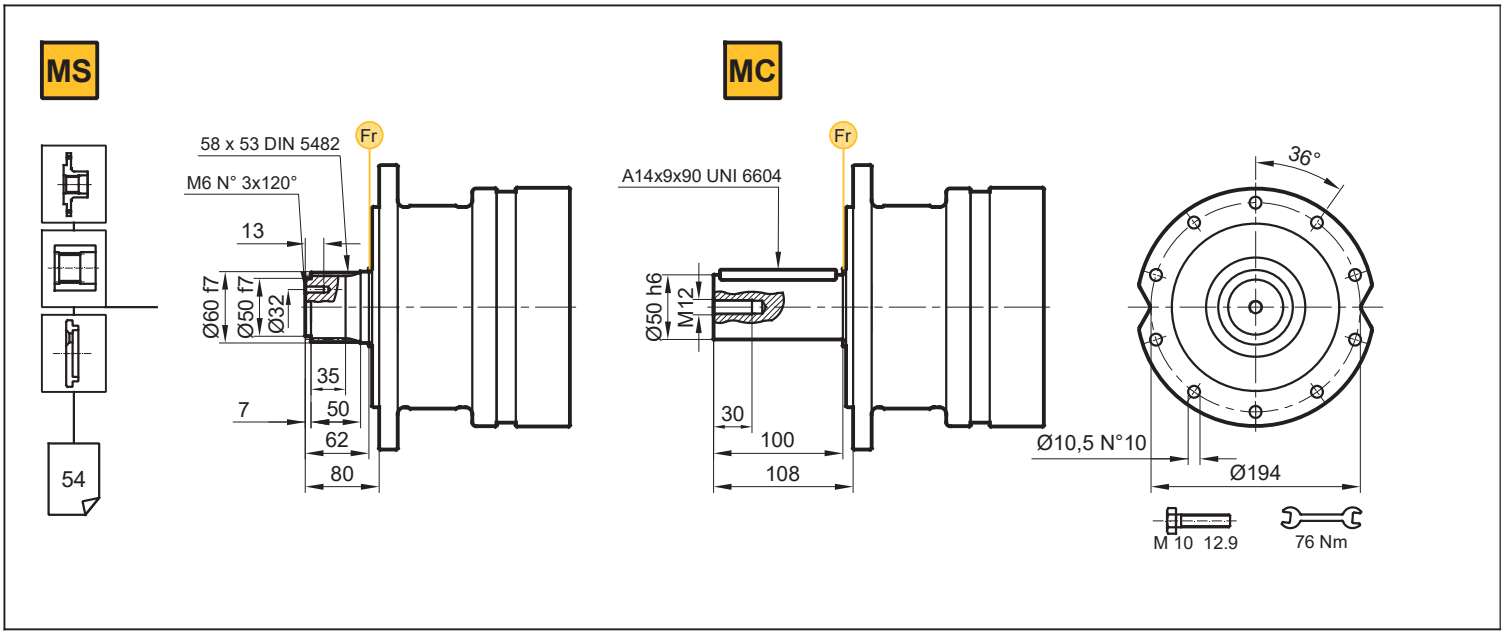


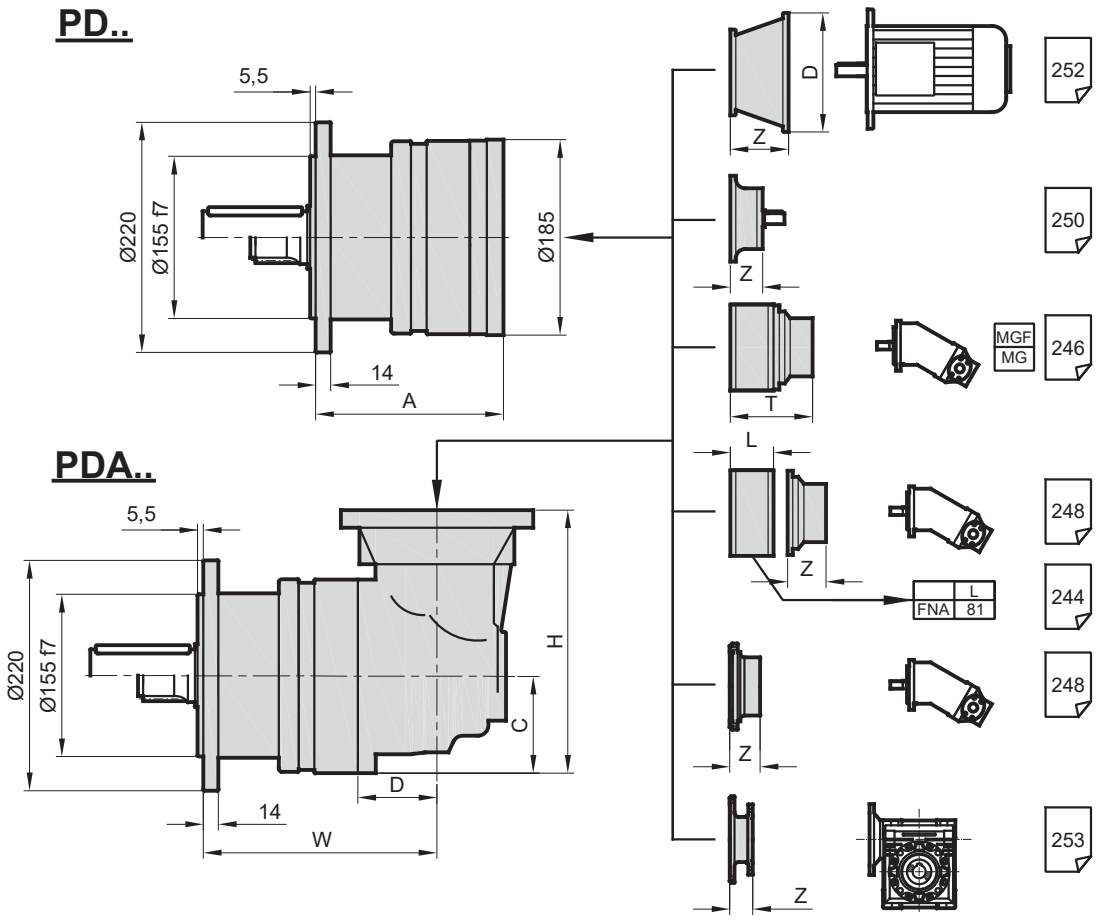


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	135	15,4	-
S2	210	75	92,5	253,5	183	21,7	32,6
S3	258	75	92,5	253,5	231	28,1	38,9
S4	306	75	92,5	253,5	279	34,3	45,3

	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 101



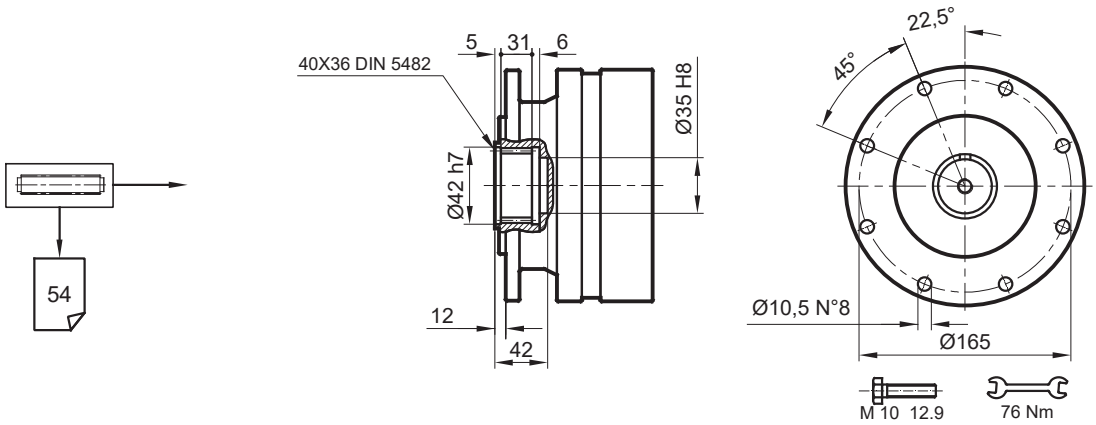


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	135	17,8	-
S2	210	75	92,5	253,5	183	24,1	35
S3	258	75	92,5	253,5	231	30,4	41,3
S4	306	75	92,5	253,5	279	36,7	47,6

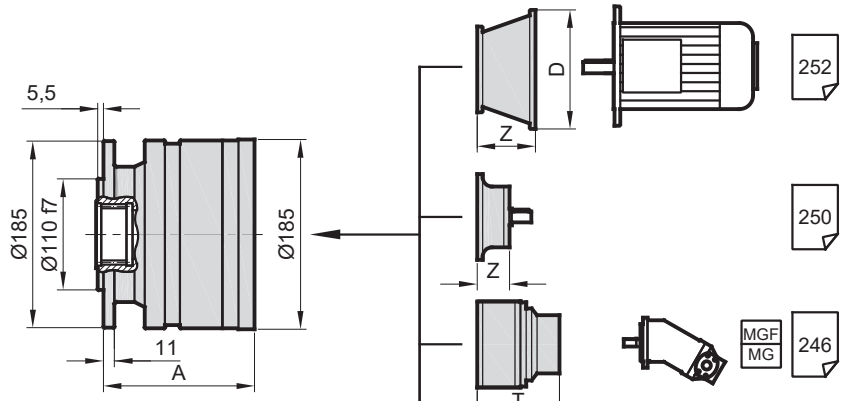
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 101

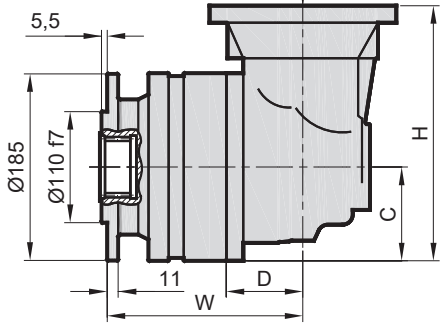
SF



PD..



PDA..

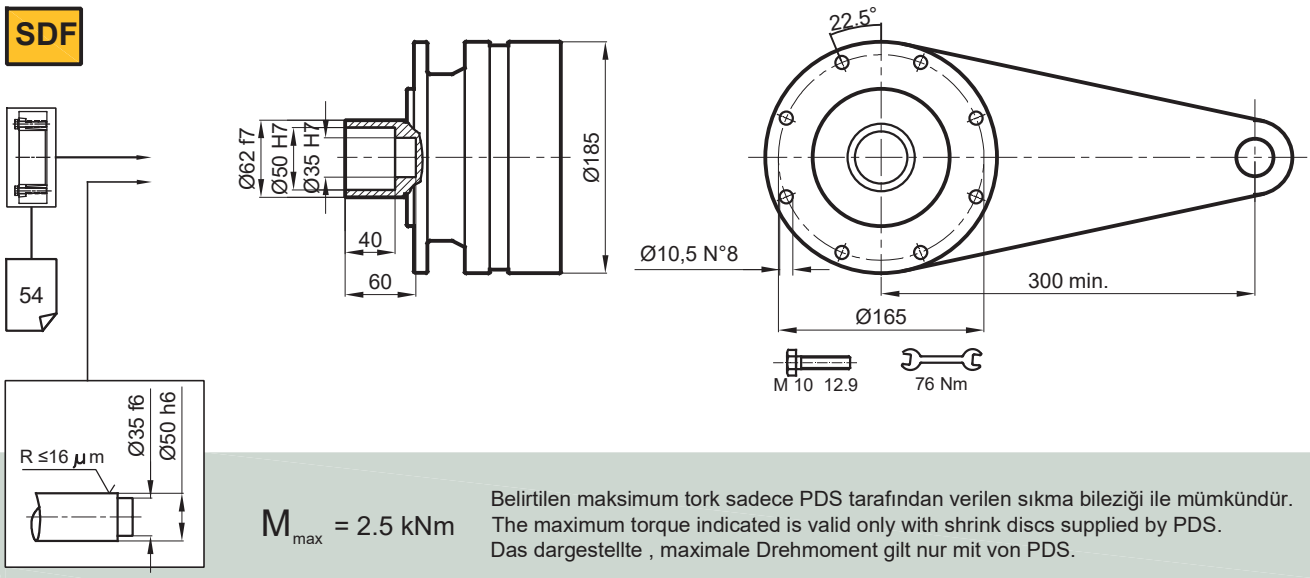


Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	105	12,1	-
S2	180	75	92,5	253,5	153	17,9	29,3
S3	228	75	92,5	253,5	201	24,8	35,1
S4	276	75	92,5	253,5	249	31	42

	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 101

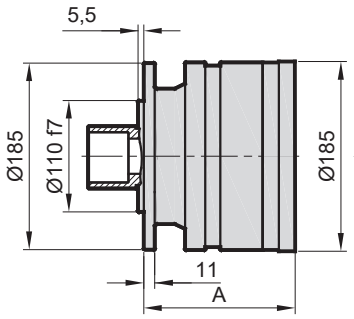
SDF



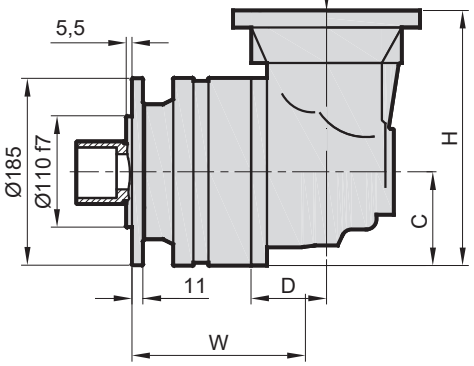
M_{max} = 2.5 kNm

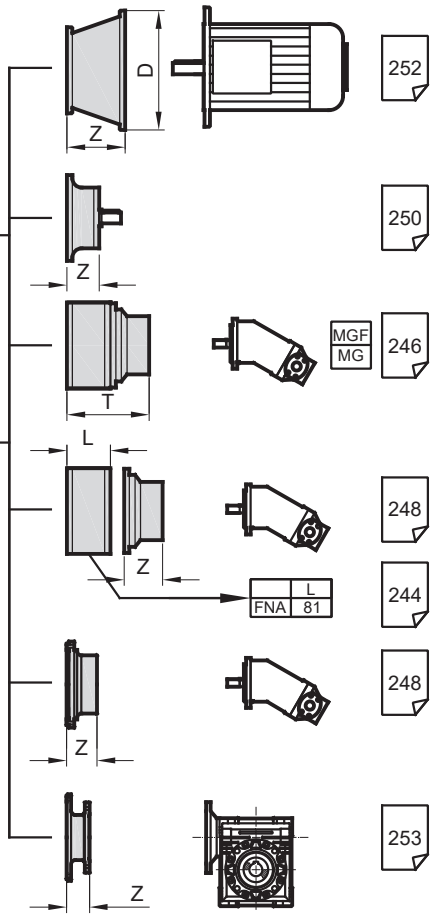
Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bileziği ile mümkündür.
The maximum torque indicated is valid only with shrink discs supplied by PDS.
Das dargestellte , maximale Drehmoment gilt nur mit von PDS.

PD..



PDA..



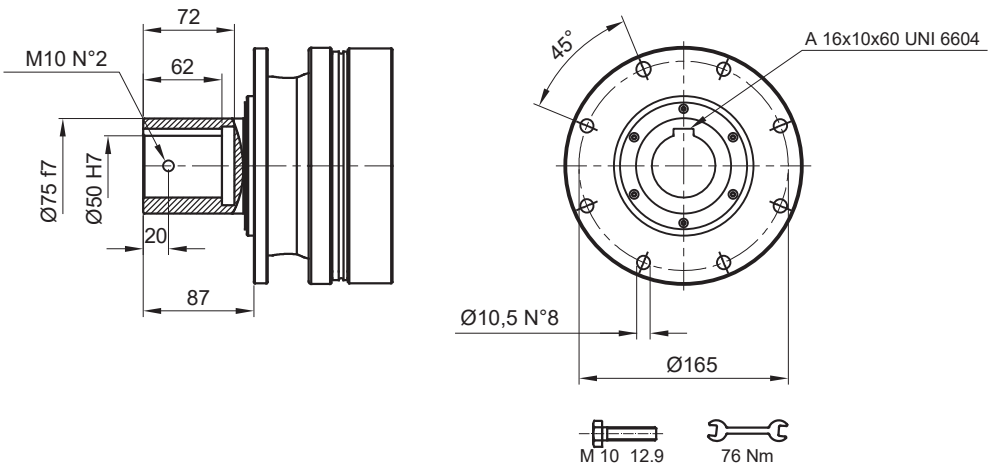


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	105	13,5	-
S2	180	75	92,5	253,5	153	19,7	30,7
S3	228	75	92,5	253,5	201	26	36,9
S4	276	75	92,5	253,5	249	32,3	43,1

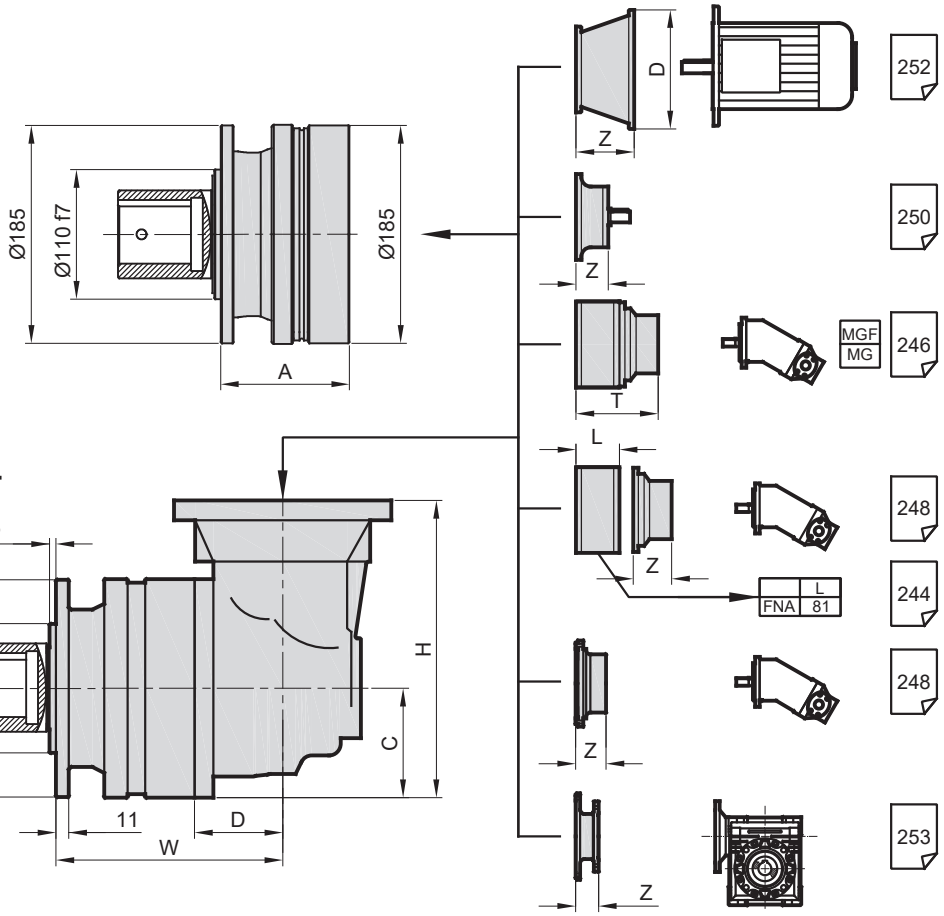
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 101

DKM



PD..



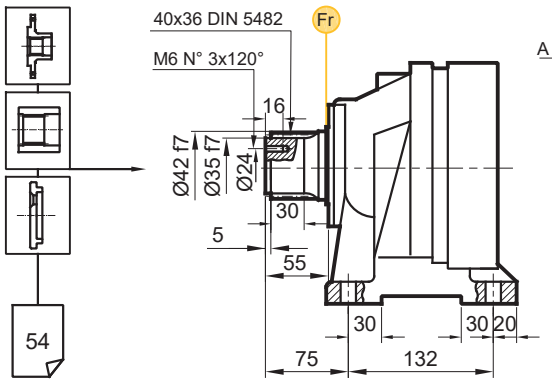
PDA..

Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	105	14,3	-
S2	180	75	92,5	253,5	153	20,6	31,5
S3	228	75	92,5	253,5	201	26,9	37,8
S4	276	75	92,5	253,5	249	33,2	44,1

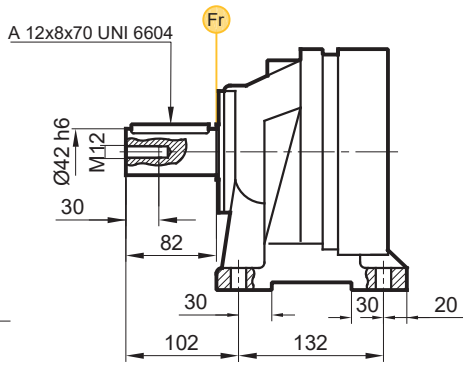
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

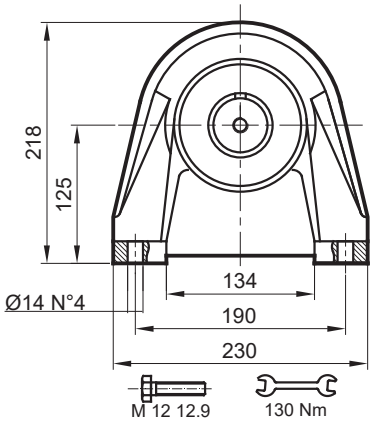
PD/PDA 101

FVS

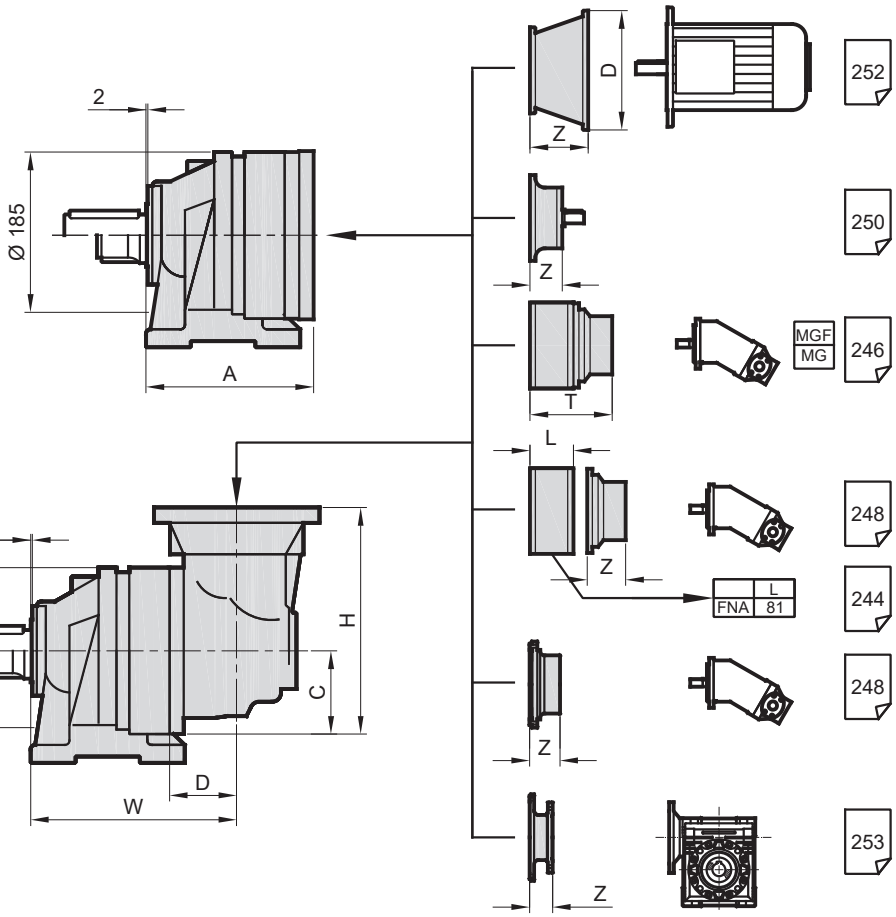


FVC





PD..



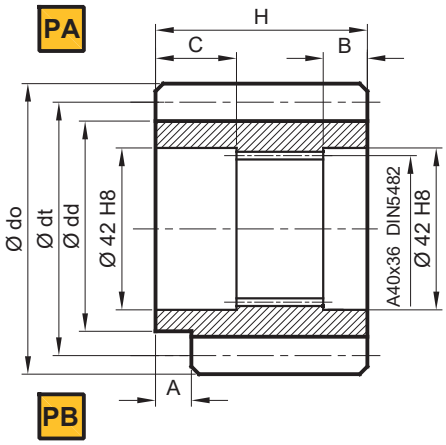
PDA..

Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	144	17,6	-
S2	220	75	92,5	253,5	192	23,9	34,8
S3	268	75	92,5	253,5	240	30,2	41,1
S4	316	75	92,5	253,5	288	36,5	47,4

	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

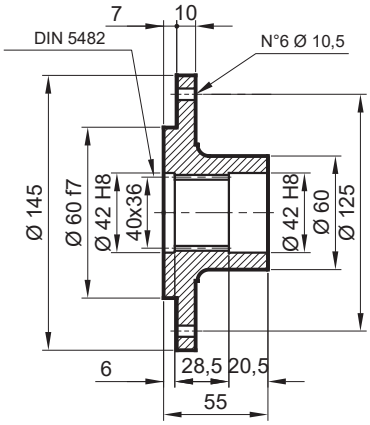
PD/PDA 101

P *Pinyon / Pinion / Ritzel*

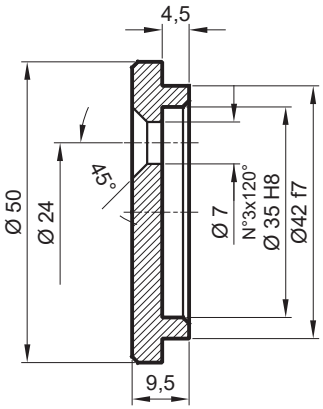


	m	z	x	dt	dd	do	H	A	B	C	Malzeme Material Material
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	42CrMo4
PA	6	12	0,250	72	61	62,5	59	14	4	54	42CrMo4
PB	6	14	0,500	84	73	62,5	65	0	10	54	42CrMo4

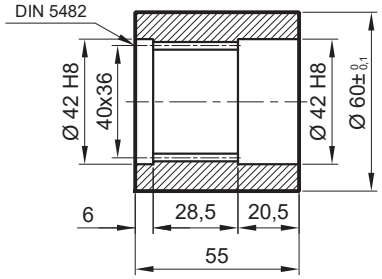
FL Flanş / *Flange* / Flansch



SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



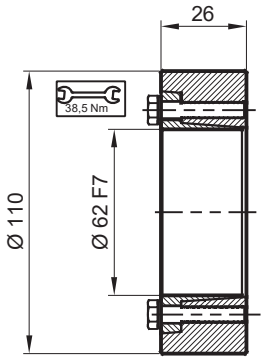
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse



Malzeme / Material
Material

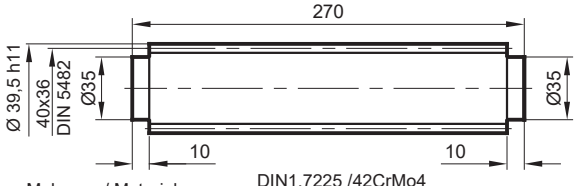
DIN 1.7225
42CrMo4

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

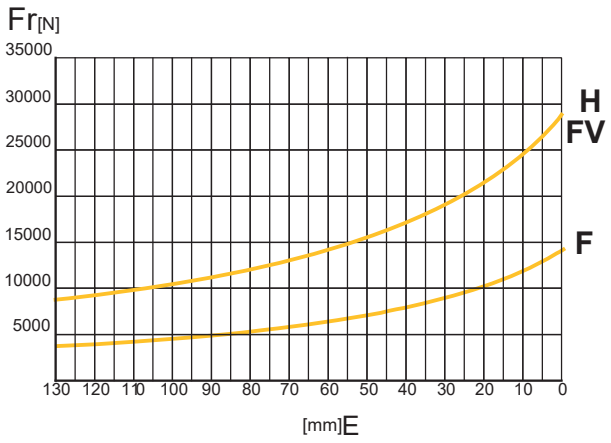
PD/PDA 101

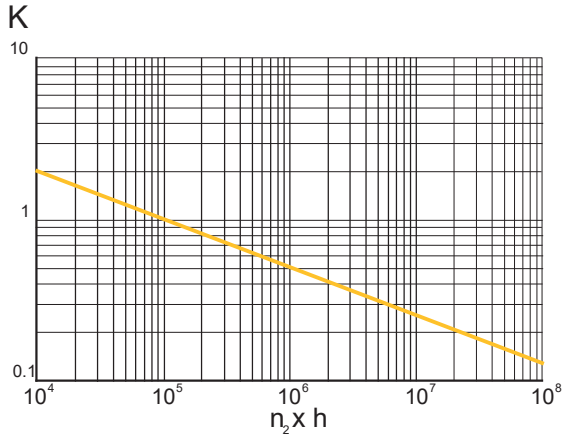
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

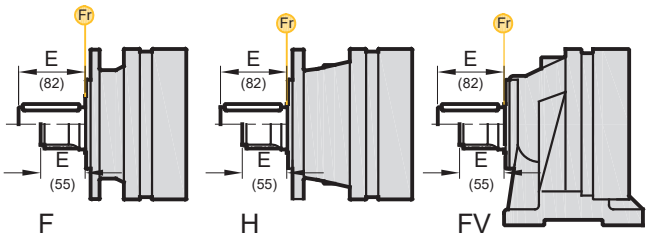
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

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	→