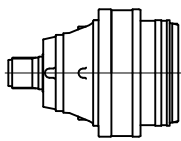
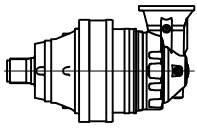


PD 103

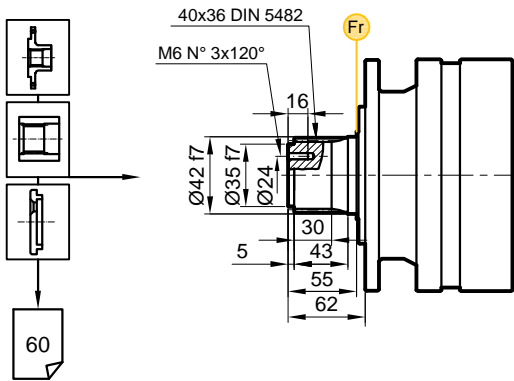
	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n _{2xh}						
		10 000	20 000	50 000	100 000			
PD 103 S1	3.55	1920	1700	1450	1280	2800	3400	12
	4.28	1920	1700	1450	1280	2800	3400	12
	5.60	1370	1210	1030	910	2800	2420	12
	6.75	1130	1000	850	750	2800	2000	12
	8.67	740	650	560	490	2800	1300	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
	23.9	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	54.1	1920	1700	1450	1280	2800	3400	5
	65.3	1920	1700	1450	1280	2800	3400	5
	70.7	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
	134.3	1920	1700	1450	1280	2800	3400	5
	161.9	1920	1700	1450	1280	2800	3400	5
	172.5	1920	1700	1450	1280	2800	3400	5
	207.9	1920	1700	1450	1280	2800	3400	5
	211.6	1370	1210	1030	910	2800	2420	5
	255.1	1370	1210	1030	910	2800	2420	5
	271.7	1370	1210	1030	910	2800	2420	5
	307.5	1130	1000	850	750	2800	2000	5
	327.5	1370	1210	1030	910	2800	2420	5
394.8	1130	1000	850	750	2800	2000	5	
PD 103 S4	337.3	1920	1700	1450	1280	2800	3400	1.5
	365.7	1920	1700	1450	1280	2800	3400	1.5
	396.4	1920	1700	1450	1280	2800	3400	1.5
	440.8	1920	1700	1450	1280	2800	3400	1.5
	477.8	1920	1700	1450	1280	2800	3400	1.5
	531.3	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
	836.8	1920	1700	1450	1280	2800	3400	1.5
	907.1	1920	1700	1450	1280	2800	3400	1.5
	966.3	1920	1700	1450	1280	2800	3400	1.5
	1093.4	1920	1700	1450	1280	2800	3400	1.5
	1144.5	1920	1700	1450	1280	2800	3400	1.5
	1185.4	1370	1210	1030	910	2800	2420	1.5
	1318.0	1920	1700	1450	1280	2800	3400	1.5
	1428.8	1370	1210	1030	910	2800	2420	1.5
1692.3	1920	1700	1450	1280	2800	3400	1.5	
3422.1	1130	1000	850	750	2800	2000	1.5	

PDA 103

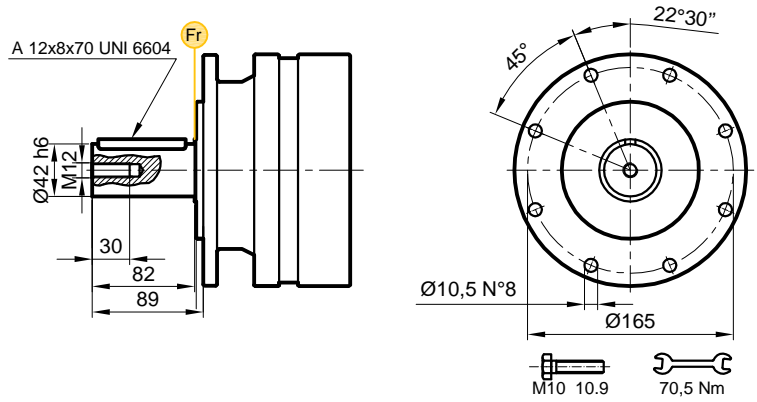
	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n _{2xh}						
		10 000	20 000	50 000	100 000			
PDA 103 S2	10.4	1920	1700	1450	1280	2800	3400	8
	12.5	1920	1700	1450	1280	2800	3400	8
	16.4	1370	1210	1030	910	2800	2420	8
	19.7	1130	1000	850	750	2800	2000	8
PDA 103 S3	37.0	1920	1700	1450	1280	2800	3400	5
	44.6	1920	1700	1450	1280	2800	3400	5
	53.8	1920	1700	1450	1280	2800	3400	5
	58.4	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
	133.6	1130	1000	850	750	2800	2000	5
	171.5	1130	1000	850	750	2800	2000	5
PDA 103 S4	131.8	1920	1700	1450	1280	2800	3400	1.5
	158.9	1920	1700	1450	1280	2800	3400	1.5
	191.5	1920	1700	1450	1280	2800	3400	1.5
	207.6	1920	1700	1450	1280	2800	3400	1.5
	230.8	1920	1700	1450	1280	2800	3400	1.5
	301.7	1920	1700	1450	1280	2800	3400	1.5
	327.0	1920	1700	1450	1280	2800	3400	1.5
	363.6	1920	1700	1450	1280	2800	3400	1.5
	394.2	1920	1700	1450	1280	2800	3400	1.5
	475.1	1920	1700	1450	1280	2800	3400	1.5
	515.3	1370	1210	1030	910	2800	2420	1.5
	572.7	1920	1700	1450	1280	2800	3400	1.5
	610.1	1920	1700	1450	1280	2800	3400	1.5
	735.4	1920	1700	1450	1280	2800	3400	1.5
	797.2	1370	1210	1030	910	2800	2420	1.5
	960.9	1370	1210	1030	910	2800	2420	1.5
	1158.2	1130	1000	850	750	2800	2000	1.5
	1233.7	1370	1210	1030	910	2800	2420	1.5
1487.1	1130	1000	850	750	2800	2000	1.5	

PD/PDA 103

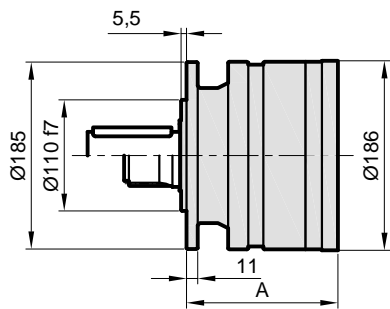
FS



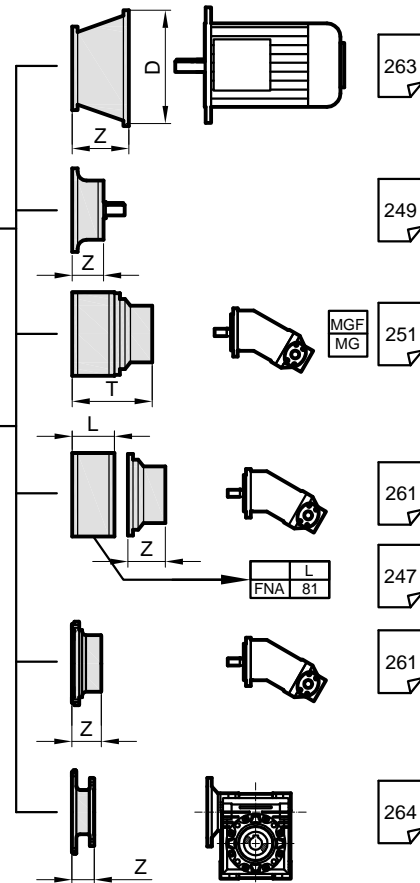
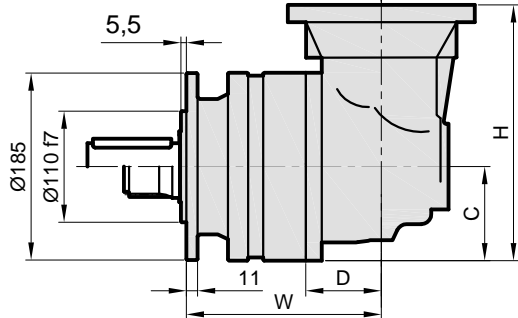
FC



PD..



PDA..

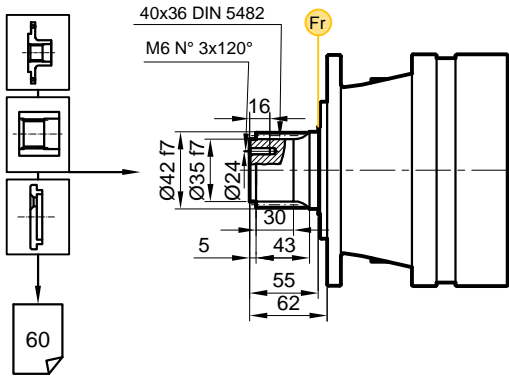


Stage	W	D	C	H	A	PD		PDA	
						F	U	F	U
S1	-	-	-	-	118	15	-	-	
S2	193	75	93	252	166	21	30		
S3	241	75	93	252	214	27	36		
S4	289	75	93	252	262	33	42		

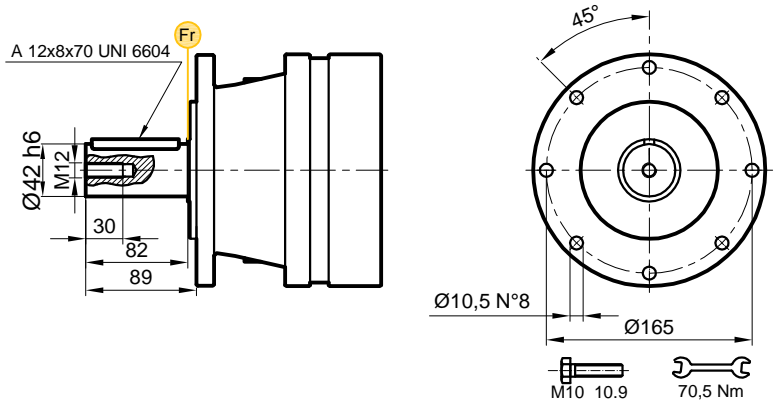
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

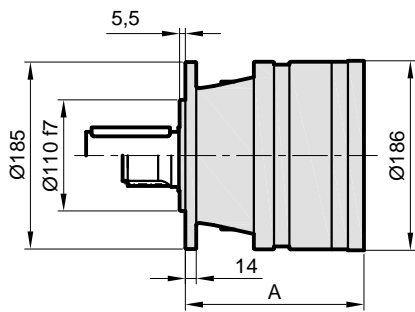
HS



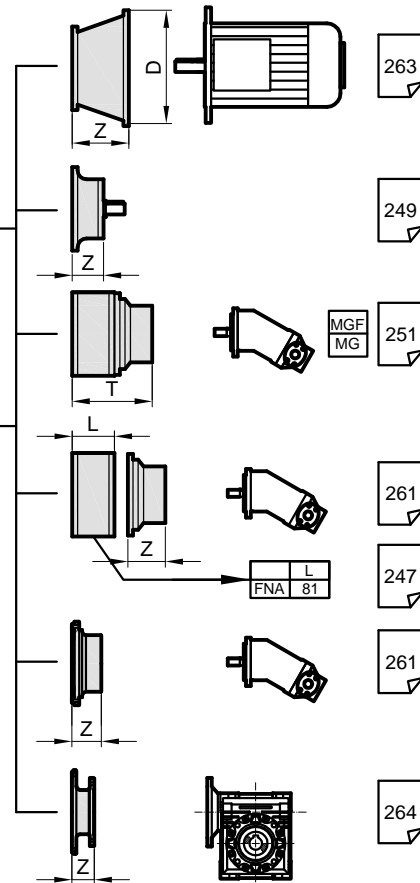
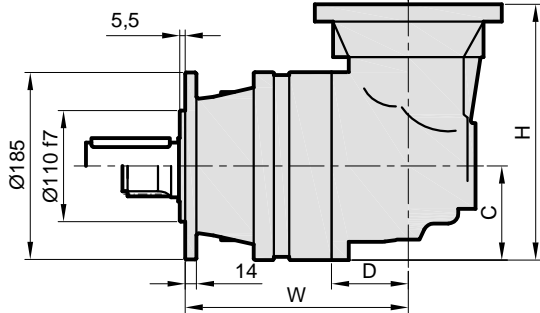
HC



PD..



PDA..

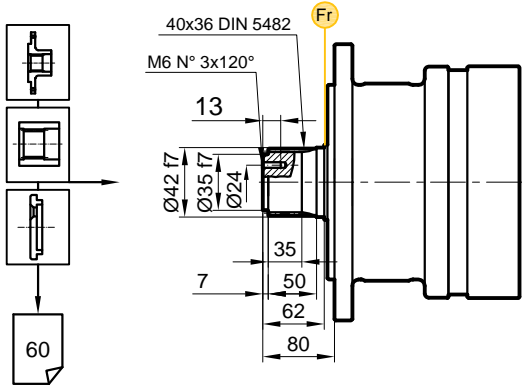


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	148	17	-
S2	223	75	93	252	196	23	32
S3	271	75	93	252	244	29	38
S4	319	75	93	252	292	35	44

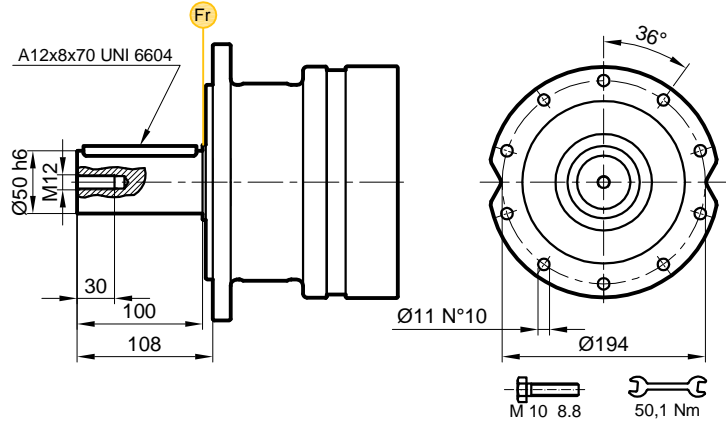
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

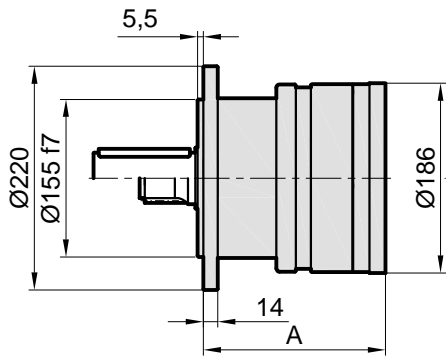
MS



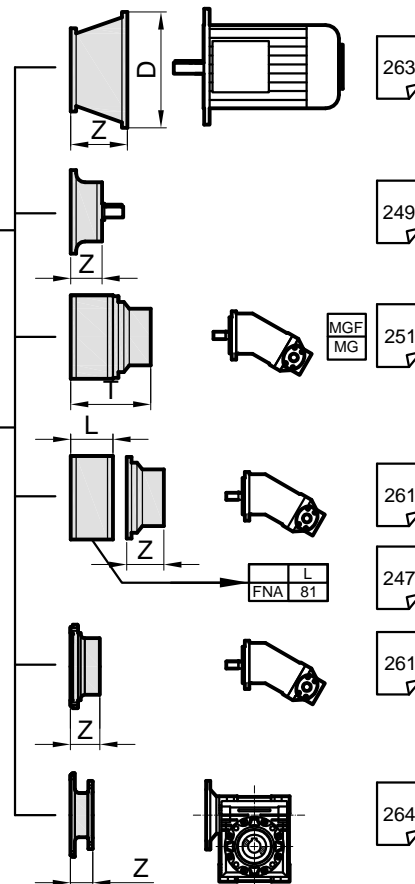
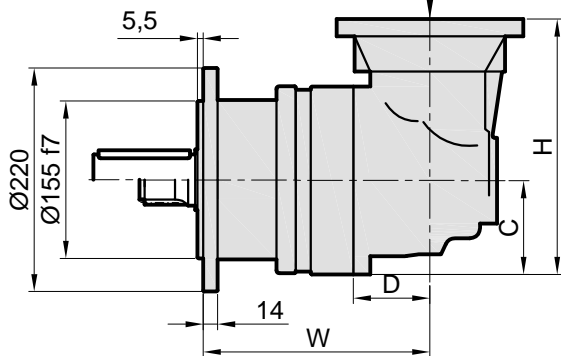
MC



PD..



PDA..

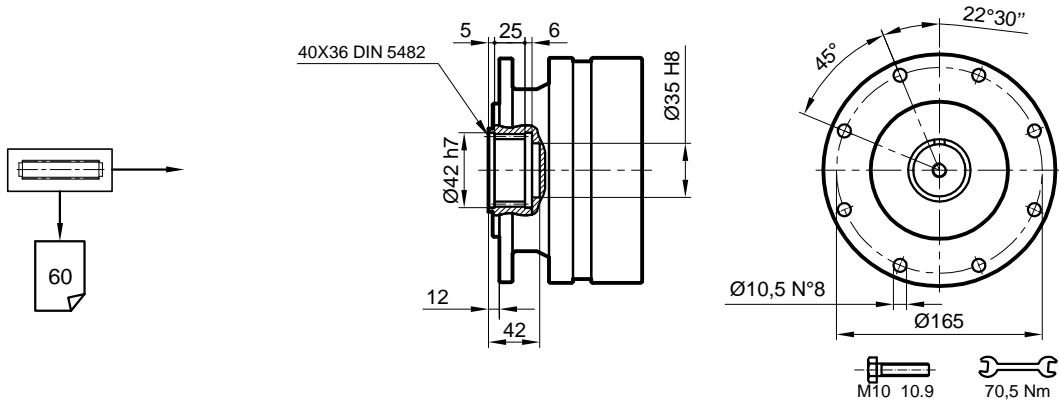


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	135	15	-
S2	210	75	93	252	183	21	30
S3	258	75	93	252	231	27	36
S4	306	75	93	252	279	33	42

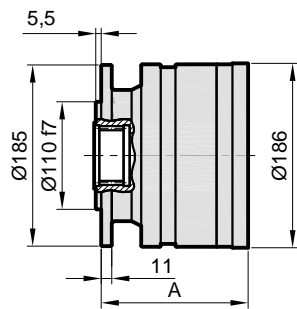
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

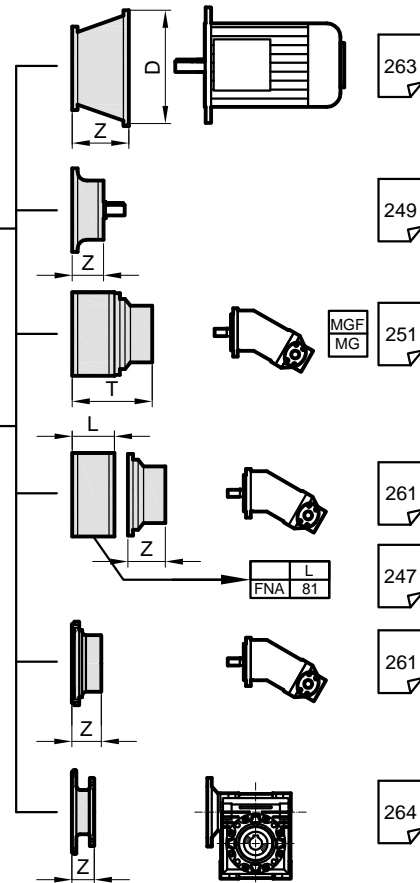
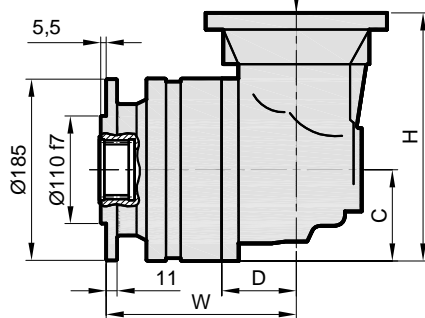
SF



PD..



PDA..

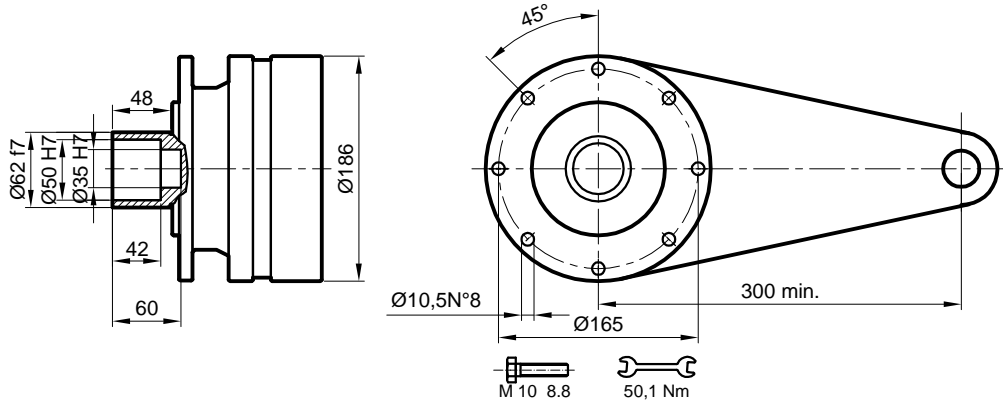
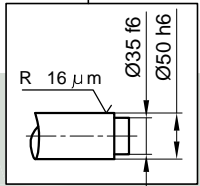
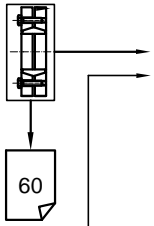


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	118	13	-
S2	193	75	93	252	166	19	28
S3	241	75	93	252	214	25	34
S4	289	75	93	252	262	31	40

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

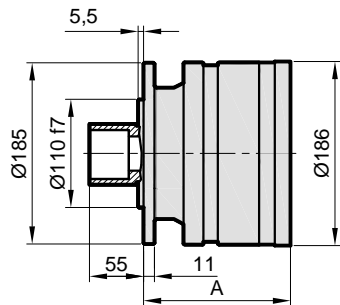
SDF



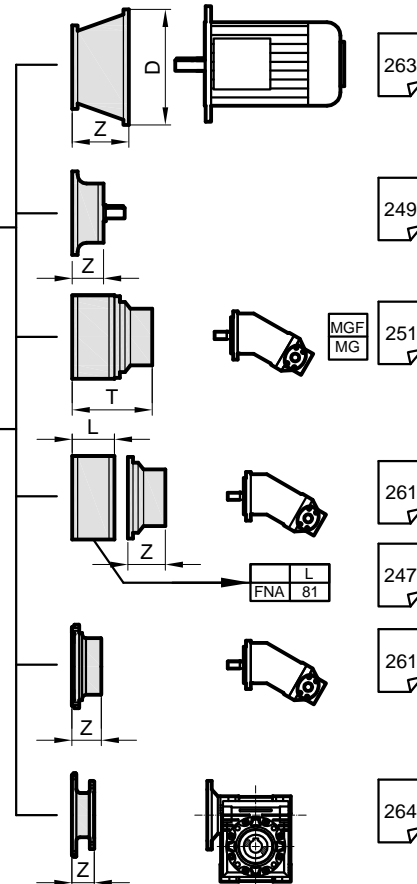
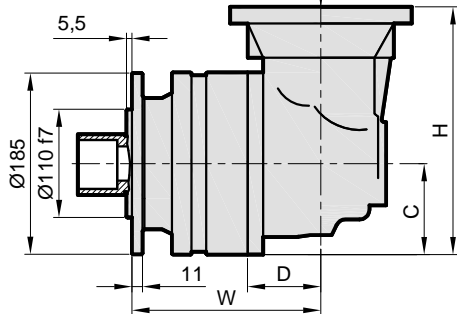
$M_{max} = 2.2 \text{ kNm}$

Belirtilen maksimum tork sadece PDS tarafından verilen sıkma bilezi i 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..

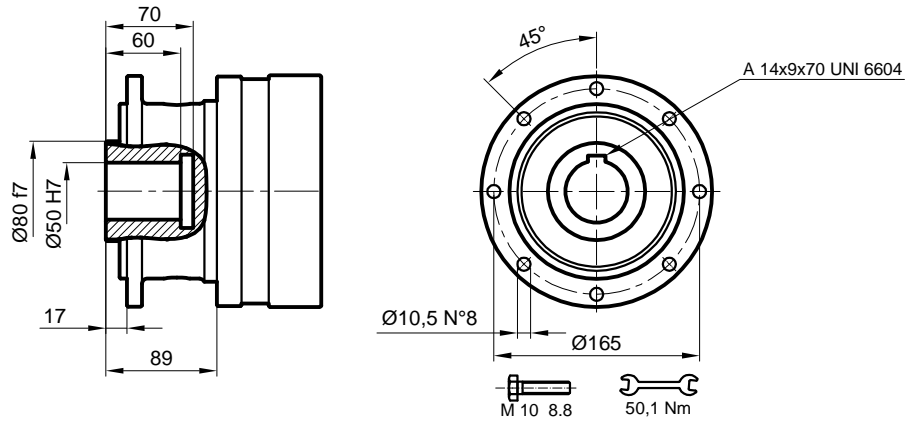


Stage	W	D	C	H	A	PD		PDA	
						SDF	SDF	SDF	SDF
S1	-	-	-	-	118	16	-	-	-
S2	193	75	93	252	166	22	31	-	-
S3	241	75	93	252	214	28	37	-	-
S4	289	75	93	252	262	34	43	-	-

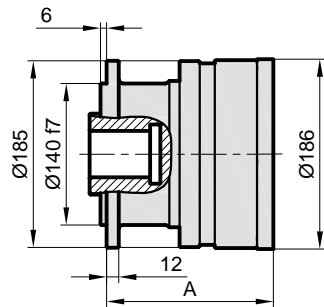
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

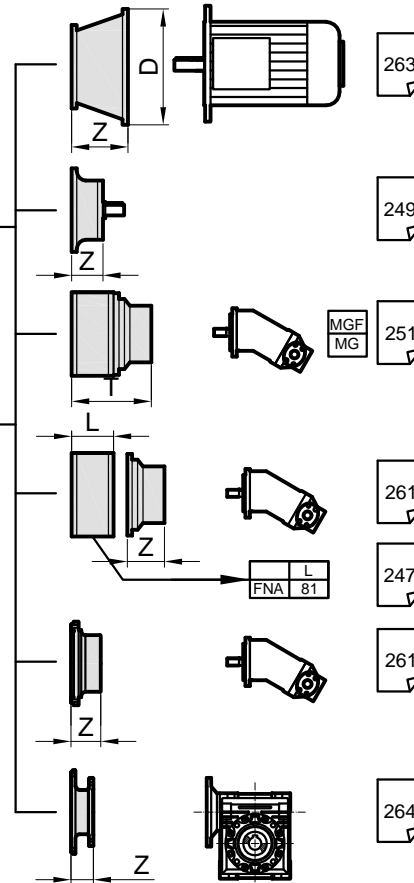
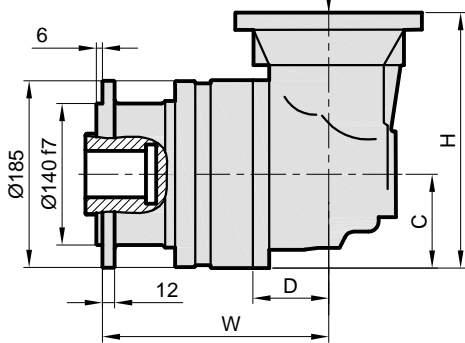
DKM



PD..



PDA..



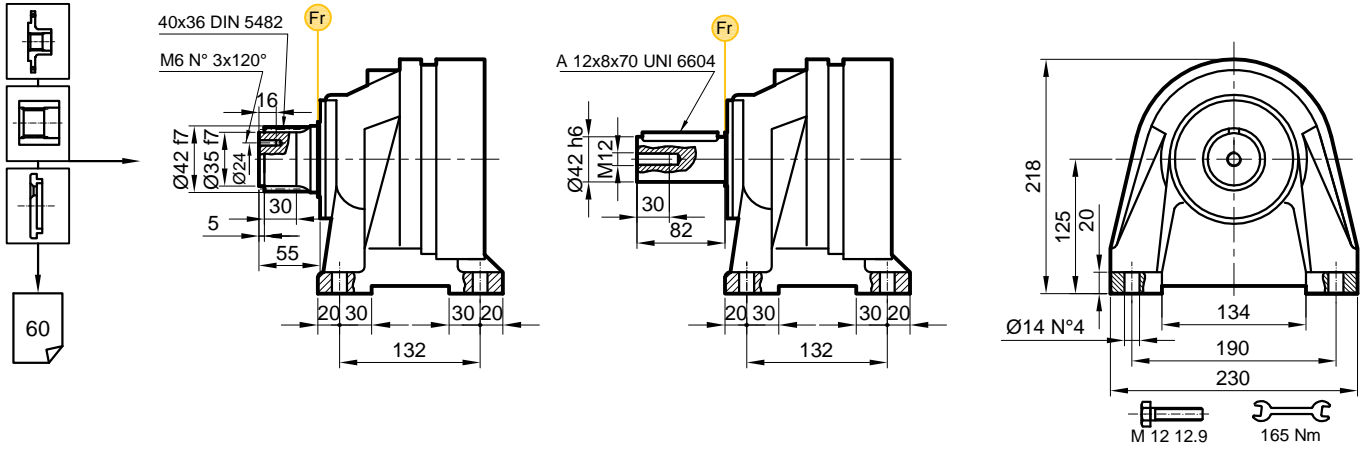
Stage	W	D	C	H	A	PD		PDA	
						F	U	F	U
S1	-	-	-	-	150	13	-	-	
S2	215	75	93	252	195	19	28		
S3	270	75	93	252	245	25	34		
S4	320	75	93	252	295	31	40		

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 103

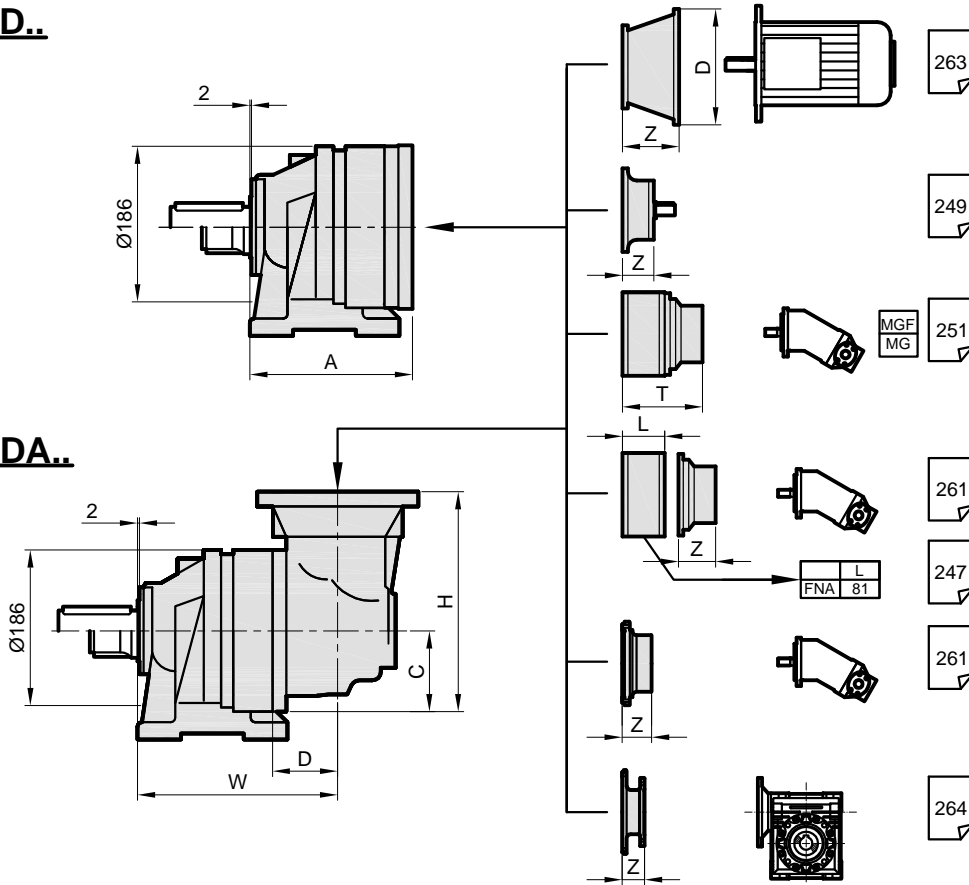
FVS

FVC



PD..

PDA..

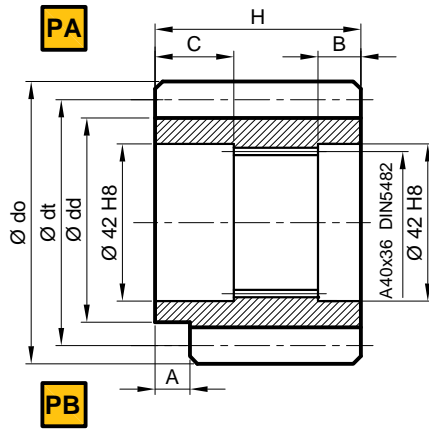


Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	148	20	-
S2	230	75	93	252	196	26	35
S3	278	75	93	252	244	32	41
S4	326	75	93	252	292	38	47

	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

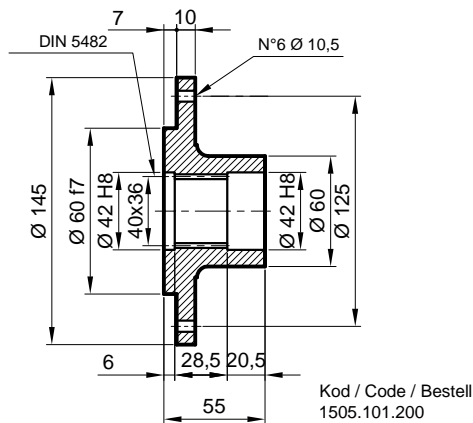
PD/PDA 103

P Pinyon / Pinion / Ritzel



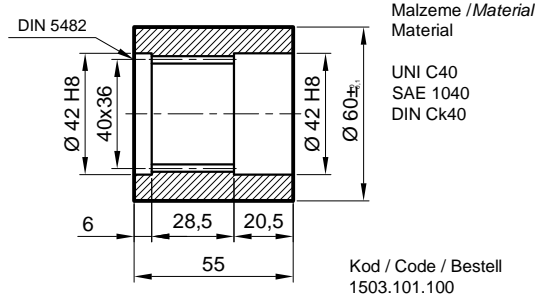
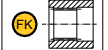
	m	z	x	dt	dd	do	H	A	B	C	Malzeme / Material	Kod / Code / Bestell
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	39NiCrMo3	1501.101.001
PA	6	12	0,250	72	61	62,5	59	14	4	54	39NiCrMo3	1501.101.002
PB	6	14	0,500	84	73	62,5	65	0	10	54	39NiCrMo3	1502.101.001

FL Flan / Flange / Flansch



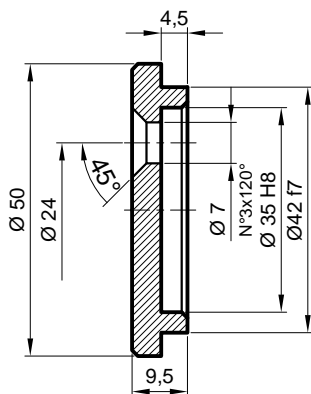
Kod / Code / Bestell
1505.101.200

FK Frezeli Kaplin / Spined bushing Innenverzahnte Buchse



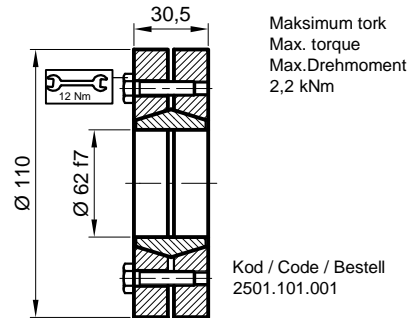
Kod / Code / Bestell
1503.101.100

SP Sabitleme Pulu / Stop bottom plate / Endscheibe



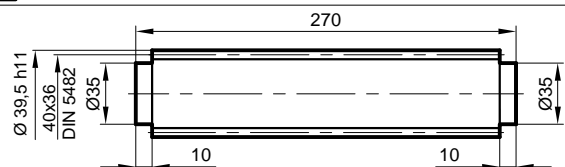
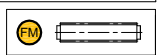
Kod / Code / Bestell
1507.101.250

SB Sikma Bilezi i / Shrink disc Schrumpfscheibe



Kod / Code / Bestell
2501.101.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
UNI 39NiCrMo3
Sertleştilimi ve Temperlenmiş / Hardened and Tempered / Vergütet
Kod / Code / Bestell
1509.101.260

PD/PDA 103

RADYAL YÜK(Fr)

A a ıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen $n_2 \times h$ de erlerinde verir.

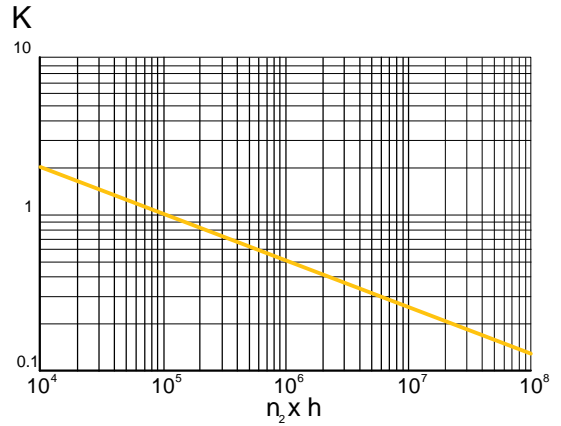
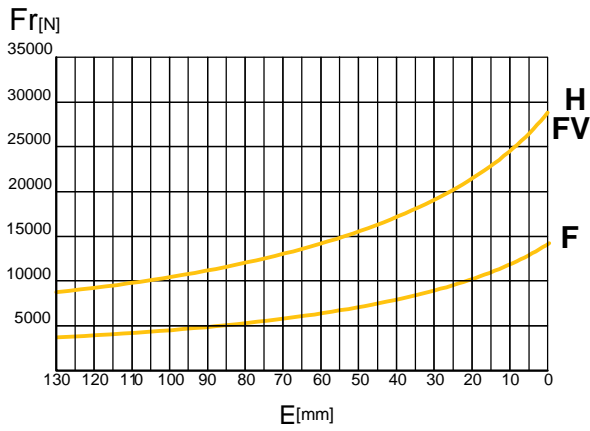
RADIAL LOADS(Fr)

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

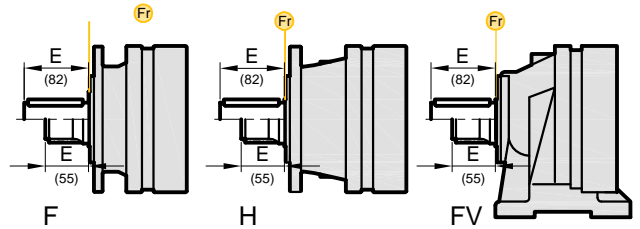
RADIALLAST (Fr)

In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert $n_2 \times h$ verglichen werden.

F-H-FV



	$n \times h$				
	10^5	10^4	10^6	10^7	10^8
F-H	Fr		$Fr \cdot K$		
FV	$Fr \cdot 0,75$		$Fr \cdot K \cdot 0,75$		



AKS YEL YÜKLER (Fa)

Tablodaki aksiyel yük de erleri çıkı ı tipi ve tatbik edilen yük yönünde verilmi tir.

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	→

