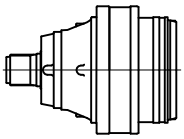
PD 107

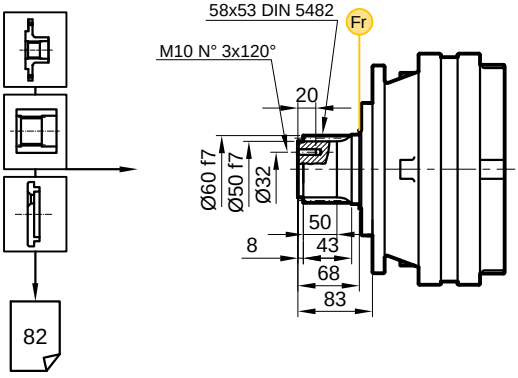
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 107 S1	3.77	5770	5110	4350	3850	2800	10220	20
	4.12	5260	4660	3970	3510	2800	9320	20
	5.16	4300	3810	3240	2870	2800	7620	20
	6.00	3770	3340	2840	2520	2800	6680	20
	7.25	2950	2610	2220	1970	2800	5220	20
PD 107 S2	13.4	5770	5110	4350	3850	2800	10220	15
	16.1	5770	5110	4350	3850	2800	10220	15
	18.3	4300	3810	3240	2870	2800	7620	15
	23.1	5260	4660	3970	3510	2800	9320	15
	28.9	4300	3810	3240	2870	2800	7620	15
	34.8	4300	3810	3240	2870	2800	7620	15
	40.5	3770	3340	2840	2520	2800	6680	15
	48.9	2950	2610	2220	1970	2800	5220	15
PD 107 S3	52.1	5260	4660	3970	3510	2800	9320	10
	57.5	5770	5110	4350	3850	2800	10220	10
	62.8	5260	4660	3970	3510	2800	9320	10
	75.2	5770	5110	4350	3850	2800	10220	10
	82.1	5260	4660	3970	3510	2800	9320	10
	90.6	5770	5110	4350	3850	2800	10220	10
	98.9	5260	4660	3970	3510	2800	9320	10
	119.3	5260	4660	3970	3510	2800	9320	10
	129.3	5260	4660	3970	3510	2800	9320	10
	149.4	4300	3810	3240	2870	2800	7620	10
	155.9	5260	4660	3970	3510	2800	9320	10
	162.0	4300	3810	3240	2870	2800	7620	10
	173.5	3770	3340	2840	2520	2800	6680	10
	195.2	4300	3810	3240	2870	2800	7620	10
	235.4	4300	3810	3240	2870	2800	7620	10
	273.3	3770	3340	2840	2520	2800	6680	10
	302.2	4300	3810	3240	2870	2800	7620	10
	330.3	2950	2610	2220	1970	2800	5220	10
PD 107 S4	351.9	5260	4660	3970	3510	2800	9320	6
	365.7	4300	3810	3240	2870	2800	7620	6
	388.5	5770	5110	4350	3850	2800	10220	6
	413.8	5770	5110	4350	3850	2800	10220	6
	424.2	5260	4660	3970	3510	2800	9320	6
	468.3	5770	5110	4350	3850	2800	10220	6
	511.4	5260	4660	3970	3510	2800	9320	6
	554.3	5260	4660	3970	3510	2800	9320	6
	611.9	5770	5110	4350	3850	2800	10220	6
	668.2	5260	4660	3970	3510	2800	9320	6
	737.6	5770	5110	4350	3850	2800	10220	6
	805.4	5260	4660	3970	3510	2800	9320	6
	857.9	5260	4660	3970	3510	2800	9320	6
	907.3	4300	3810	3240	2870	2800	7620	6
	1052.4	5260	4660	3970	3510	2800	9320	6
	1121.1	5260	4660	3970	3510	2800	9320	6
	1318.2	4300	3810	3240	2870	2800	7620	6
	1588.9	4300	3810	3240	2870	2800	7620	6
	1845.2	3770	3340	2840	2520	2800	6680	6

PDA 107

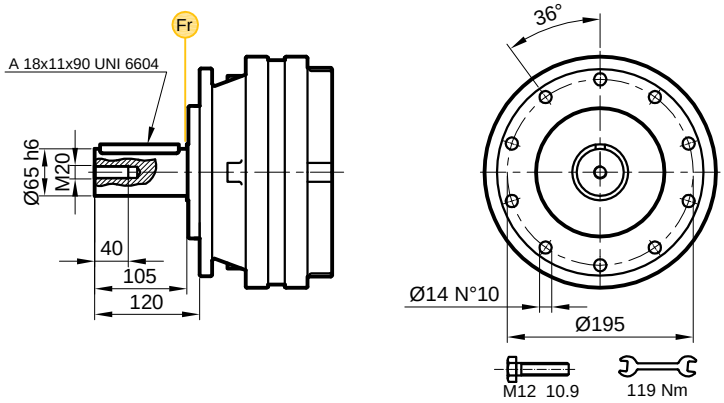
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 107 S2	13.0	5770	5110	4350	3850	2800	10220	15
	14.2	5260	4660	3970	3510	2800	9320	15
	17.8	4300	3810	3240	2870	2800	7620	15
	20.5	5770	5110	4350	3850	2800	10220	15
	22.4	5260	4660	3970	3510	2800	9320	15
	28.1	4300	3810	3240	2870	2800	7620	15
	32.6	3770	3340	2840	2520	2800	6680	15
	39.7	2950	2610	2220	1970	2800	5220	15
PDA 107 S3	39.3	5770	5110	4350	3850	2800	10220	10
	47.4	5770	5110	4350	3850	2800	10220	10
	53.8	4300	3810	3240	2870	2800	7620	10
	67.7	5260	4660	3970	3510	2800	9320	10
	75.4	3770	3340	2840	2520	2800	6680	10
	84.8	4300	3810	3240	2870	2800	7320	10
	91.1	2950	2610	2220	1970	2800	5220	10
	102.2	4300	3810	3240	2870	2800	7620	10
	118.7	3770	3340	2840	2520	2800	6680	10
	143.5	2950	2610	2220	1970	2800	5220	10
PDA 107 S4	140.0	5770	5110	4350	3850	2800	10220	6
	168.8	5770	5110	4350	3850	2800	10220	6
	184.3	5260	4660	3970	3510	2800	9320	6
	220.6	5770	5110	4350	3850	2800	10220	6
	240.9	5260	4660	3970	3510	2800	9320	6
	265.9	5770	5110	4350	3850	2800	10220	6
	290.3	5260	4660	3970	3510	2800	9320	6
	320.5	5770	5110	4350	3850	2800	10220	6
	350.0	5260	4660	3970	3510	2800	9320	6
	422.3	3770	3340	2840	2520	2800	6680	6
	449.4	5260	4660	3970	3510	2800	9320	6
	475.2	4300	3810	3240	2870	2800	7620	6
	509.1	3770	3340	2840	2520	2800	6680	6
	551.9	3770	3340	2840	2520	2800	6680	6
	615.2	2950	2610	2220	1970	2800	5220	6
	665.2	3770	3340	2840	2520	2800	6680	6
	735.5	4300	3810	3240	2870	2800	7620	6
	801.8	3770	3340	2840	2520	2800	6680	6
	1244.0	2950	2610	2220	1970	2800	5220	6

PD/PDA 107

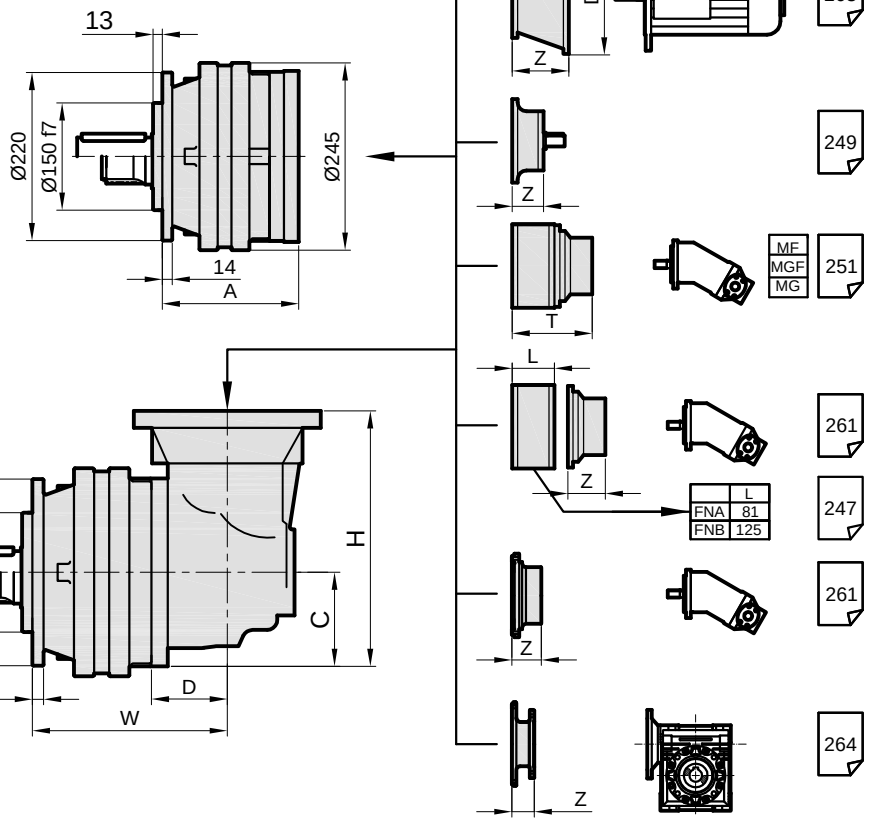
FS



FC



PD..

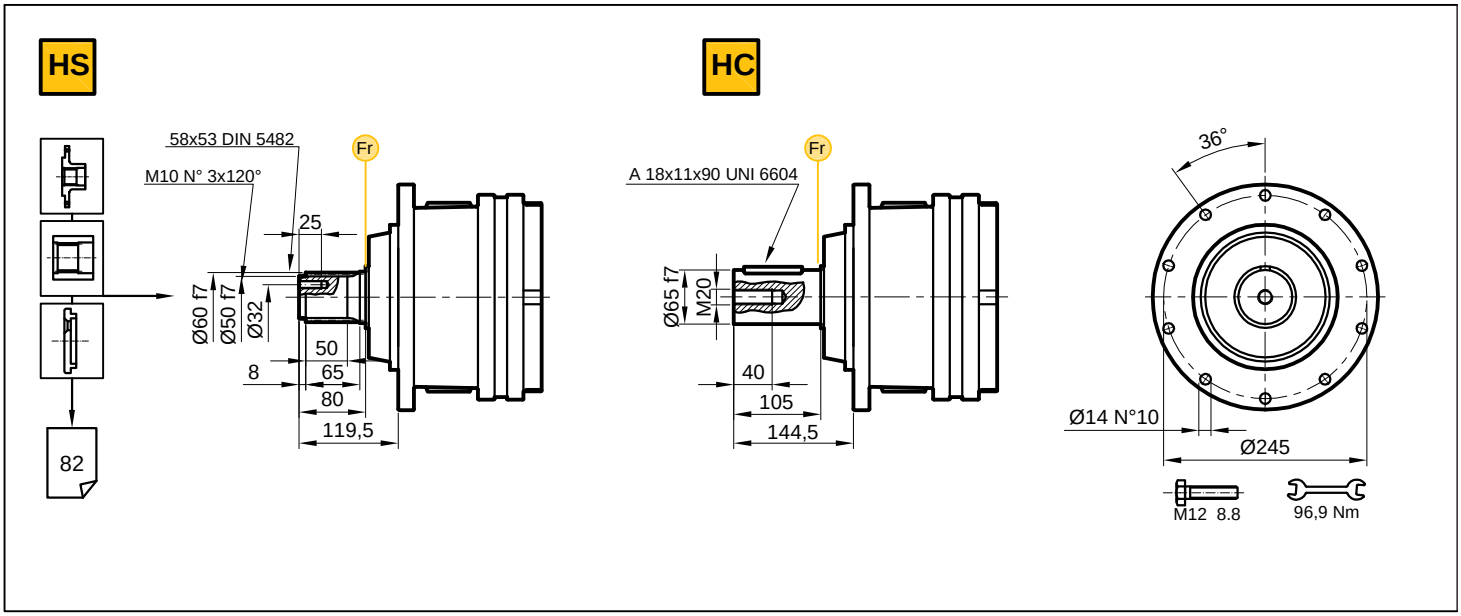


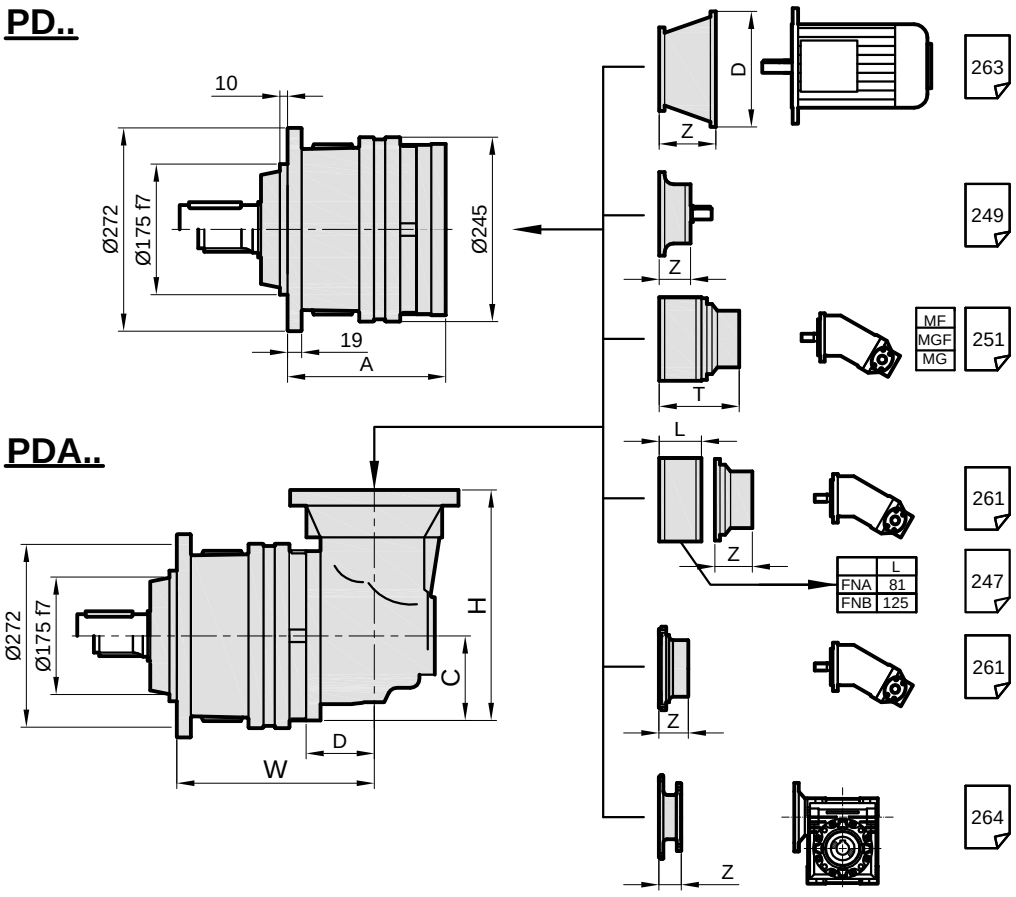
PDA..

Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	178	33	-
S2	279,5	88	140	380	239	41	51
S3	314	75	93	252	287	47	59
S4	362	75	93	252	335	53	65

	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 107



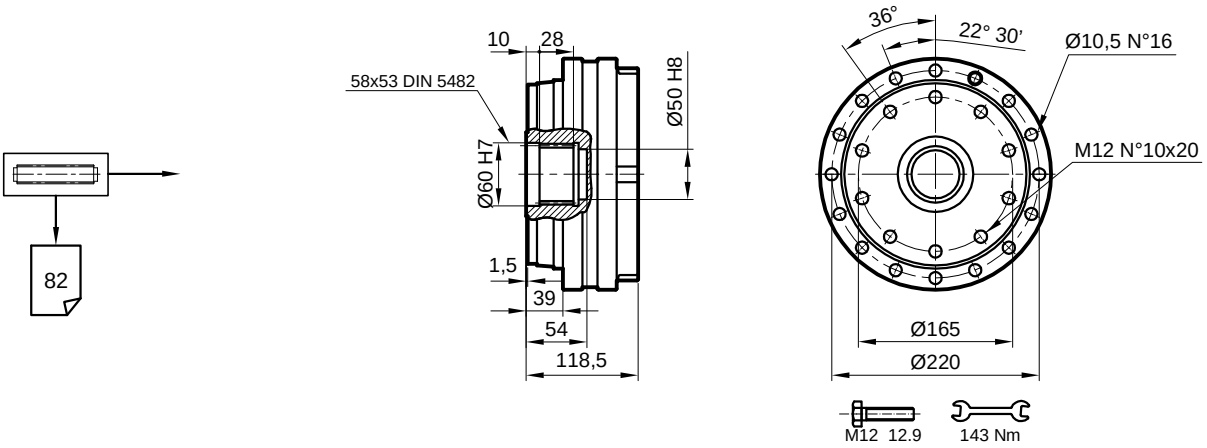


Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	185	42	-
S2	286,5	88	140	380	246	50	60
S3	321	75	93	252	294	56	68
S4	369	75	93	252	342	62	74

	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 107

S



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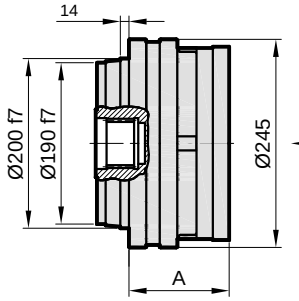

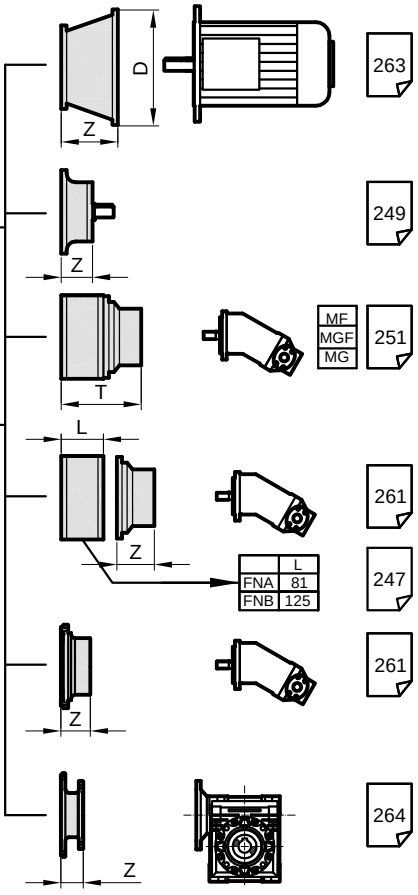

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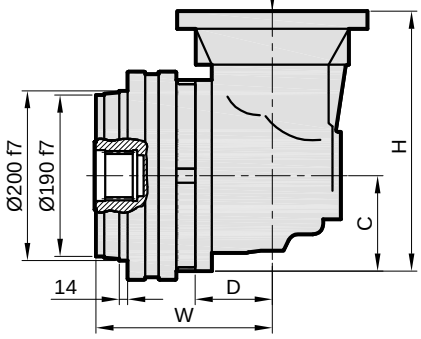
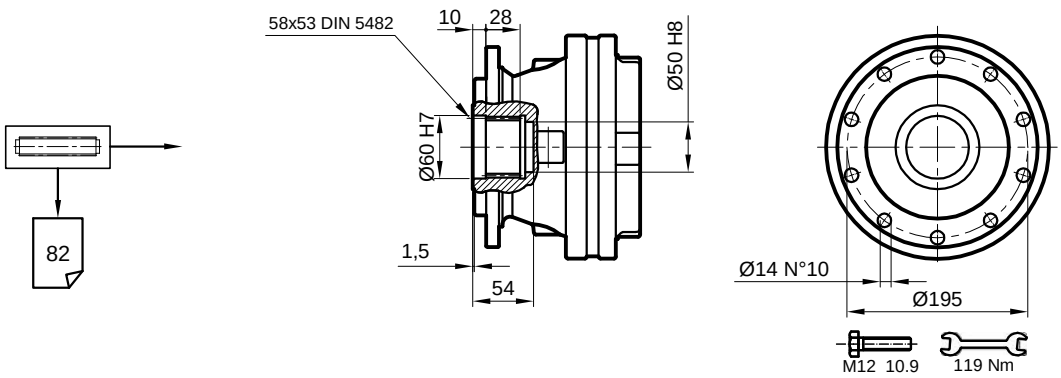


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	91.5	25	-
S2	193	88	140	380	152.5	32	43
S3	227,5	75	93	252	200.5	38	50
S4	275,5	75	93	252	248.5	44	56

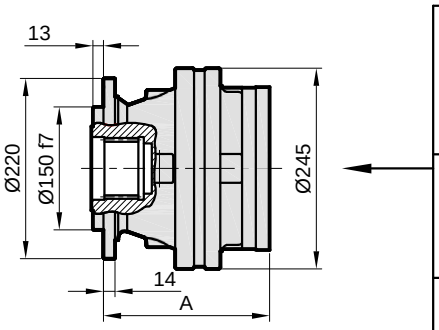
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

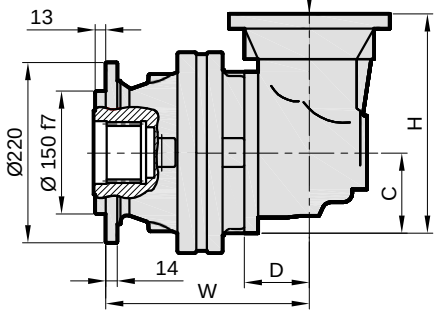
SF

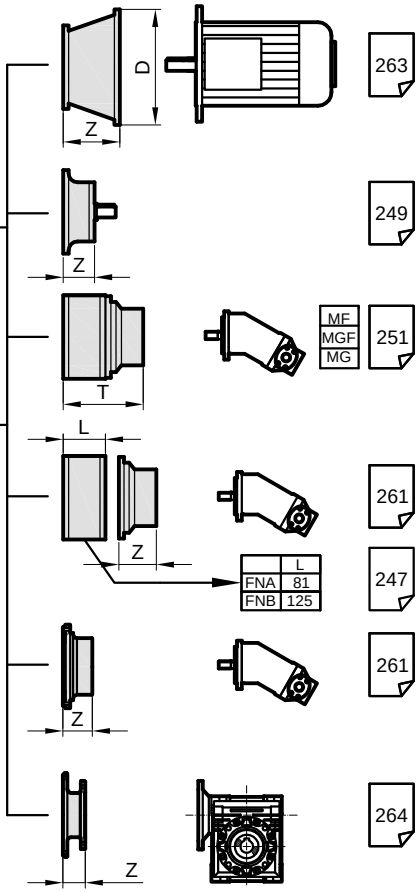


PD..



PDA..



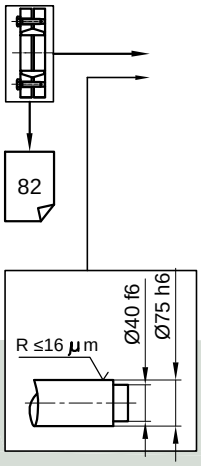


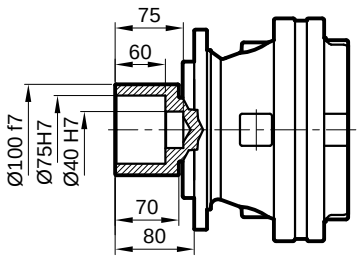
Stage	W	D	C	H	A	PD / SF	PDA / SF
S1	-	-	-	-	178	35	-
S2	279,5	88	140	380	239,5	43	53
S3	314	75	93	252	287	49	61
S4	362	75	93	252	335	55	67

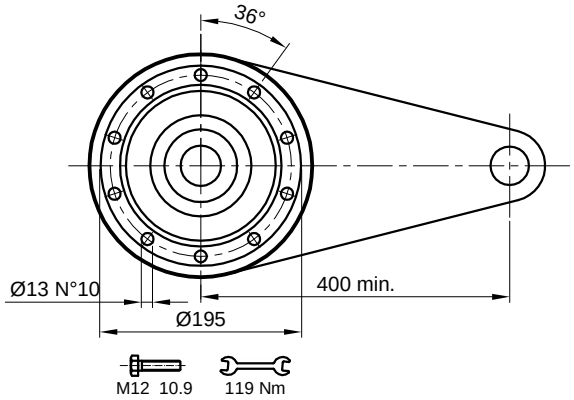
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

SDF



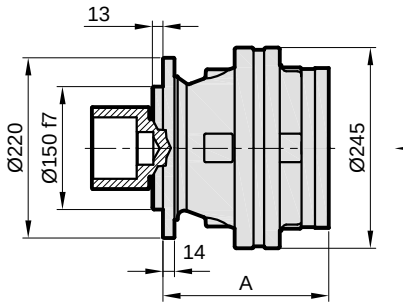




M_{max} = 7.5 kNm

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..



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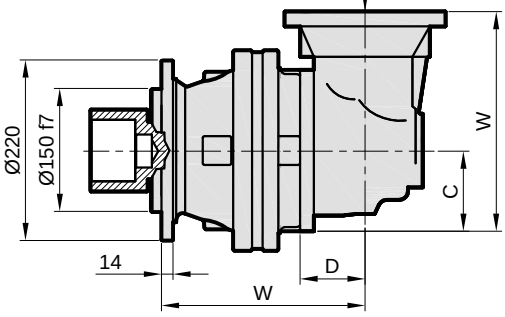
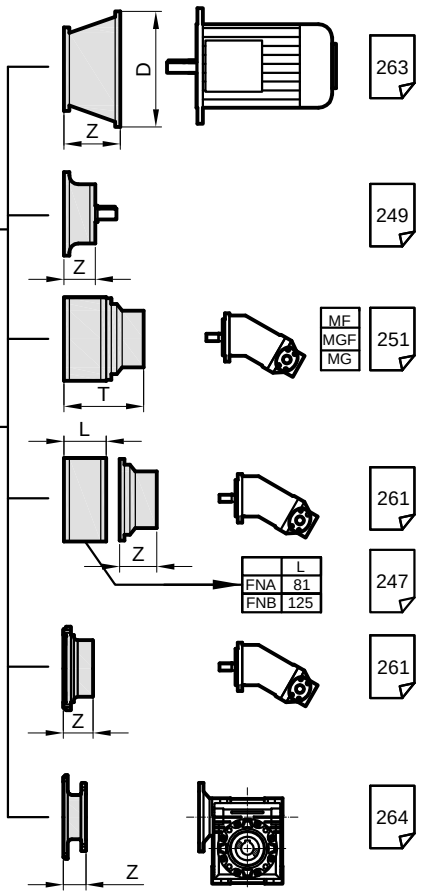


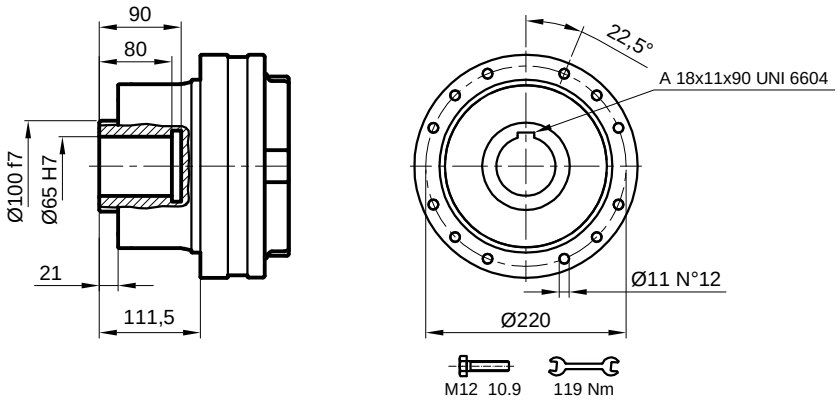


Stage	W	D	C	H	A	PD SDF	PDA SDF
S1	-	-	-	-	178	35	–
S2	279,5	88	140	380	239,5	45	53
S3	314	75	93	252	287	49	61
S4	362	75	93	252	335	55	67

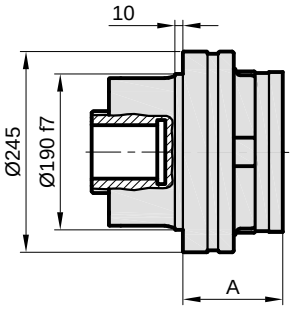
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

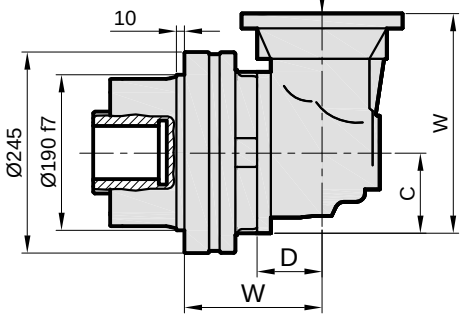
DKM

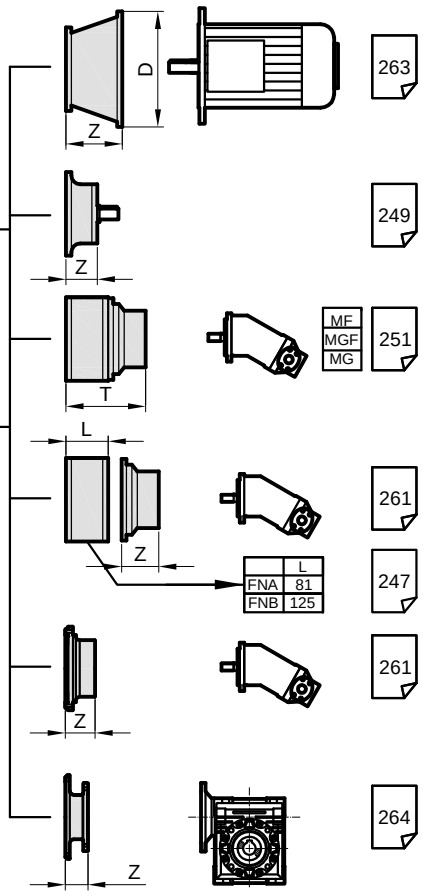


PD..



PDA..



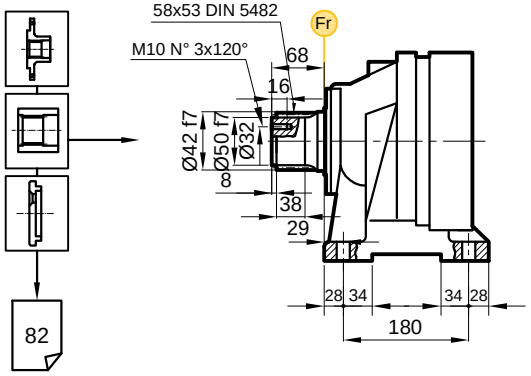


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	96.5	25	-
S2	199	88	140	380	158.5	32	43
S3	233.5	75	93	252	206.5	38	50
S4	281.5	75	93	252	254.5	44	56

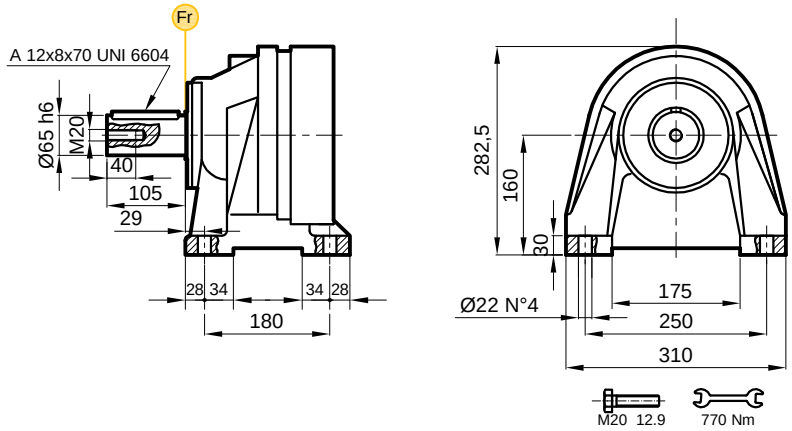
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	32	200	60	250	71	300	104	350	120
S2	185	32	200	60	250	71	300	104	350	120
S3	185	32	200	60	-	-	300	104	350	120
S4	185	32	200	60	-	-	300	104	350	120

PD/PDA 107

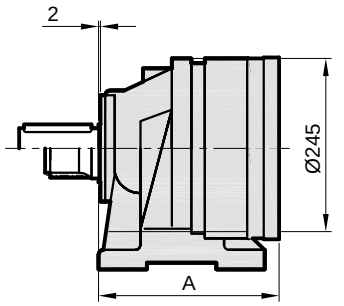
FVS



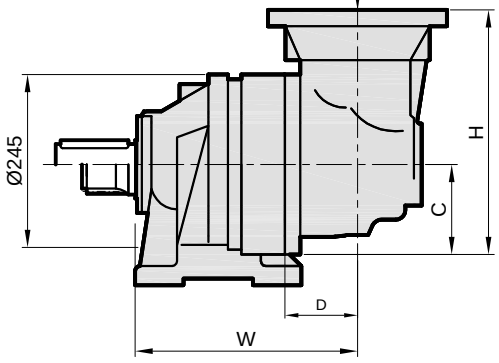
FVC

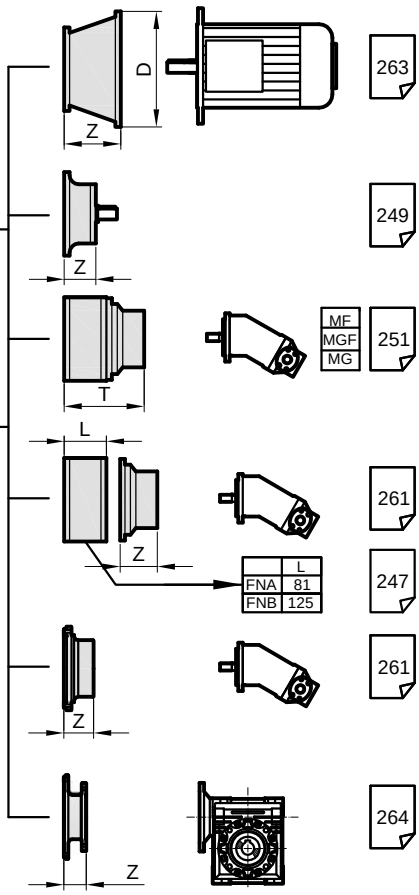


PD..



PDA..



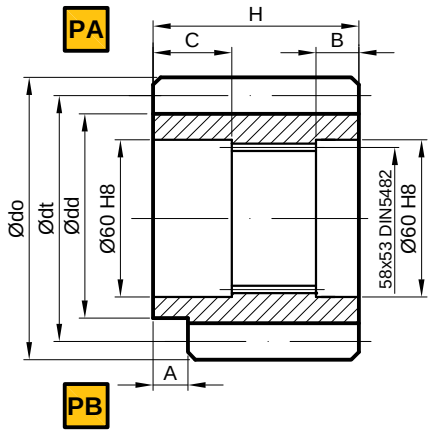


Stage	W	D	C	H	A	PD / FVC	PDA / FVC
S1	-	-	-	-	224,5	46	-
S2	326	88	140	380	285,5	54	64
S3	360,5	75	93	252	333,5	60	72
S4	408,5	75	93	252	381,5	66	78

	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

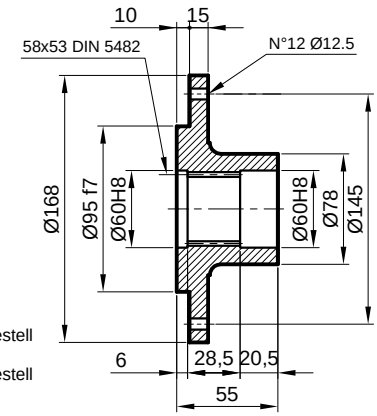
PD/PDA 107

P *Pinyon / Pinion / Ritzel*



	m	z	x	dd	dt	do	H	A	B	C	Malzeme *Material* Material	Kod / Code Bestell
PA	8	13	0	88	104	120	68	0	8.5	22.5	18NiCrMo5	1501.105.001
PA	8	11	0.85	74.8	88	110.8	68	0	8.5	22.5	38NiCrMo4	1501.105.002
PA	8	12	0.1	88	96	112.8	68	0	8	21	38NiCrMo4	1501.105.003
PB	10	14	0.24	117.4	140	162.4	116	13	9.5	22.5	18NiCrMo4	1502.105.001
PA	8	15	0	100	120	136	68	0	8.5	22.5	38NiCrMo4	1501.105.004
PA	6	14	0.6	72.6	84	99.6	95	0	23	21	38NiCrMo4	1501.105.005
PA	10	11	1.21	97.1	110	142.1	90	0	8	22.5	38NiCrMo5	1501.105.006

FL Flanş / *Flange* / Flansch

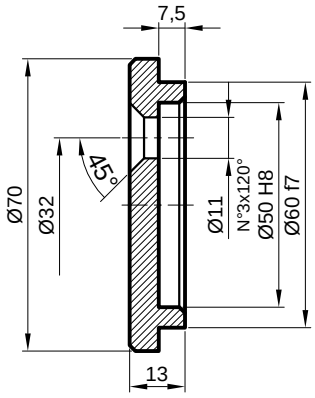


	A	B
FS	68	37
HS	80	49

FS Kod / Code / Bestell 1505.105.200

HS Kod / Code / Bestell 1506.105.201

SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe

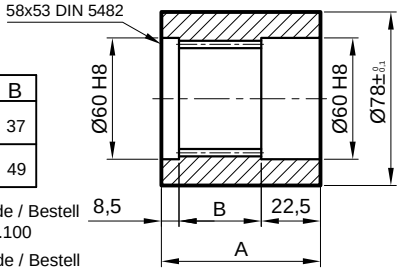


Kod / Code / Bestell
1507.105.250

FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
UNI C40
SAE 1040
DIN Ck40

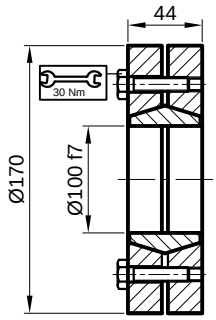
	A	B
FS	68	37
HS	80	49



FS Kod / Code / Bestell 1503.105.100

HS Kod / Code / Bestell 1504.105.101

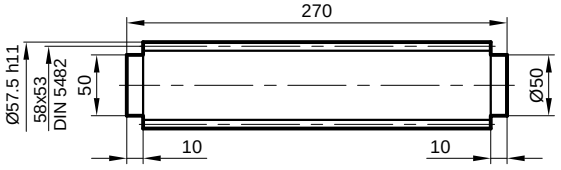
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
7,5 kNm

Kod / Code / Bestell
2501.105.001

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

UNI 39NiCrMo3
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

Kod / Code / Bestell
1509.105.260

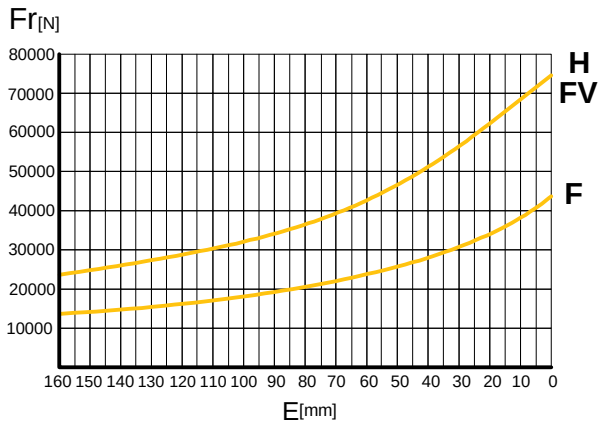
PD/PDA 107

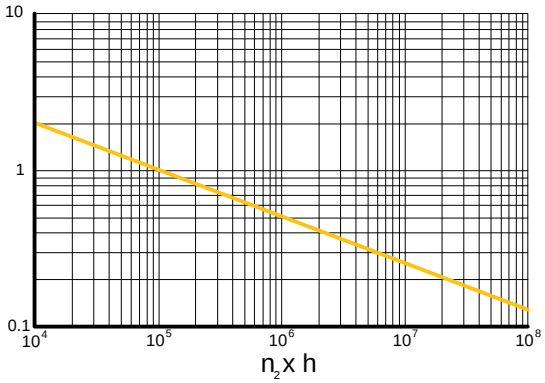
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

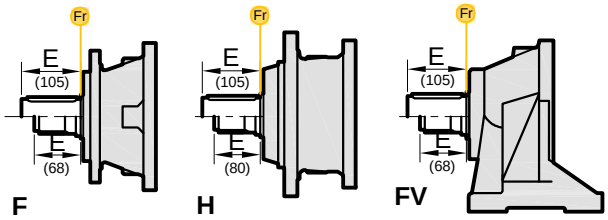
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

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 awial 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	
	32000	32000	←
	32000	48000	→