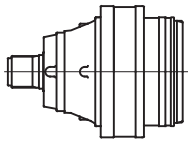
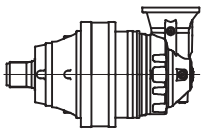
PD 107



	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
	16.2	5770	5110	4350	3850	2800	10220	15
	18.4	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
	34.9	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
	62.8	2950	2610	2220	1970	2800	5220	15
PD 107 S3	52.2	5260	4660	3970	3510	2800	9320	10
	57.6	5770	5110	4350	3850	2800	10220	10
	62.9	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
	99.0	5260	4660	3970	3510	2800	9320	10
	119.3	5260	4660	3970	3510	2800	9320	10
	129.4	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
	195.3	4300	3810	3240	2870	2800	7620	10
	235.4	4300	3810	3240	2870	2800	7620	10
	273.4	3770	3340	2840	2520	2800	6680	10
	302.3	4300	3810	3240	2870	2800	7620	10
	330.3	2950	2610	2220	1970	2800	5220	10
	424.1	2950	2610	2200	1970	2800	5220	10
PD 107 S4	351.9	5260	4660	3970	3510	2800	9320	6
	365.8	4300	3810	3240	2870	2800	7620	6
	388.5	5770	5110	4350	3850	2800	10220	6
	413.9	5770	5110	4350	3850	2800	10220	6
	424.2	5260	4660	3970	3510	2800	9320	6
	468.2	5770	5110	4350	3850	2800	10220	6
	511.3	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
	668.3	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
	907.4	4300	3810	3240	2870	2800	7620	6
	1052.5	5260	4660	3970	3510	2800	9320	6
	1121.1	5260	4660	3970	3510	2800	9320	6
	1318.3	4300	3810	3240	2870	2800	7620	6
	1589.0	4300	3810	3240	2870	2800	7620	6
	1845.3	3770	3340	2840	2520	2800	6680	6
	2369.3	3770	3340	2840	2520	2800	6680	6

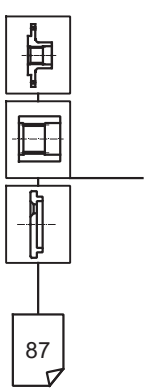
PDA 107

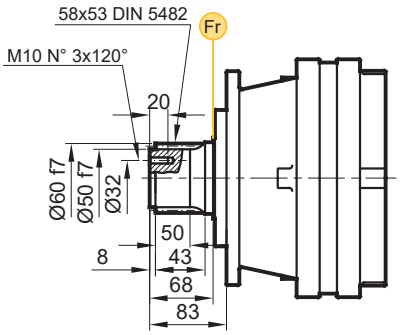
		T_2 [Nm]				n_{1max}	T_{2max}	P_t
		$n_2$xh				[min^{-1}]	[Nm]	[kW]
	i	10 000	20 000	50 000	100 000			
PDA 107 S2	13.0	5770	5110	4350	3850	2800	10220	15
	14.2	5260	4660	3970	3510	2800	9320	15
	17.8	4300	3810	3240	2870	2800	7620	15
	20.6	3770	3340	2840	2520	2800	6680	15
PDA 107 S3	39.4	5770	5110	4350	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
	75.3	3770	3340	2840	2520	2800	6680	10
	84.8	4300	3810	3240	2870	2800	7320	10
	91.0	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
	143.4	2950	2610	2220	1970	2800	5220	10
PDA 107 S4	139.9	5770	5110	4350	3850	2800	10220	6
	168.6	5770	5110	4350	3850	2800	10220	6
	184.1	5260	4660	3970	3510	2800	9320	6
	220.4	5770	5110	4350	3850	2800	10220	6
	240.7	5260	4660	3970	3510	2800	9320	6
	265.6	5770	5110	4350	3850	2800	10220	6
	290.0	5260	4660	3970	3510	2800	9320	6
	320.2	5770	5110	4350	3850	2800	10220	6
	349.6	5260	4660	3970	3510	2800	9320	6
	421.9	3770	3340	2840	2520	2800	6680	6
	448.8	5260	4660	3970	3510	2800	9320	6
	474.7	4300	3810	3240	2870	2800	7620	6
	508.5	3770	3340	2840	2520	2800	6680	6
	551.3	3770	3340	2840	2520	2800	6680	6
	614.4	2950	2610	2220	1970	2800	5220	6
	664.5	3770	3340	2840	2520	2800	6680	6
	734.7	4300	3810	3240	2870	2800	7620	6
	801.0	3770	3340	2840	2520	2800	6680	6
	1242.7	2950	2610	2220	1970	2800	5220	6

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

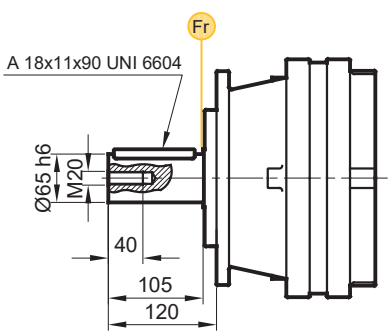
PD/PDA 107

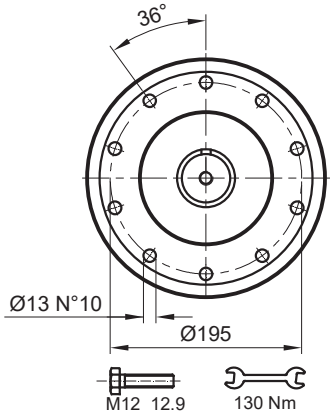
FS





FC





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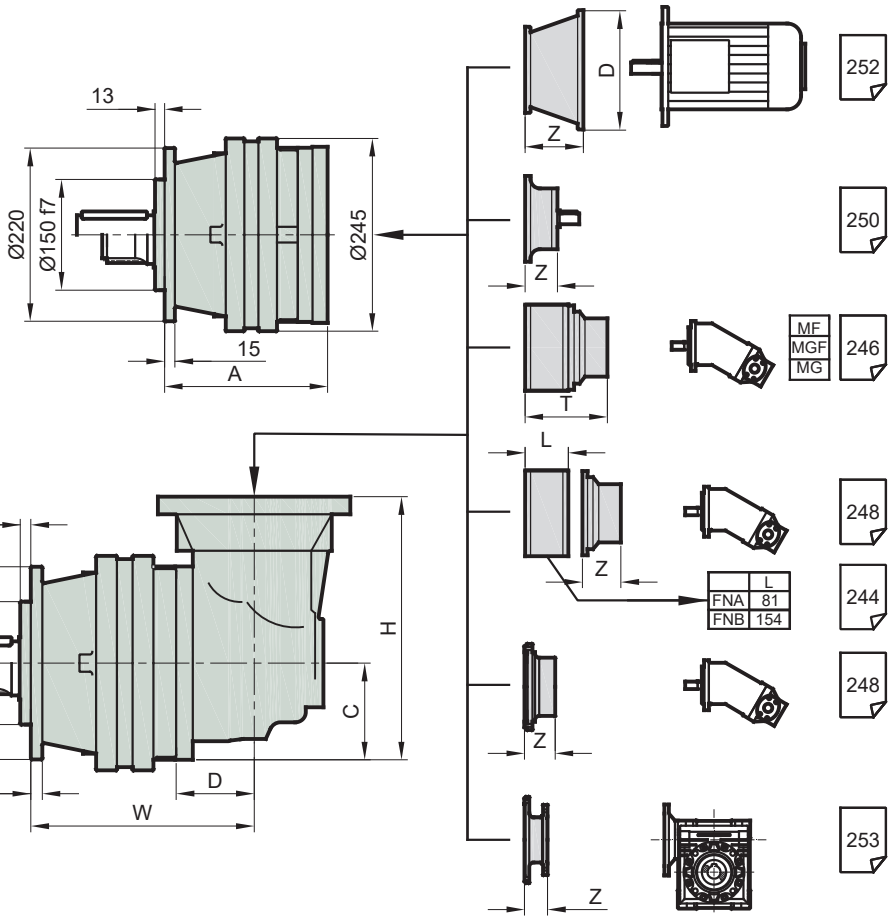
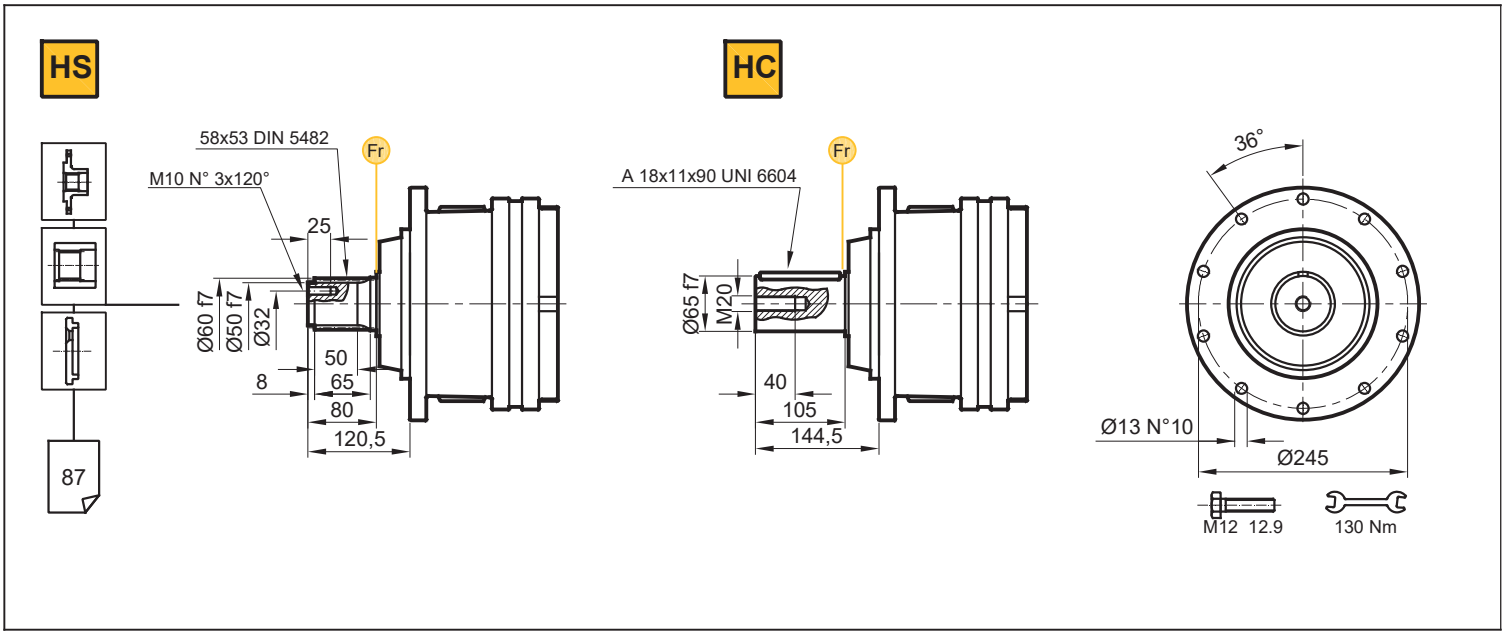


PDA..

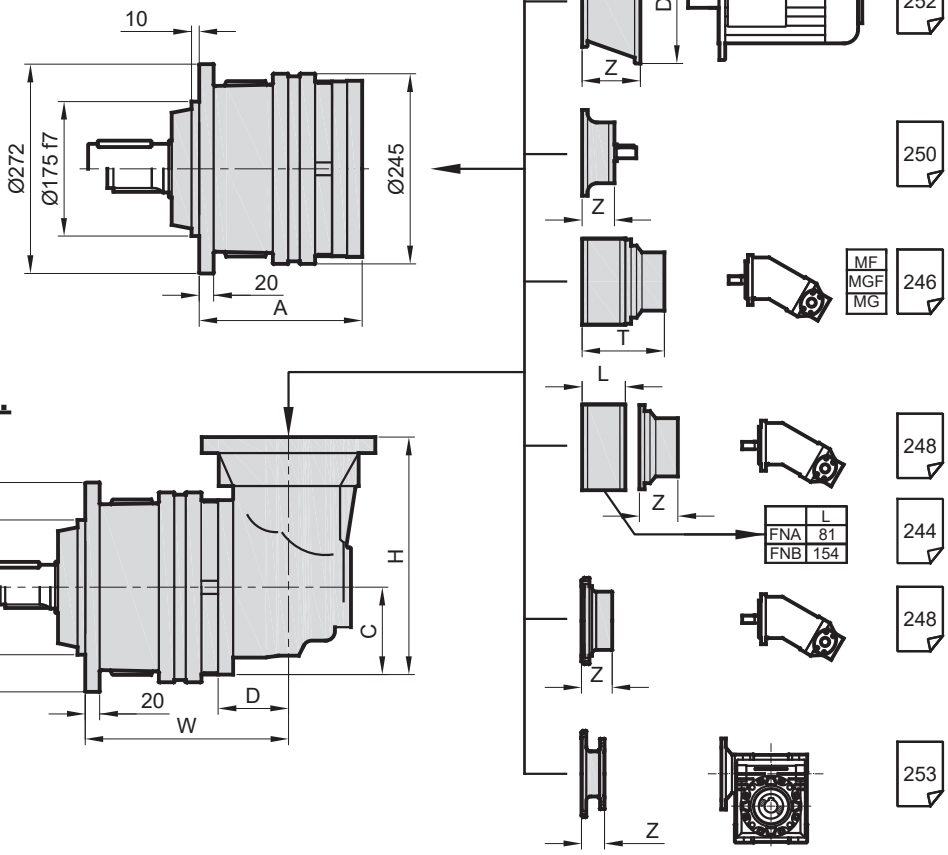
Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	178	36,1	-
S2	244,5	103	122	319	239	40,4	64,8
S3	315,5	75	92,5	253,5	287	50,5	61,5
S4	363,5	75	92,5	253,5	335	57,2	68,2

	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 107



PD..



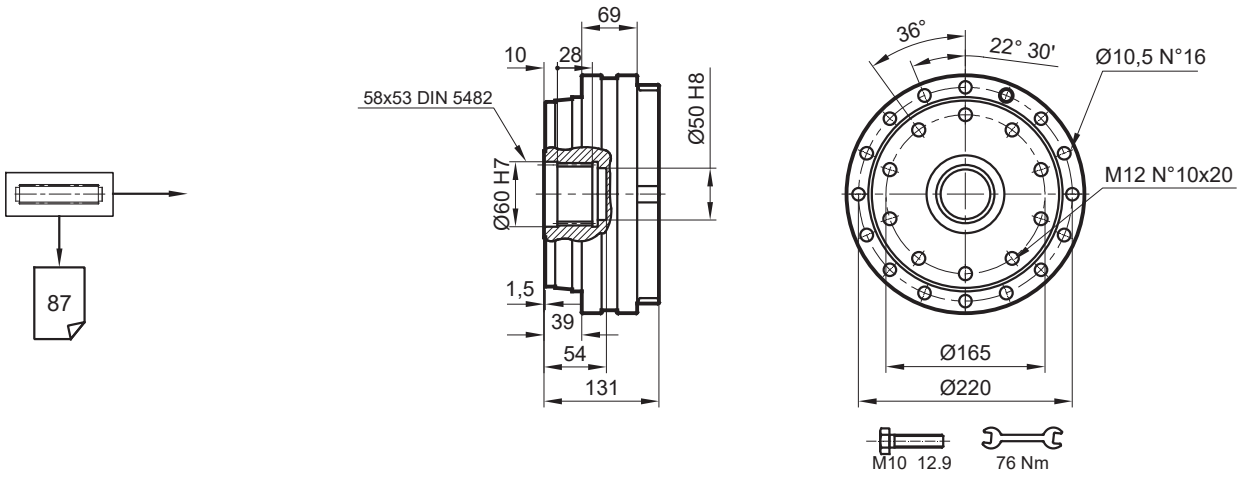
PDA..

Stage	W	D	C	H	A	PD H	PDA H
S1	-	-	-	-	186	42,2	-
S2	251	103	122	319	247	46,5	70,9
S3	322	75	92,5	253,5	295	56,6	67,6
S4	370	75	92,5	253,5	343	63,3	74,3

	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 107

S



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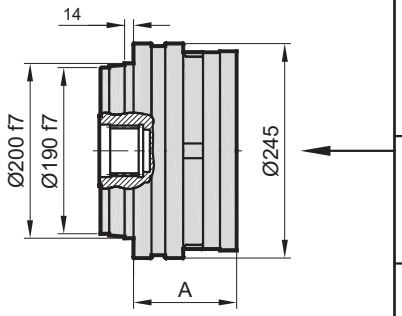
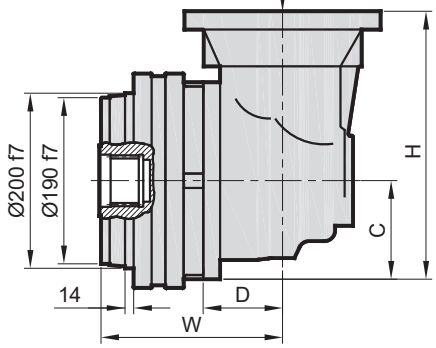
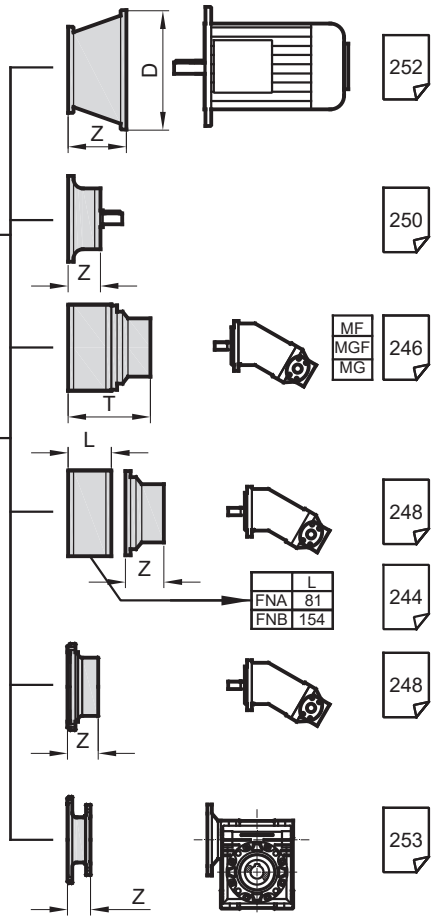


PDA..



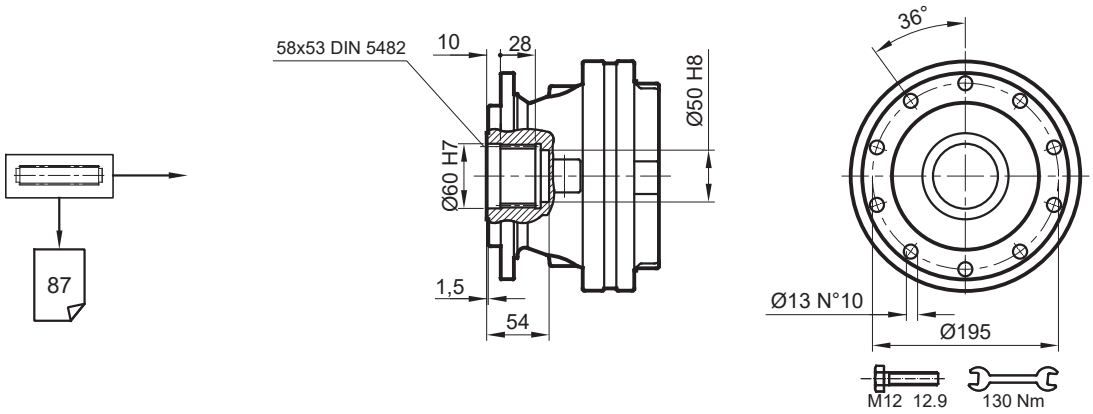


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	129,5	21,9	-
S2	194,5	103	122	319	190,5	26,2	50,6
S3	266	75	92,5	253,5	238,5	36,3	47,3
S4	314	75	92,5	253,5	286,5	43	54

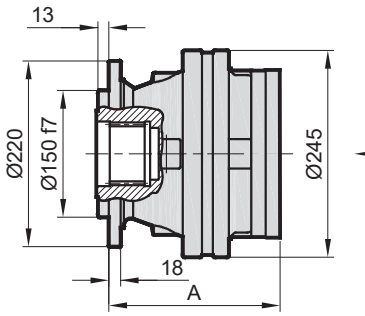
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 107

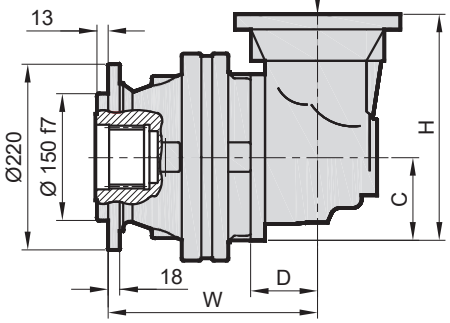
SF

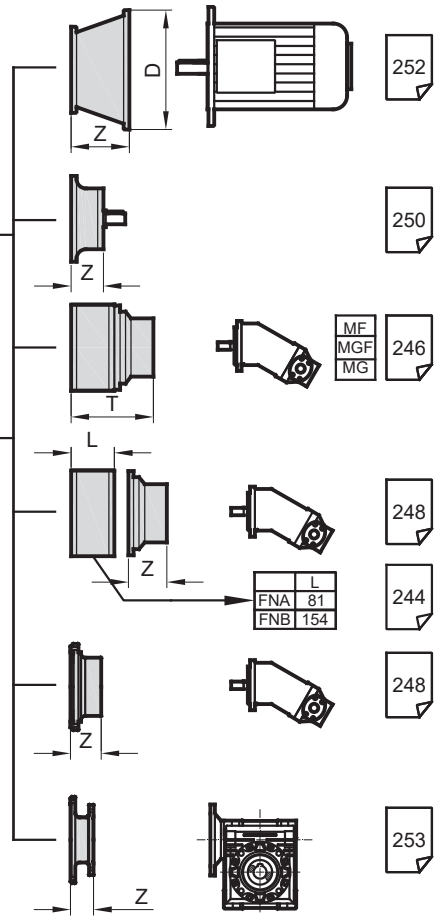


PD..



PDA..

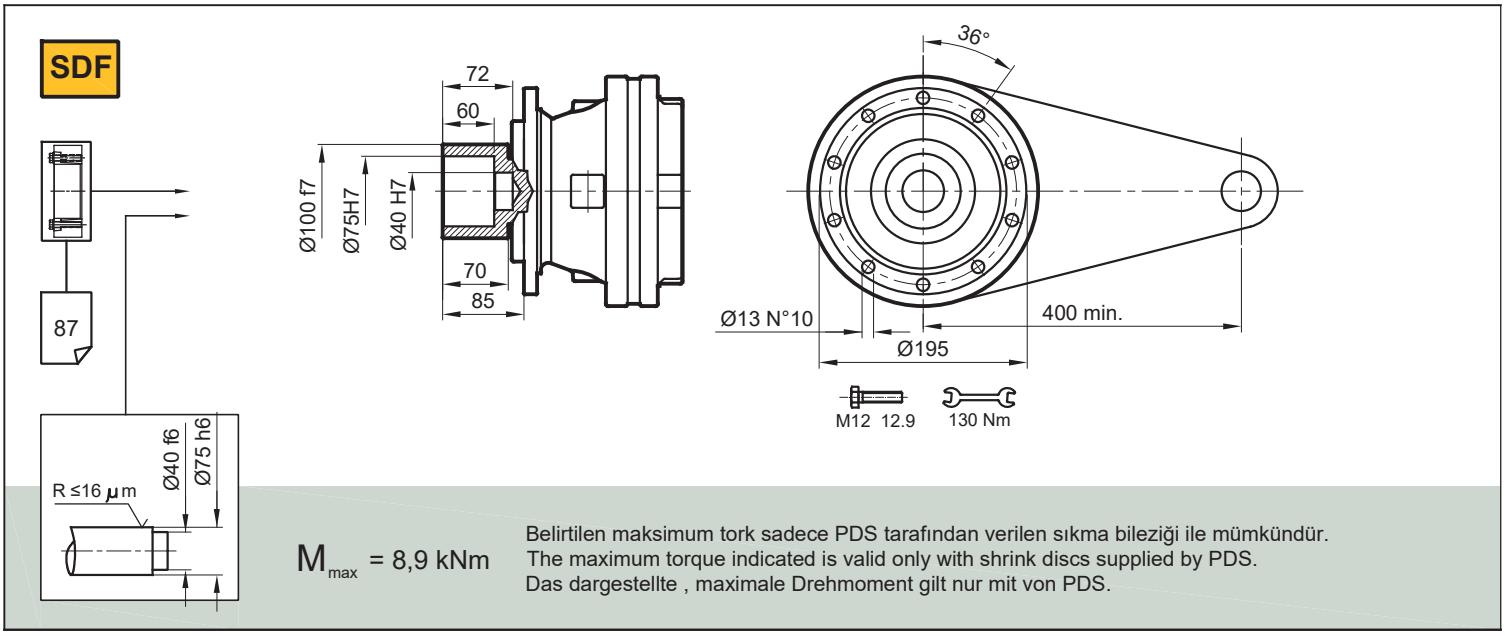




Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	179	32,6	-
S2	244,5	103	122	319	240	36,9	61,3
S3	315,5	75	92,5	253,5	288	47	58
S4	363,5	75	92,5	253,5	336	53,7	64,7

	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

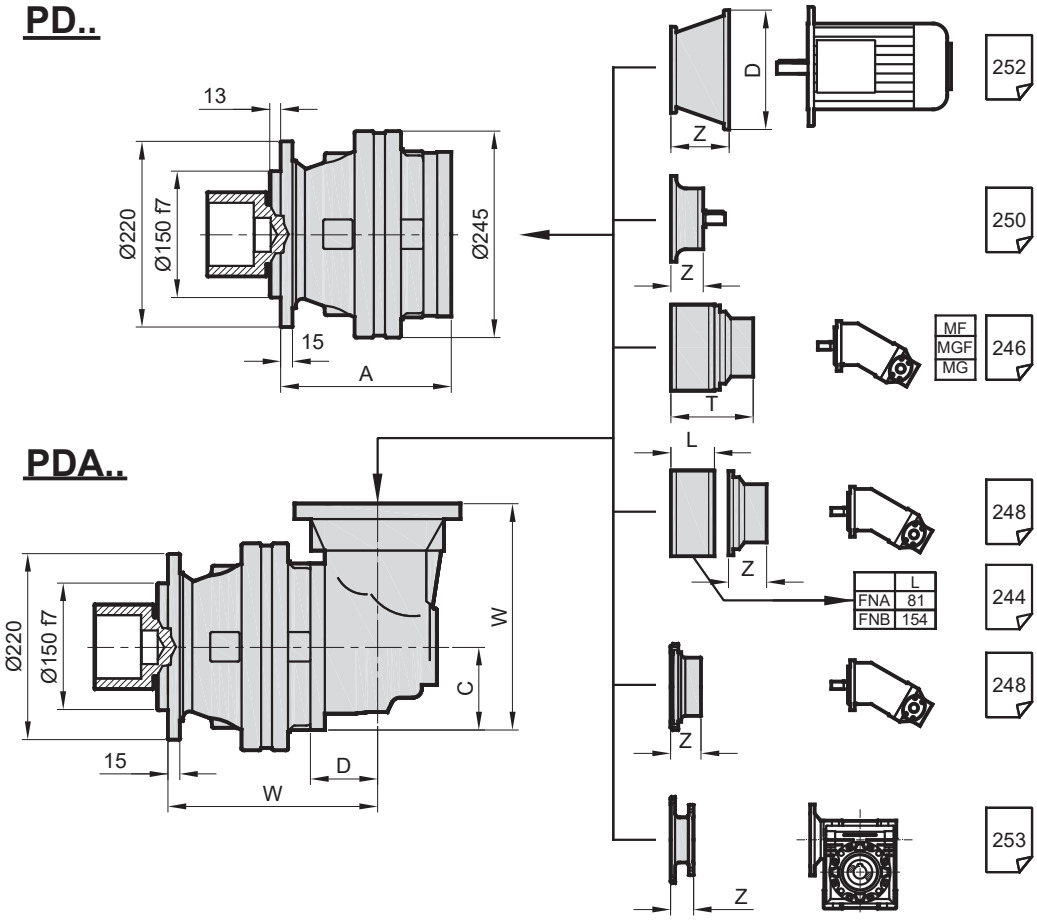
PD/PDA 107



M_{max} = 8,9 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..



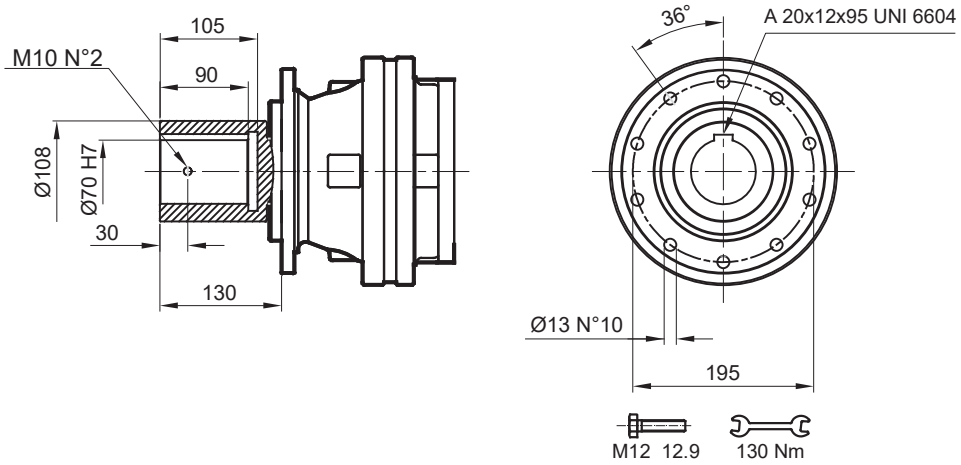
PDA..

Stage	W	D	C	H	A	PD / SDF	PDA / SDF
S1	-	-	-	-	179	35,7	–
S2	244,5	103	122	319	240	40	64,4
S3	315,5	75	92,5	253,5	288	50,1	61,1
S4	363,5	75	92,5	253,5	336	56,8	67,8

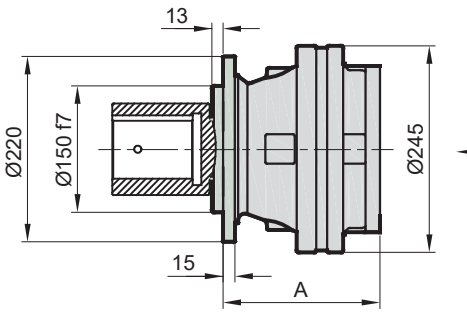
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 107

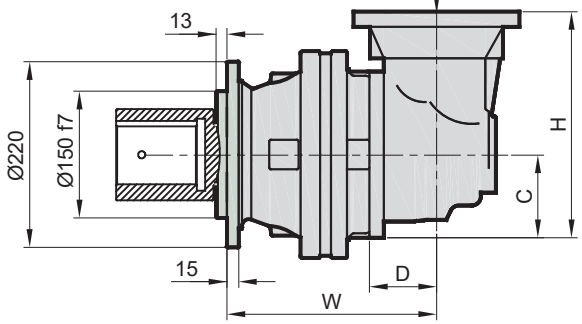
DKM

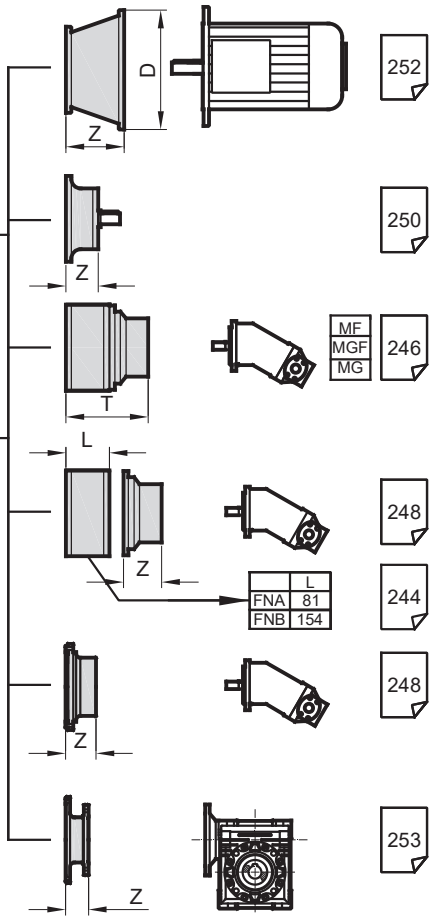


PD..



PDA..



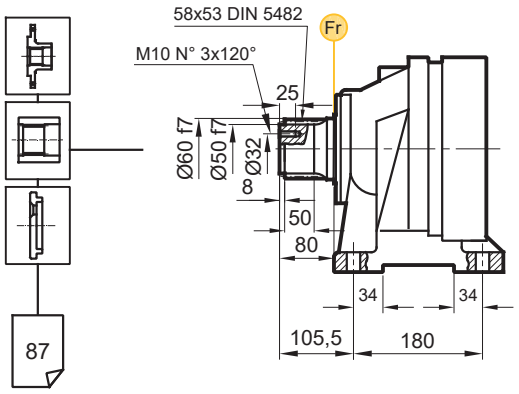


Stage	W	D	C	H	A	PD DKM	PDA DKM
S1	-	-	-	-	179	38,4	-
S2	244,5	103	122	319	140	42,7	67,1
S3	315,5	75	92,5	253,5	288	52,8	63,8
S4	363,5	75	92,5	253,5	336	59,5	70,5

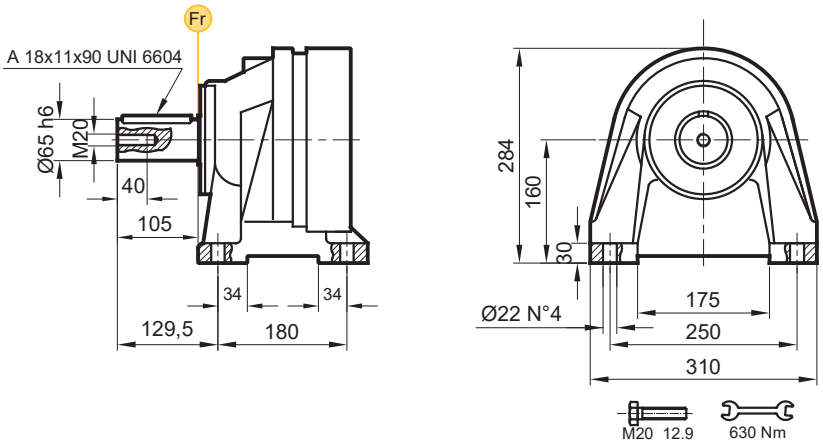
	H71		H80 / 90		H100 / 112		H132		H160 / 180	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z
S1	185	35,5	201	61,5	247	71	300	104	350	120,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5
S3	185	35,5	201	61,5	-	-	300	104	350	120,5
S4	185	35,5	201	61,5	-	-	300	104	350	120,5

PD/PDA 107

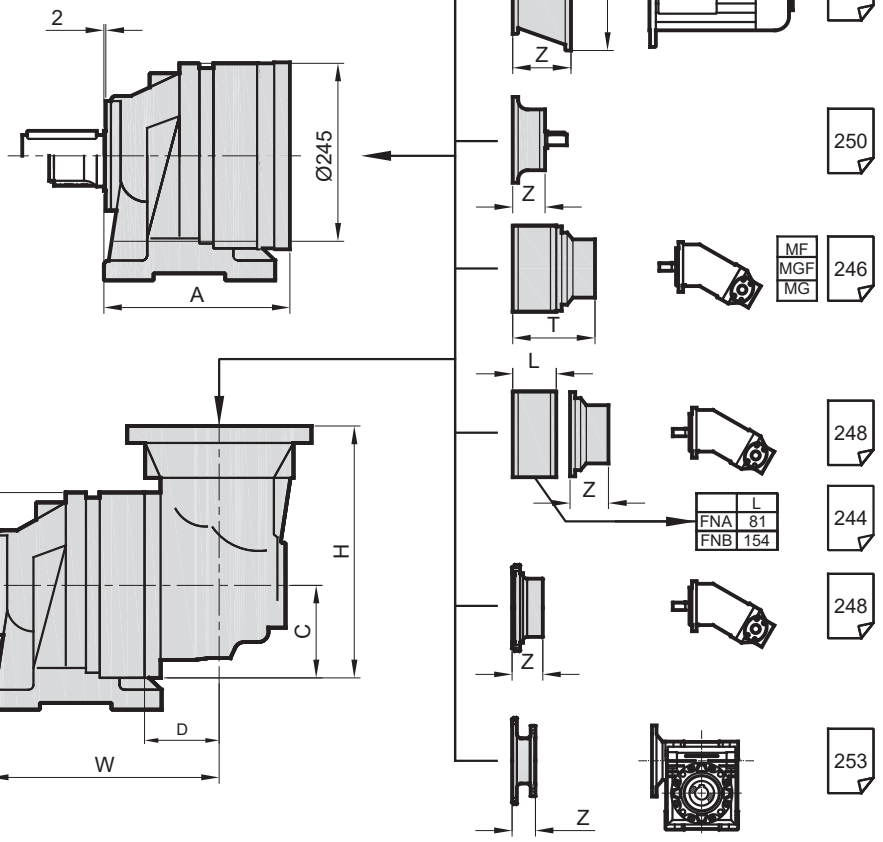
FVS



FVC



PD..



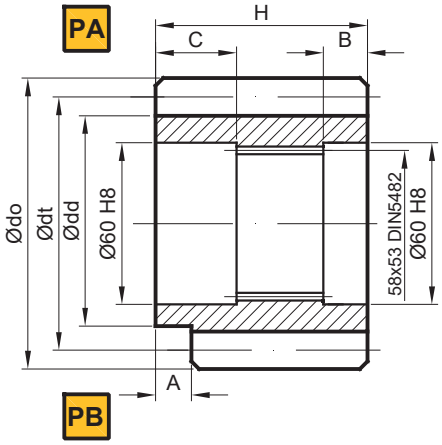
PDA..

Stage	W	D	C	H	A	PD FVC	PDA FVC
S1	-	-	-	-	225	49,9	-
S2	290,5	103	122	319	286	54,2	78,6
S3	362	75	92,5	253,5	334	64,3	75,3
S4	410	75	92,5	253,5	382	71	82

	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 107

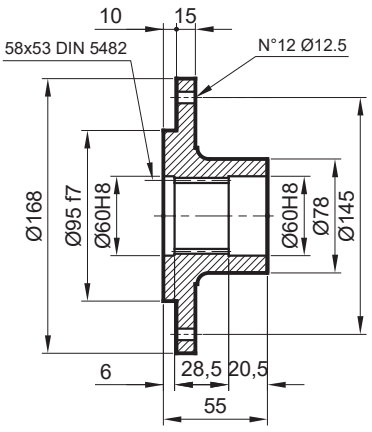
P *Pinyon / Pinion / Ritzel*



	m	z	x	dd	dt	do	H	A	B	C	Malzeme Material Material
PA	8	13	0	88	104	120	68	0	8.5	22.5	42CrMo4
PA	8	11	0.85	74.8	88	110.8	68	0	8.5	22.5	42CrMo4
PA	8	12	0.1	88	96	112.8	68	0	8	21	42CrMo4
PB	10	14	0.24	117.4	140	162.4	116	13	9.5	22.5	42CrMo4
PA	8	15	0	100	120	136	68	0	8.5	22.5	42CrMo4
PA	6	14	0.6	72.6	84	99.6	95	0	23	21	42CrMo4
PA	10	11	1.21	97.1	110	142.1	90	0	8	22.5	42CrMo4

FL Flanş / *Flange* / Flansch

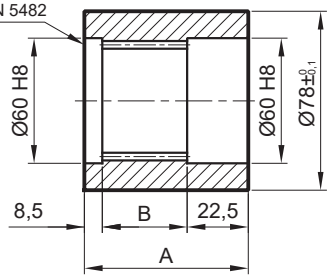
	A	B
FS	68	37
HS	80	49



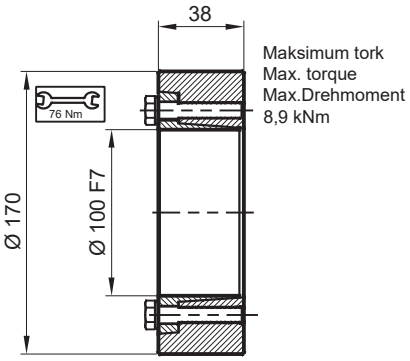
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /Material Material
DIN 1.7225
42CrMo4

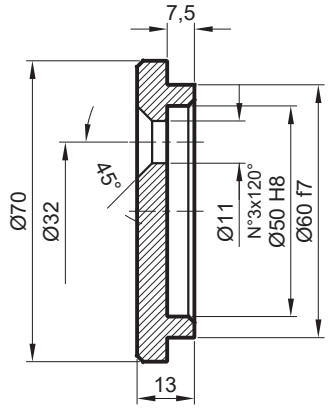
	A	B
FS	68	37
HS	80	49



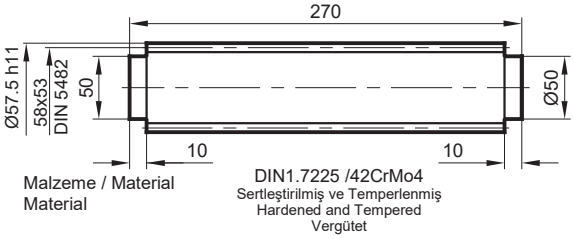
SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



FM Frezeli Mil / Splined rod Außenverzahnte Welle



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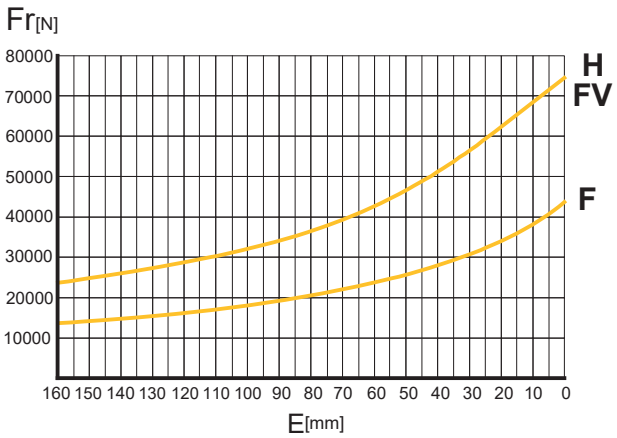
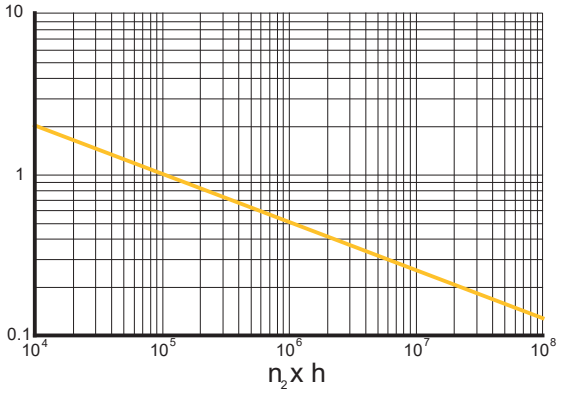
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

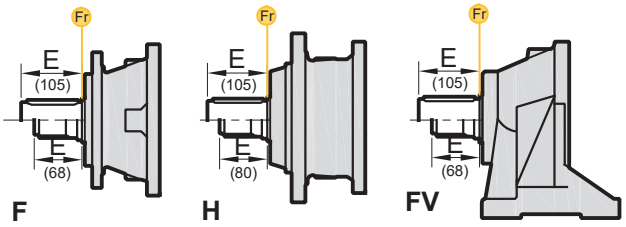
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

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	→