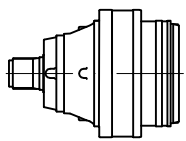
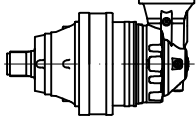


PD 101



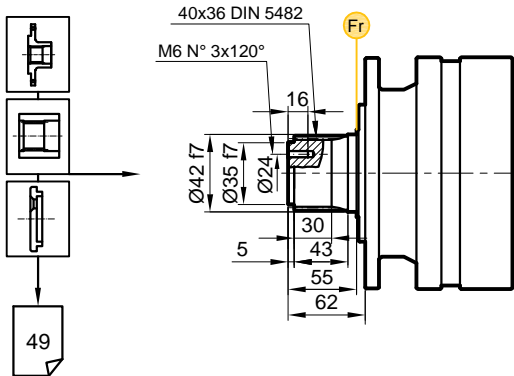
	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n _{2xh}						
		10 000	20 000	50 000	100 000			
PD 101 S1	3.55	1244	1100	945	832	2800	2220	12
	4.28	1244	1100	945	832	2800	2220	12
	5.60	901	800	683	601	2800	1590	12
	6.75	799	700	606	539	2800	1402	12
	8.67	512	450	388	343	2800	925	12
PD 101 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
	23.9	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
	45.5	799	700	606	539	2800	1402	8
	58.5	799	700	606	539	2800	1402	8
PD 101 S3	54.1	1244	1100	945	832	2800	2220	5
	65.3	1244	1100	945	832	2800	2220	5
	70.7	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
	134.3	1244	1100	945	832	2800	2220	5
	161.9	1244	1100	945	832	2800	2220	5
	172.5	1244	1100	945	832	2800	2220	5
	207.9	901	1100	683	601	2800	1590	5
	211.6	901	800	683	601	2800	1590	5
	255.1	901	800	683	601	2800	1590	5
	271.7	901	800	683	601	2800	1590	5
	307.5	799	700	606	539	2800	1402	5
327.5	901	800	683	601	2800	1590	5	
394.8	799	700	606	539	2800	1402	5	
PD 101 S4	337.3	1244	1100	945	832	2800	2220	1.5
	365.7	1244	1100	945	832	2800	2220	1.5
	396.4	1244	1100	945	832	2800	2220	1.5
	440.8	1244	1100	945	832	2800	2220	1.5
	477.8	1244	1100	945	832	2800	2220	1.5
	531.3	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
	836.8	1244	1100	945	832	2800	2220	1.5
	907.1	1244	1100	945	832	2800	2220	1.5
	966.3	1244	1100	945	832	2800	2220	1.5
	1093.4	1244	1100	945	832	2800	2220	1.5
	1144.5	1244	1100	945	832	2800	2220	1.5
	1185.4	901	800	683	601	2800	1590	1.5
	1318.0	1244	1100	945	832	2800	2220	1.5
	1428.8	901	800	683	601	2800	1590	1.5
	1692.3	1244	1100	945	832	2800	2220	1.5
3422.1	799	700	606	539	2800	1402	1.5	

PDA 101

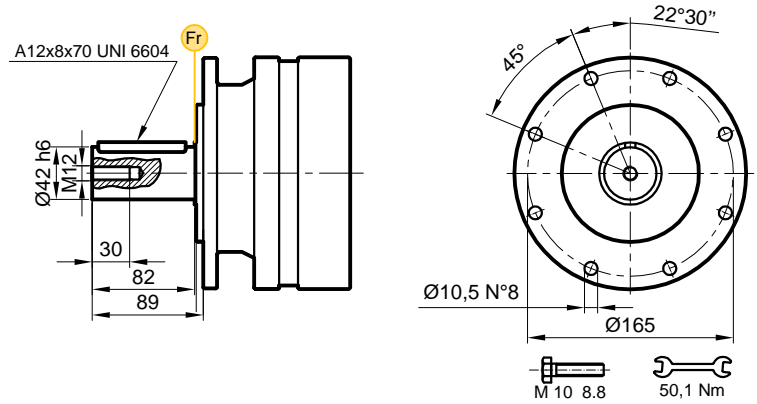
	i	T ₂ [Nm]				n _{1max} [min ⁻¹]	T _{2max} [Nm]	P _t [kW]
		n _{2xh}						
		10 000	20 000	50 000	100 000			
PDA 101 S2	10.4	1244	1100	945	832	2800	2220	8
	12.5	1244	1100	945	832	2800	2220	8
	16.4	901	800	683	601	2800	1590	8
	19.7	799	700	606	539	2800	1402	8
PDA 101 S3	37	1244	1100	945	832	2800	2220	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
	133.6	799	700	606	539	2800	1402	5
	171.5	799	700	606	539	2800	1402	5
PDA 101 S4	131.8	1244	1100	945	832	2800	2220	1.5
	158.9	1244	1100	945	832	2800	2220	1.5
	191.5	1244	1100	945	832	2800	2220	1.5
	207.6	1244	1100	945	832	2800	2220	1.5
	230.8	1244	1100	945	832	2800	2220	1.5
	301.7	1244	1100	945	832	2800	2220	1.5
	327	1244	1100	945	832	2800	2220	1.5
	363.6	1244	1100	945	832	2800	2220	1.5
	394.2	1244	1100	945	832	2800	2220	1.5
	475.1	1244	1100	945	832	2800	2220	1.5
	515.3	901	800	683	601	2800	1590	1.5
	527.7	1244	1100	945	832	2800	2220	1.5
	610.1	1244	1100	945	832	2800	2220	1.5
	735.4	1244	1100	945	832	2800	2220	1.5
	797.2	901	800	683	601	2800	1590	1.5
	960.9	901	800	683	601	2800	1590	1.5
	1158.2	799	700	606	539	2800	1402	1.5
	1233.7	901	800	683	601	2800	1590	1.5
1487.1	799	700	606	539	2800	1402	1.5	

PD/PDA 101

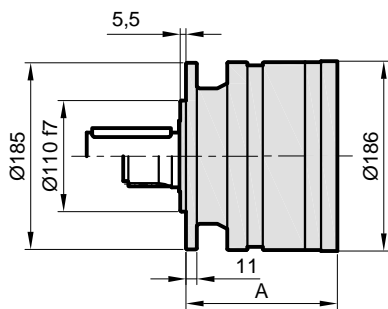
FS



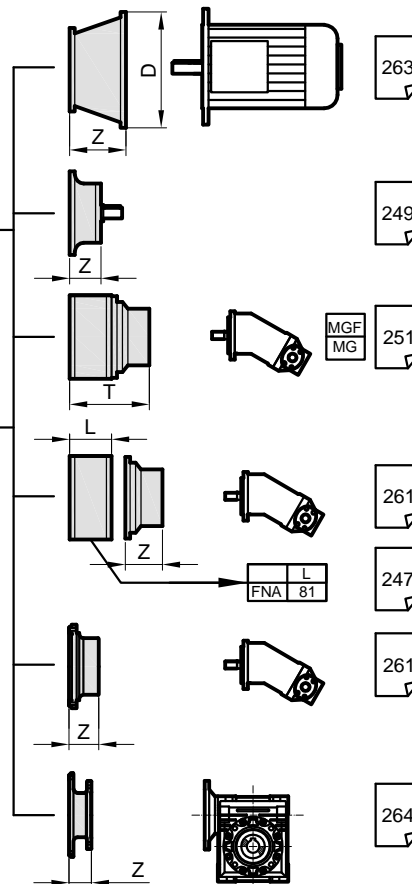
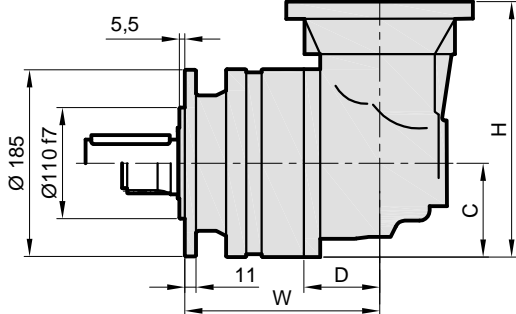
FC



PD..



PDA..

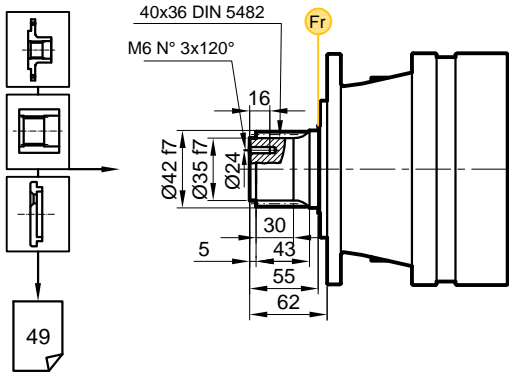


Stage	W	D	C	H	A	PD		PDA	
						F	U	F	U
S1	-	-	-	-	105	13	-	-	
S2	180	75	93	252	153	19	28		
S3	228	75	93	252	201	25	34		
S4	276	75	93	252	249	31	40		

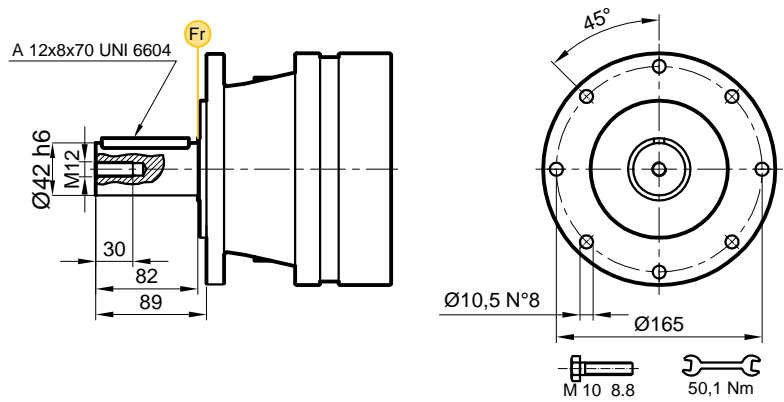
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

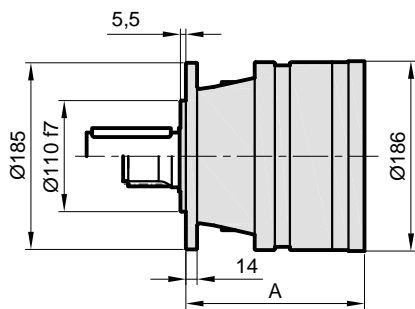
HS



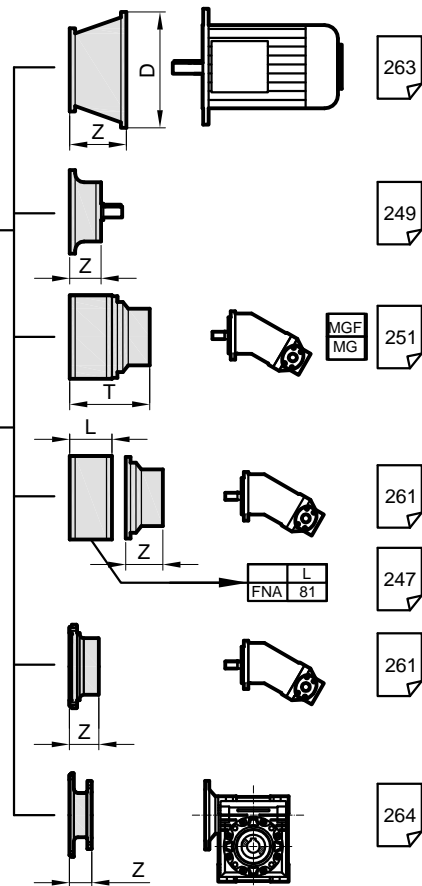
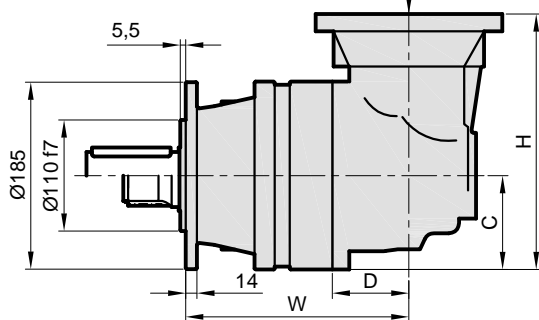
HC



PD..



PDA..

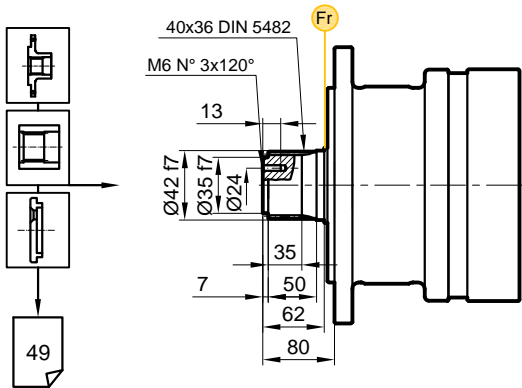


Stage	W	D	C	H	A	PD		PDA	
						H	H	H	H
S1	-	-	-	-	135	15	-	-	-
S2	210	75	93	252	183	21	30	-	-
S3	258	75	93	252	231	27	36	-	-
S4	306	75	93	252	279	33	42	-	-

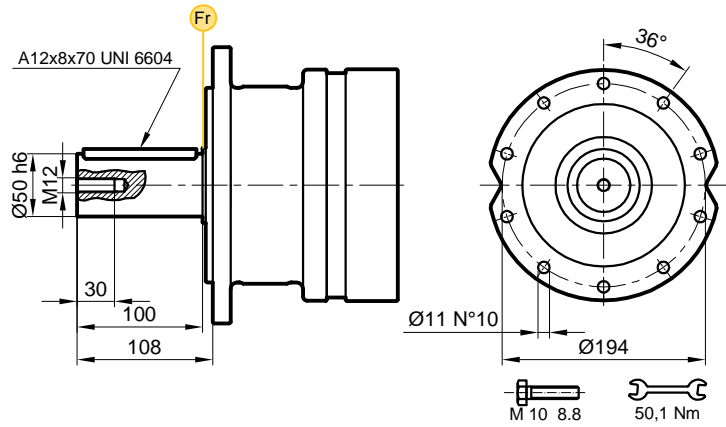
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

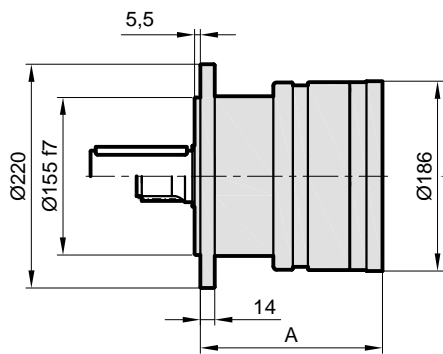
MS



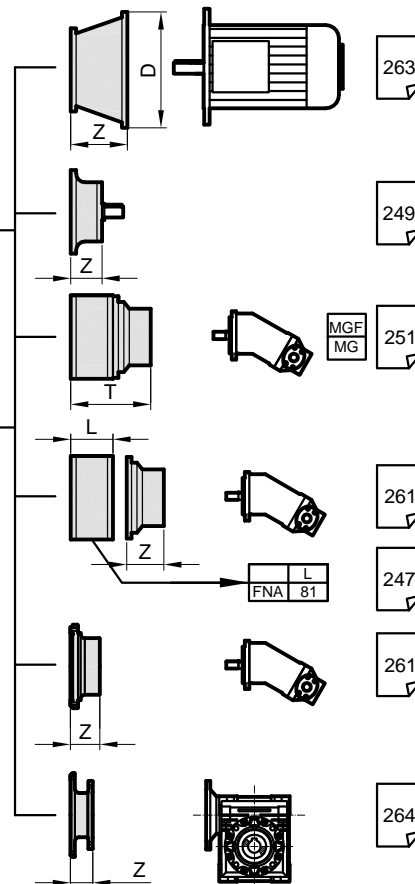
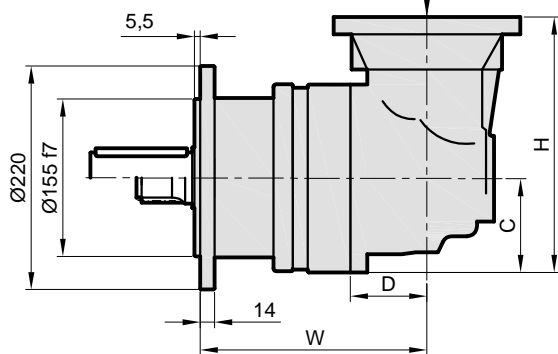
MC



PD..



PDA..

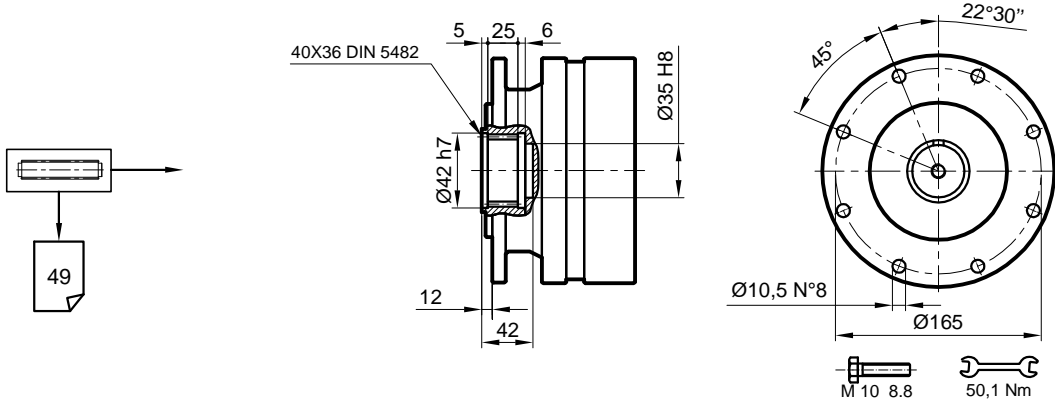


Stage	W	D	C	H	A	PD		PDA	
						H	H	H	H
S1	-	-	-	-	135	15	-	-	-
S2	210	75	93	252	183	21	30	-	-
S3	258	75	93	252	231	27	36	-	-
S4	306	75	93	252	279	33	42	-	-

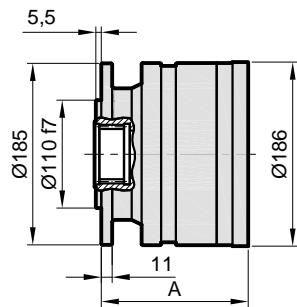
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

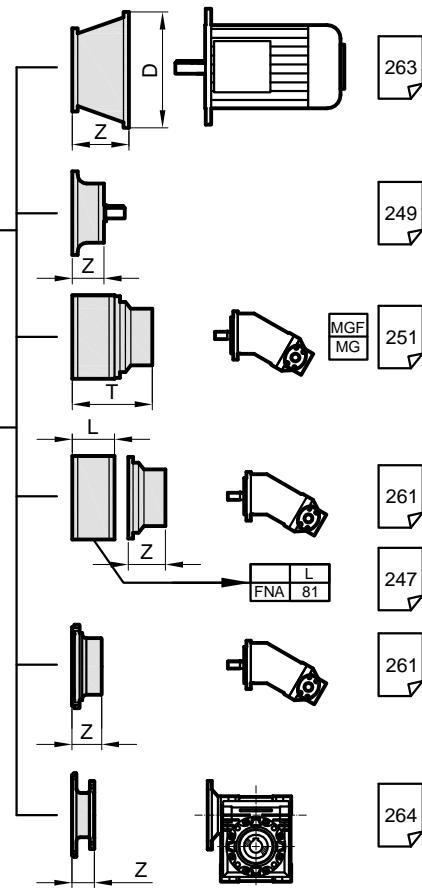
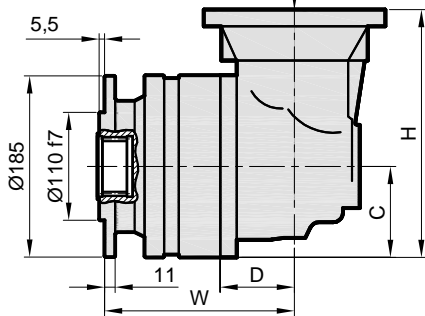
SF



PD..



PDA..

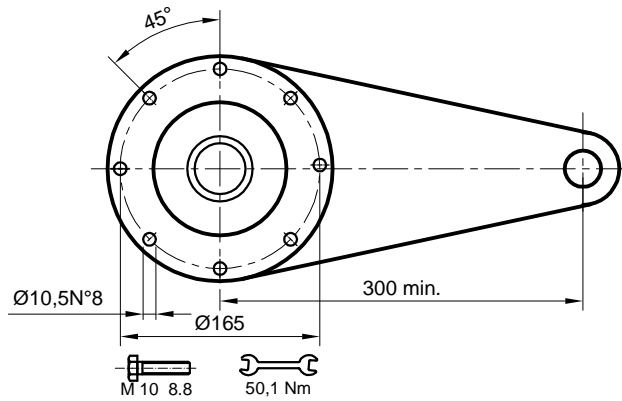
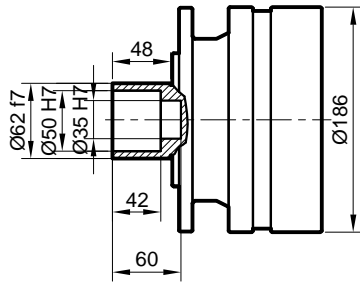
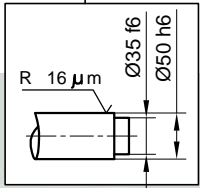
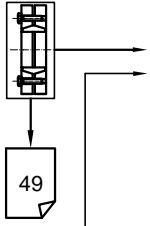


Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	105	11	-
S2	180	75	93	252	153	17	26
S3	228	75	93	252	201	23	32
S4	276	75	93	252	249	29	38

	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 101

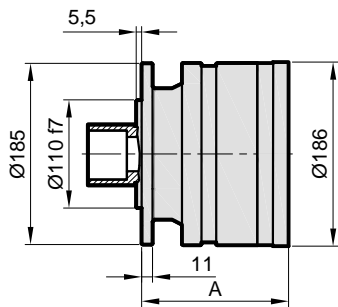
SDF



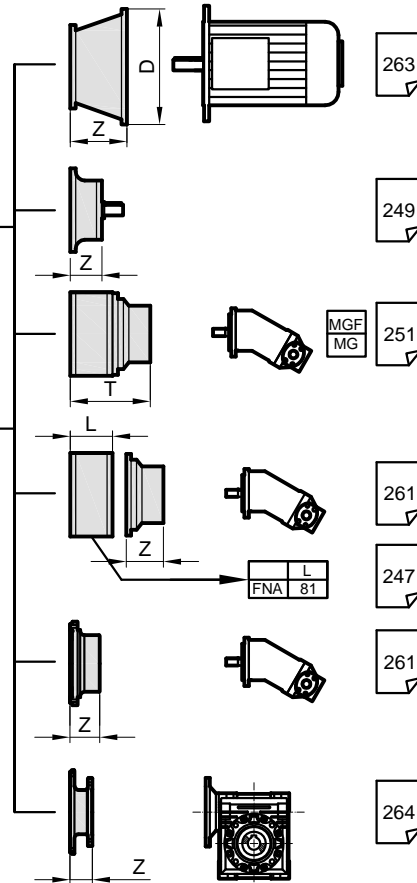
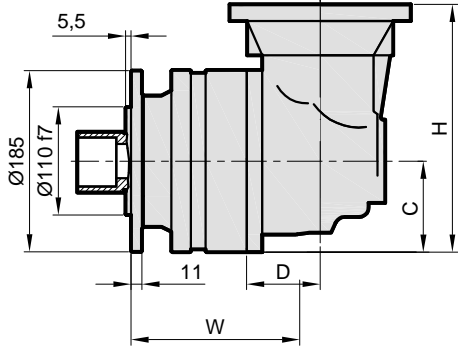
$M_{max} = 2.2 \text{ kNm}$

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..

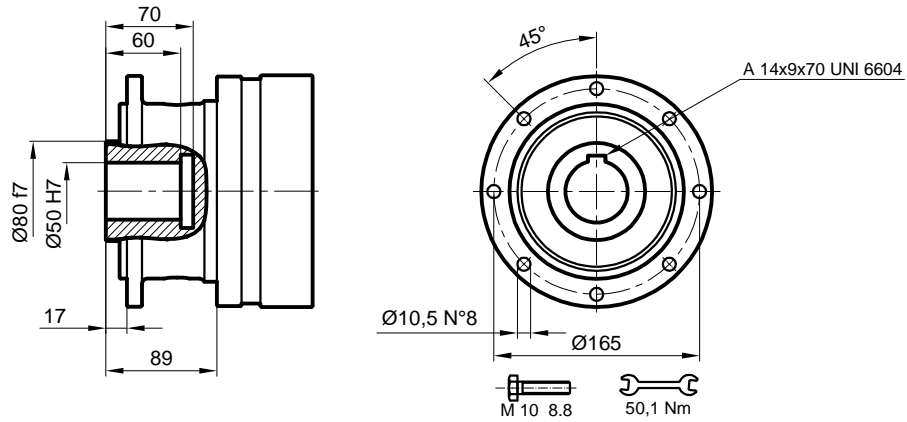


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	105	14	-
S2	180	75	93	252	153	20	29
S3	228	75	93	252	201	26	35
S4	276	75	93	252	249	32	41

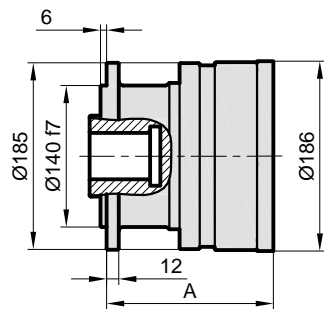
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

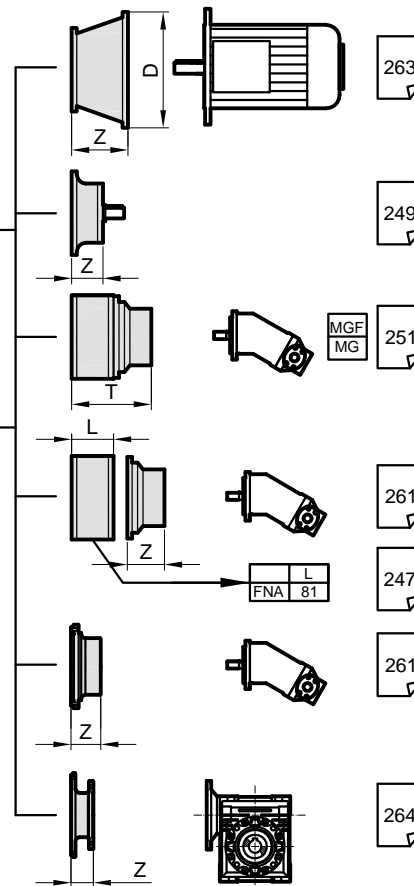
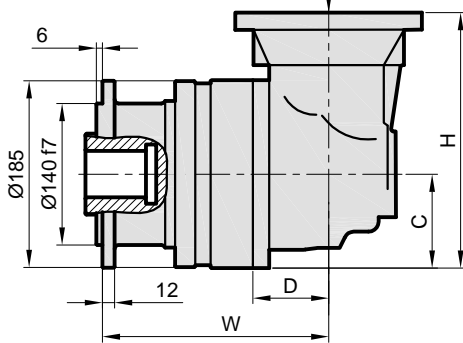
DKM



PD..



PDA..

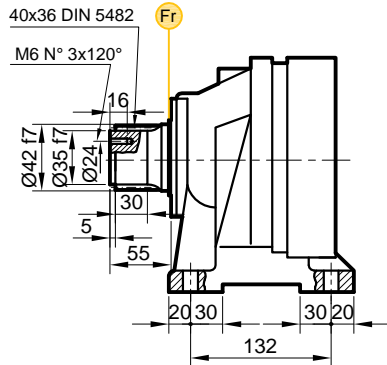
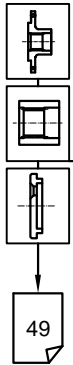


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	135	13	-
S2	210	75	93	252	185	19	28
S3	260	75	93	252	230	25	34
S4	305	75	93	252	280	31	40

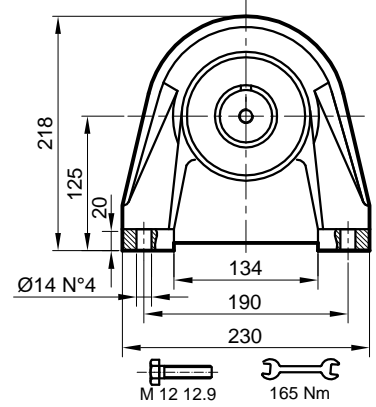
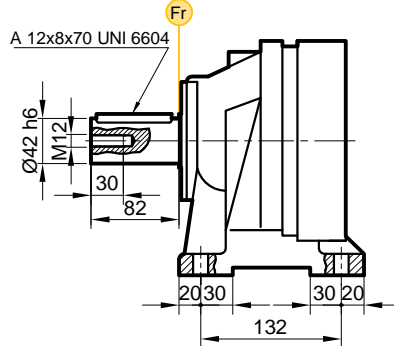
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 101

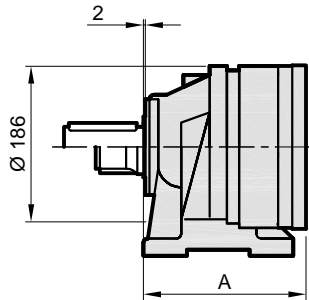
FVS



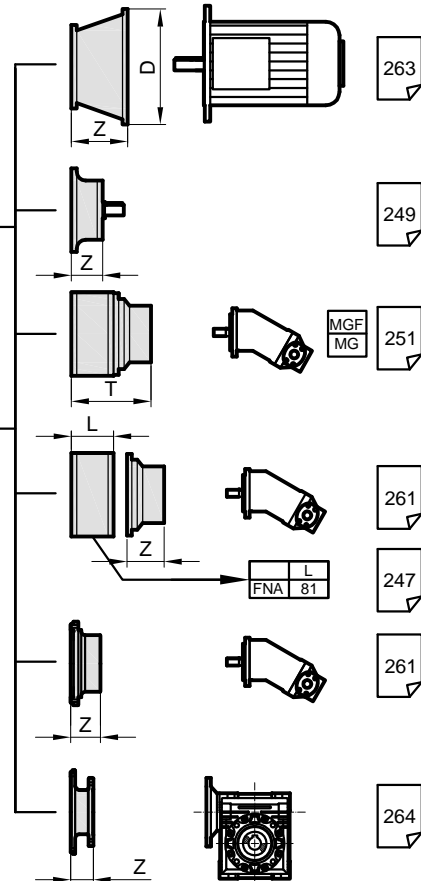
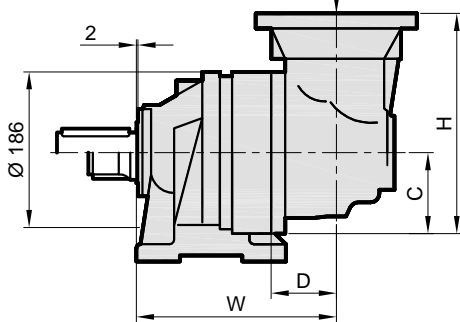
FVC



PD..



PDA..

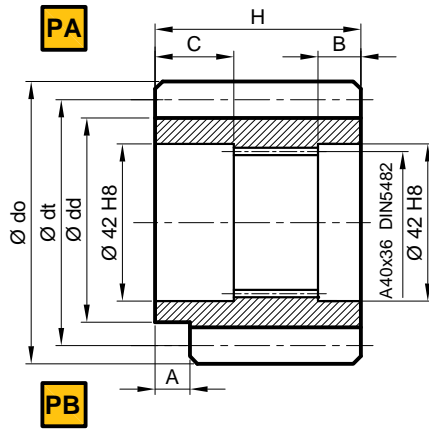


Stage	A	D	C	H	W	PD FVC	PDA FVC
S1	135	-	-	-	-	18	-
S2	183	75	93	252	217	24	33
S3	231	75	93	252	265	30	39
S4	279	75	93	252	313	36	45

	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

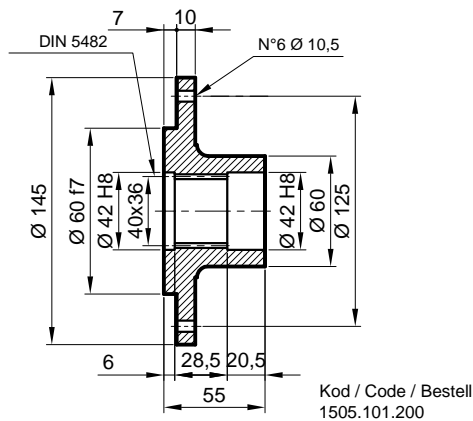
PD/PDA 101

P Pinyon / Pinion / Ritzel



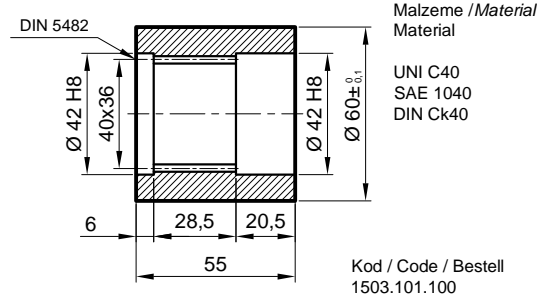
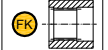
	m	z	x	dt	dd	do	H	A	B	C	Malzeme / Material	Kod / Code / Bestell
PA	5	14	0,500	70	62,5	62,5	65	0	10	53	39NiCrMo3	1501.101.001
PA	6	12	0,250	72	61	62,5	59	14	4	54	39NiCrMo3	1501.101.002
PB	6	14	0,500	84	73	62,5	65	0	10	54	39NiCrMo3	1502.101.001

FL Flan / Flange / Flansch



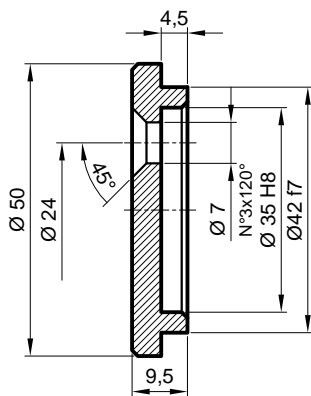
Kod / Code / Bestell
1505.101.200

FK Frezeli Kaplin / Spined bushing Innenverzahnte Buchse



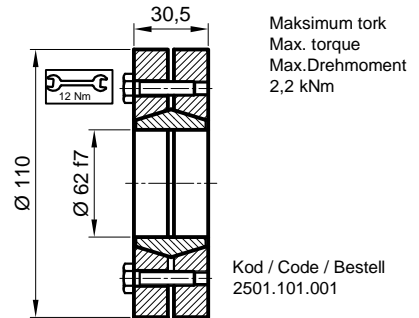
Kod / Code / Bestell
1503.101.100

SP Sabitleme Pulu / Stop bottom plate / Endscheibe



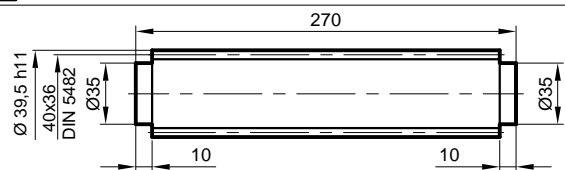
Kod / Code / Bestell
1507.101.250

SB Sikma Bilezi i / Shrink disc Schrumpfscheibe



Kod / Code / Bestell
2501.101.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergiliet

Kod / Code / Bestell
1509.101.260

PD/PDA 101

RADYAL YÜK(Fr)

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

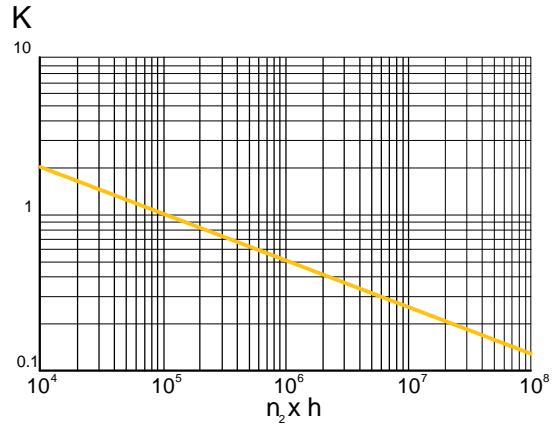
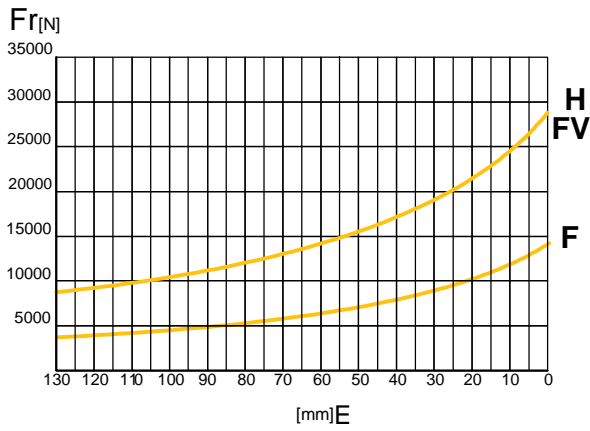
RADIAL LOADS(Fr)

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

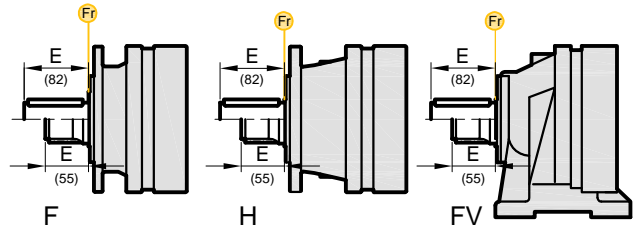
RADIALLAST (Fr)

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 x h				
	10 ⁵	10 ⁴	10 ⁶	10 ⁷	10 ⁸
F-H	Fr		Fr . K		
FV	Fr . 0,75		Fr . K . 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	→

