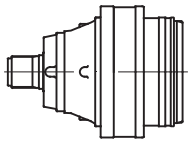
PD 113

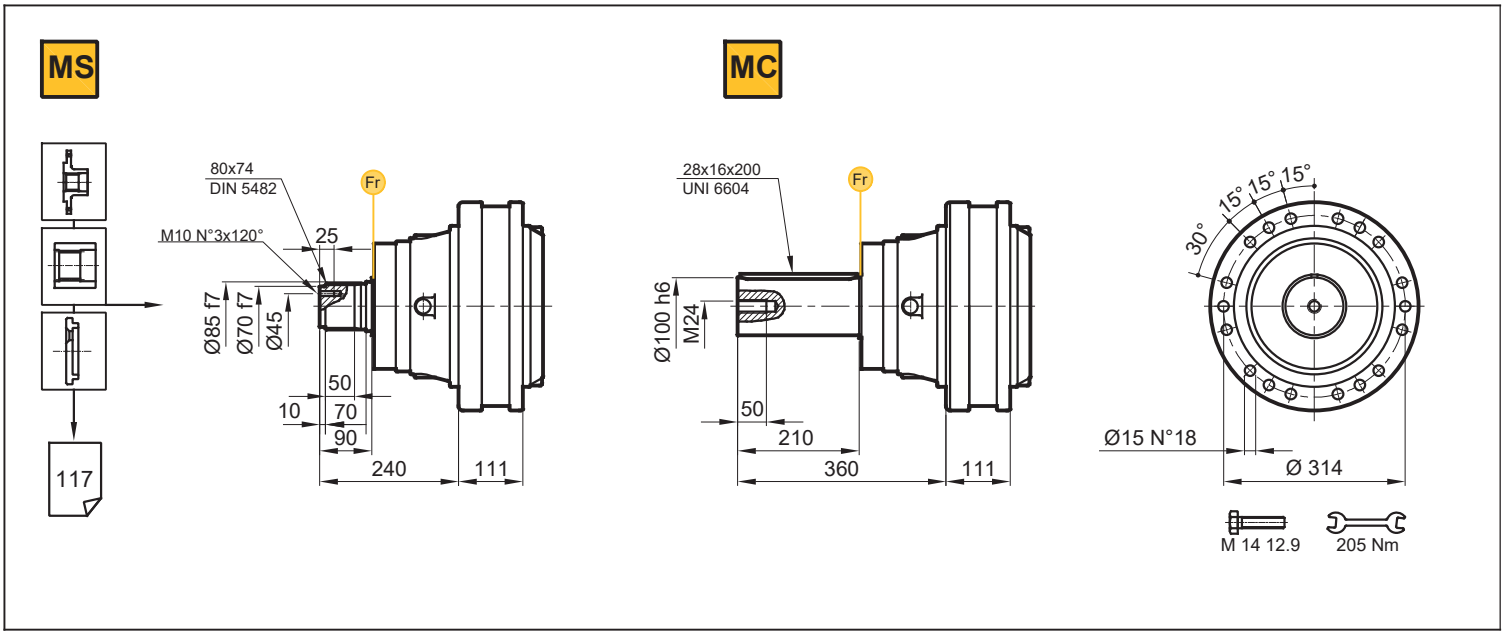
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PD 113 S1	3.55	20360	18020	15330	13570	2000	36040	40
	4.28	17740	15700	13360	11830	2000	31400	40
	5.60	13570	12010	10220	9050	2000	24020	40
	6.75	10320	9130	7770	6880	2000	18260	40
	8,67	7470	6615	5625	4980	2000	13230	40
PD 113 S2	13.4	20360	18020	15330	13570	2800	36040	23
	16.2	17740	15700	13360	11830	2800	31400	23
	22.1	17740	15700	13360	11830	2800	31400	23
	28.9	13570	12010	10220	9050	2800	24020	23
	33.6	13570	12010	10220	9050	2800	24020	23
	40.5	10320	9130	7770	6880	2800	18260	23
	48.9	10320	9130	7770	6880	2800	18260	23
PD 113 S3	57.6	20360	18020	15330	13570	2800	36040	15
	69.4	17740	15700	13360	11830	2800	31400	15
	75.7	17740	15700	13360	11830	2800	31400	15
	94.9	17740	15700	13360	11830	2800	31400	15
	109.3	17740	15700	13360	11830	2800	31400	15
	118.5	13570	12010	10220	9050	2800	24020	15
	124.0	17740	15700	13360	11830	2800	31400	15
	129.4	13570	12010	10220	9050	2800	24020	15
	142.8	13570	12010	10220	9050	2800	24020	15
	155.9	13570	12010	10220	9050	2800	24020	15
	188.2	13570	12010	10220	9050	2800	24020	15
	195.3	13570	12010	10220	9050	2800	24020	15
	200.2	13750	12010	10220	9050	2800	24020	15
	226.8	13570	12010	10220	9050	2800	24020	15
	235.4	10320	9130	7770	6880	2800	18260	15
	274.1	13570	12010	10220	9050	2800	24020	15
	330.3	10320	9130	7770	6880	2800	18260	15
	351.9	13570	12010	10220	9050	2800	24020	15
PD 113 S4	246.6	20360	18020	15330	13570	2800	36040	11
	388.5	20360	18020	15330	13570	2800	36040	11
	413.9	20360	18020	15330	13570	2800	36040	11
	468.2	17740	15700	13360	11830	2800	31400	11
	498.8	20360	18020	15330	13570	2800	36040	11
	507.7	20360	15700	13360	11830	2800	31400	11
	531.3	17740	15700	13360	11830	2800	31400	11
	554.3	17740	15700	13360	11830	2800	31400	11
	601.2	17740	15700	13360	11830	2800	31400	11
	611.9	17740	15700	13360	11830	2800	31400	11
	640.4	17740	15700	13360	11830	2800	31400	11
	724.4	13570	12010	10220	9050	2800	24020	11
	805.4	17740	15700	13360	11830	2800	31400	11
	907.3	13570	12010	10220	9050	2800	24020	11
	1008.7	17740	15700	13360	11830	2800	31400	11
	1093.6	13570	12010	10220	9050	2800	24020	11
	1270.1	13570	12010	10220	9050	2800	24020	11
	1530.9	13570	12010	10220	9050	2800	24020	11
	1849.8	13570	12010	10220	9050	2800	24020	11
	2229.7	10320	9130	7770	6880	2800	18260	11

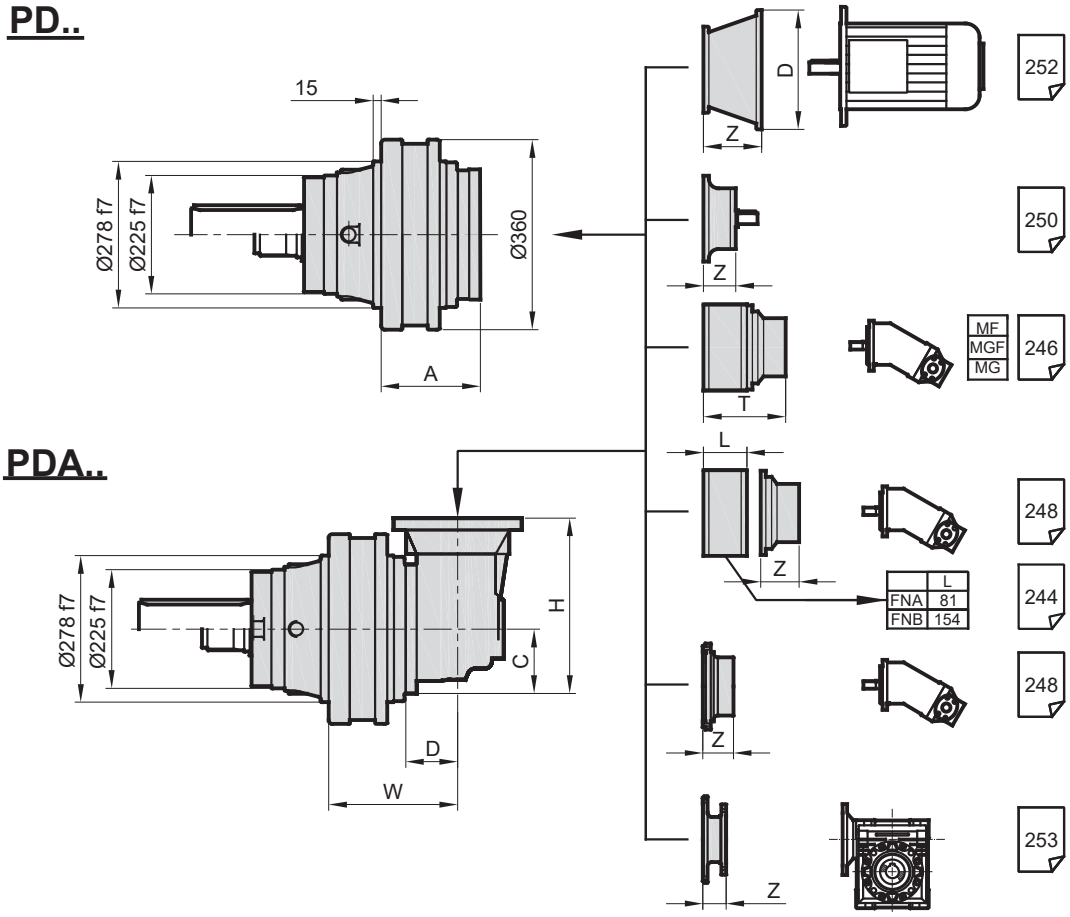
PDA 113

	i	T_2 [Nm]				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		$n_2$xh						
		10 000	20 000	50 000	100 000			
PDA 113 S2	9.9	20360	18020	15330	13570	2800	36040	23
	11.9	17740	15700	13360	11830	2800	31400	23
	15.6	13570	12010	10220	9050	2800	24020	23
	18.4	17740	15700	13360	11830	2800	31400	23
	24.0	13570	12010	10220	9050	2800	24020	23
	28.9	10320	9130	7770	6880	2800	18260	23
PDA 113 S3	30.9	20360	18020	15330	13570	2800	36040	15
	37.2	17740	15700	13360	11830	2800	31400	15
	46.2	20360	18020	15330	13570	2800	36040	15
	50.9	17740	15700	13360	11830	2800	31400	15
	55.7	17740	15700	13360	11830	2800	31400	15
	60.8	17740	15700	13360	11830	2800	31400	15
	66.6	13570	12010	10220	9050	2800	24020	15
	76.2	17740	15700	13360	11830	2800	31400	15
	80.2	10320	9130	7770	6880	2800	18260	15
	87.7	10320	9130	7770	6880	2800	18260	15
	93.4	13570	12010	10220	9050	2800	24020	15
	115.6	13570	12010	10220	9050	2800	24020	15
	120.0	10320	9130	7770	6880	2800	18260	15
	139.7	13570	12010	10220	9050	2800	24020	15
	168.4	10320	9130	7770	6880	2800	18260	15
PDA 113 S4	139.9	20360	18020	15330	13570	2800	36040	11
	168.6	20360	18020	15330	13570	2800	36040	11
	203.2	17740	15700	13360	11830	2800	31400	11
	221.9	17740	15700	13360	11830	2800	31400	11
	265.6	17740	15700	13360	11830	2800	31400	11
	290.0	17740	15700	13360	11830	2800	31400	11
	320.2	17740	15700	13360	11830	2800	31400	11
	349.6	17740	15700	13360	11830	2800	31400	11
	379.0	13570	12010	10220	9050	2800	24020	11
	418.4	13570	12010	10220	9050	2800	24020	11
	437.9	17740	15700	13360	11830	2800	31400	11
	456.9	13570	12010	10220	9050	2800	24020	11
	474.7	13570	12010	10220	9050	2800	24020	11
	537.2	13570	12010	10220	9050	2800	24020	11
	551.3	13570	12010	10220	9050	2800	24020	11
	664.5	13570	12010	10220	9050	2800	24020	11
	803.0	13570	12010	10220	9050	2800	24020	11
	967.9	10320	9130	7770	6880	2800	18260	11
	1031.0	13570	12010	10220	9050	2800	24020	11

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

PD/PDA 113

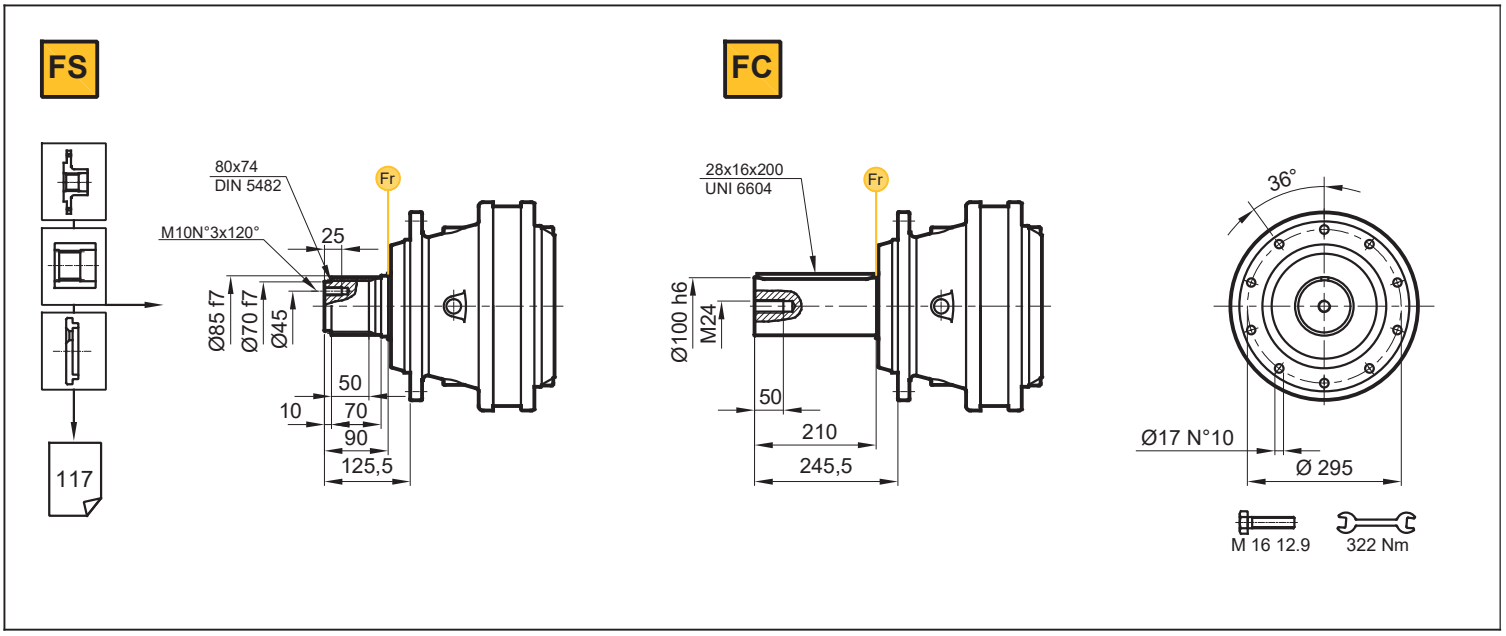


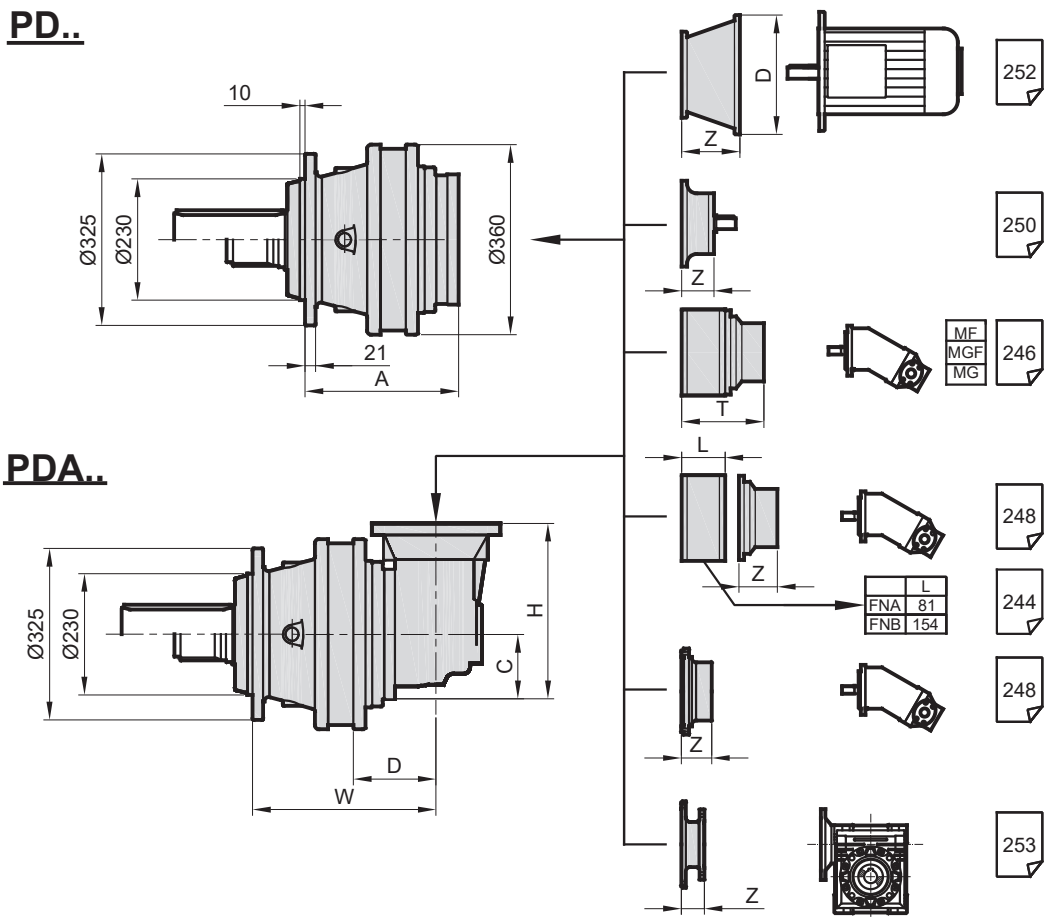


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	142	109	-
S2	214	121	172,5	457	214	125	170
S3	279	103	122	319	275	133	153
S4	350	75	92,5	253,5	323	140	151

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 113



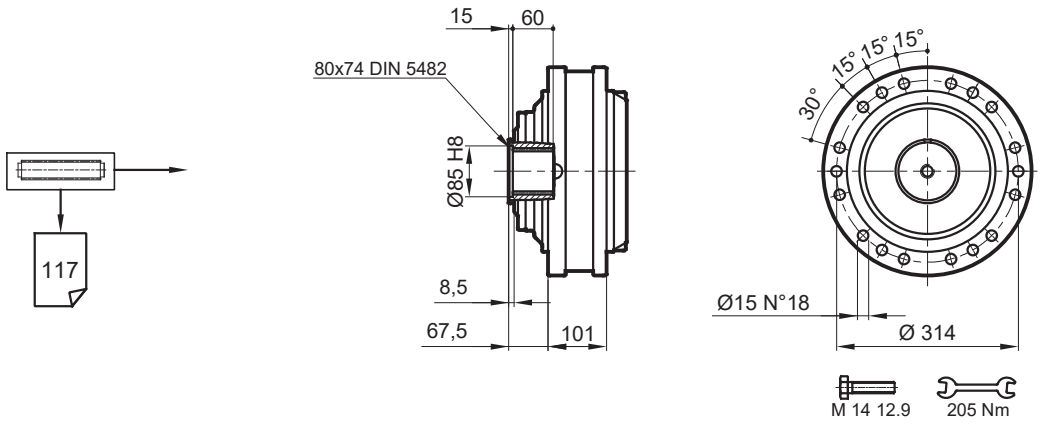


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	246	108	-
S2	318	121	172,5	457	318	124	170
S3	383	103	122	319	379	132	152
S4	454	75	92,5	253,5	427	139	150

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

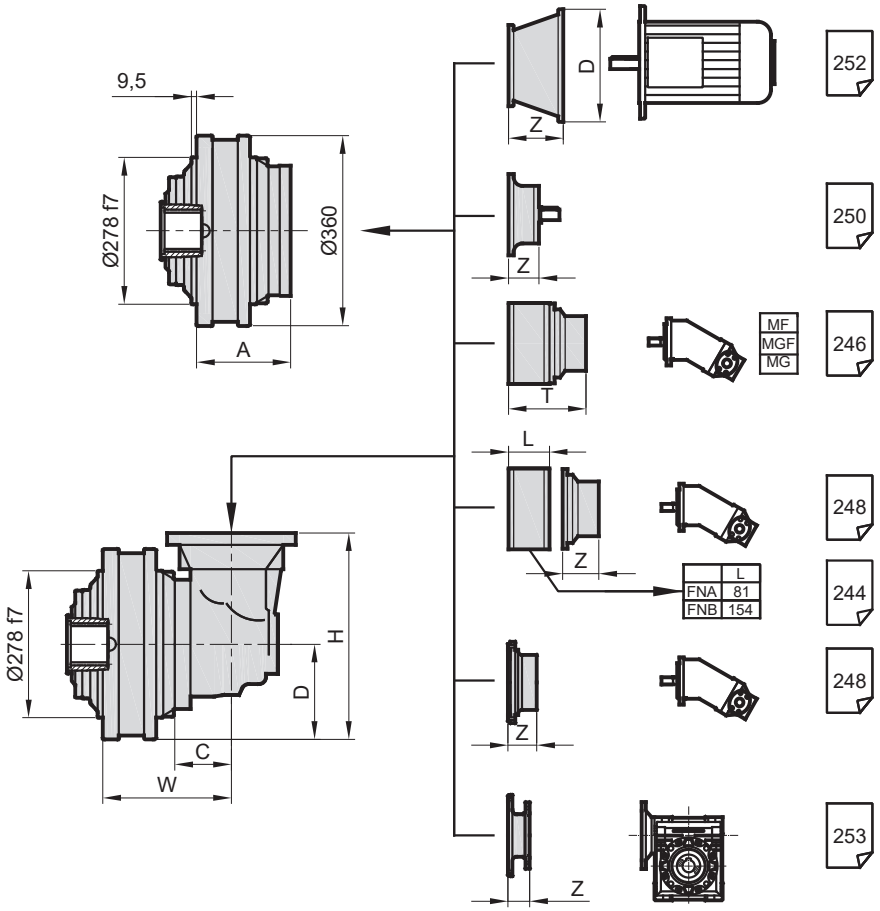
PD/PDA 113

S



PD..

PDA..

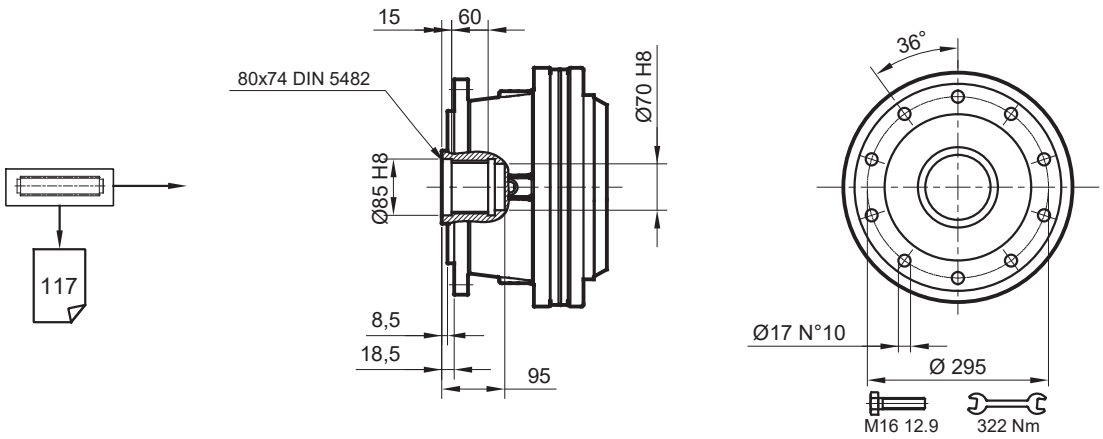


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	132	67	-
S2	204	121	172,5	457	204	83	129
S3	269	103	122	319	265	92	112
S4	340	75	93	252	313	98	109

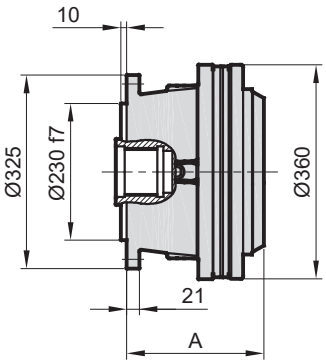
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 113

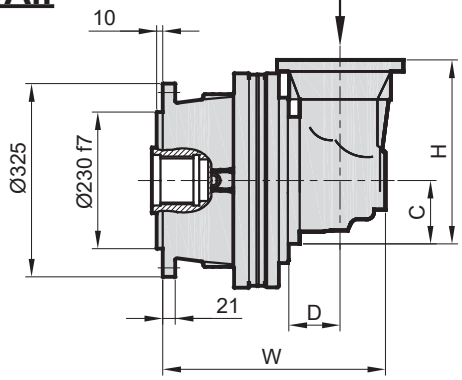
SF

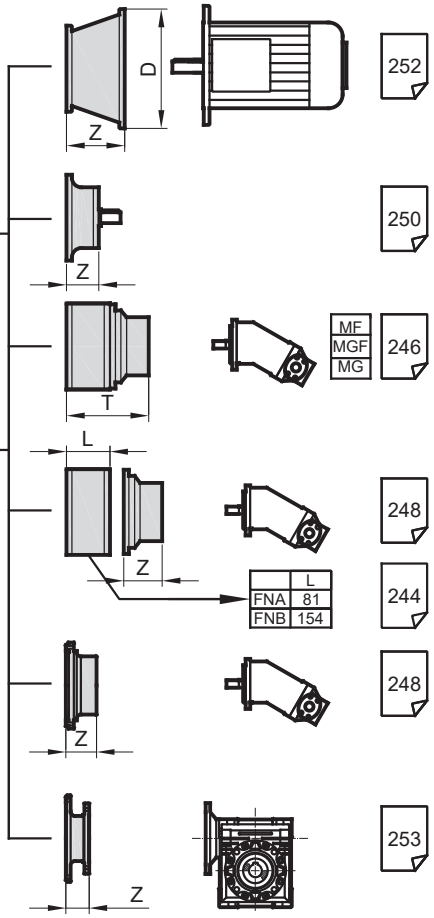


PD..



PDA..

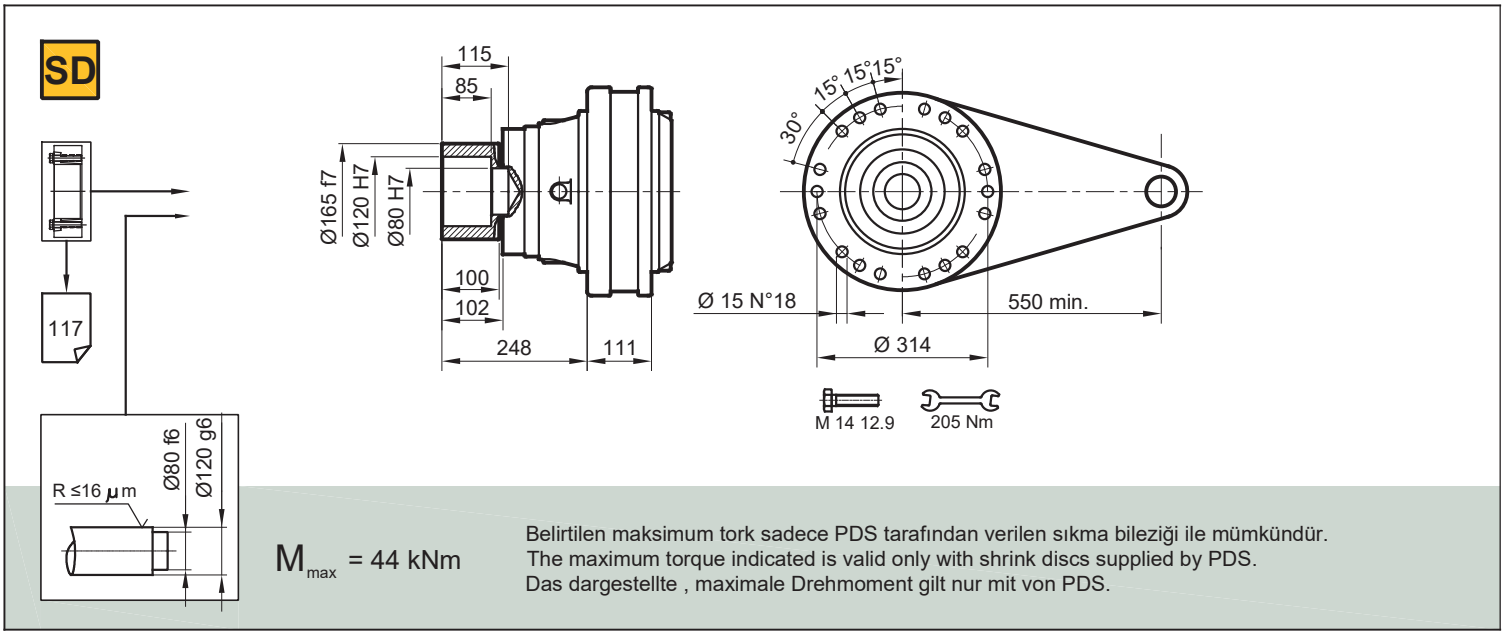




Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	246,5	92	-
S2	318,5	121	172,5	457	318,5	108	153
S3	383,5	103	122	319	379,5	116	136
S4	455	75	92,5	253,5	427,5	123	134

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

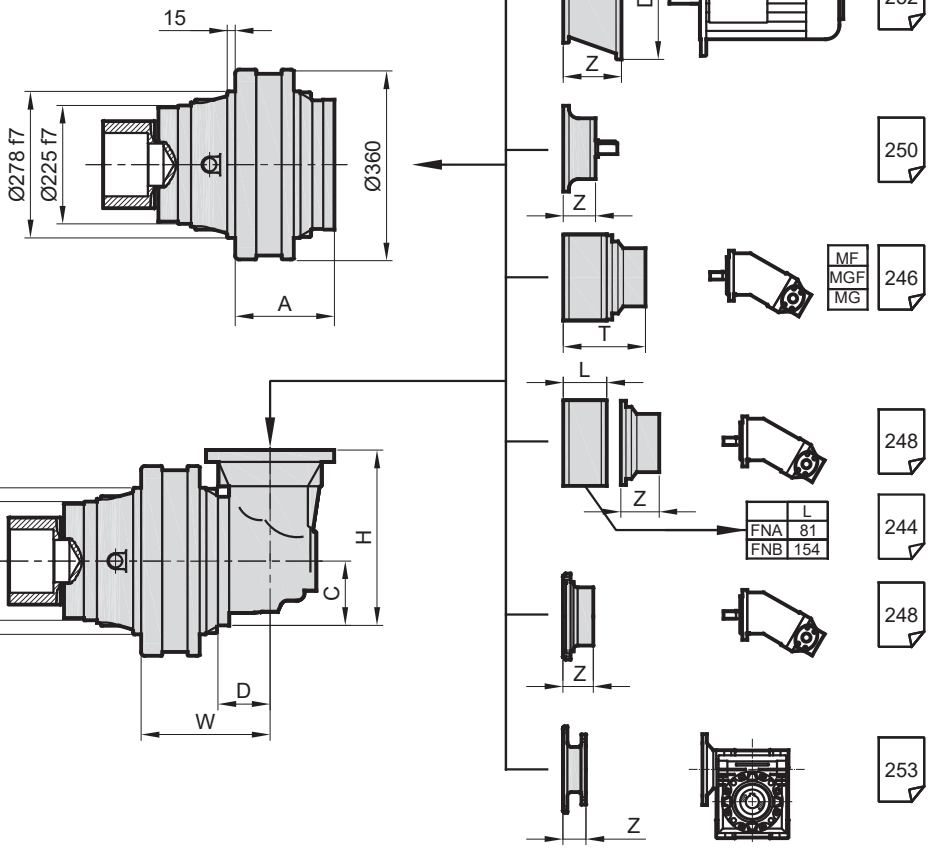
PD/PDA 113



M_{max} = 44 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..



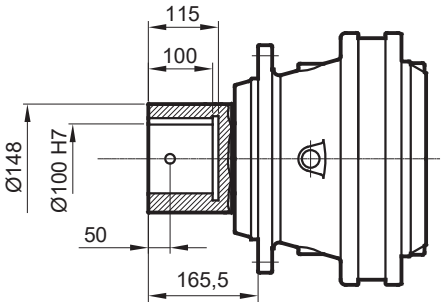
PDA..

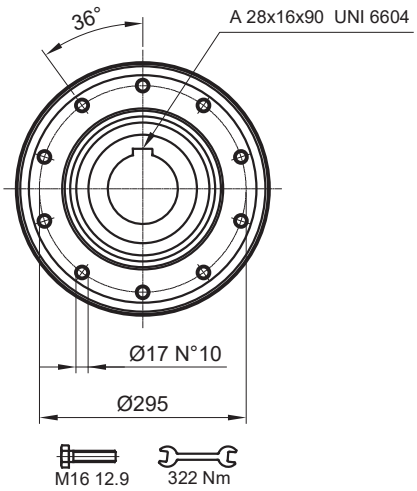
Stage	W	D	C	H	A	PD SD	PDA SD
S1	-	-	-	-	142	104	-
S2	214	121	172,5	457	214	120	165
S3	279	103	122	319	275	128	148
S4	350	75	92,5	253,5	323	135	146

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

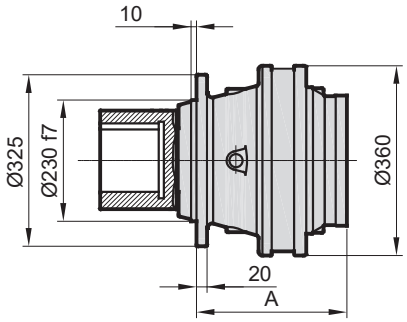
PD/PDA 113

DKM





PD..



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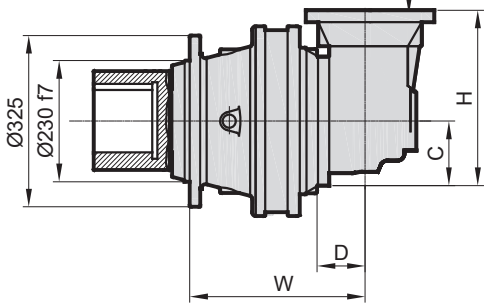
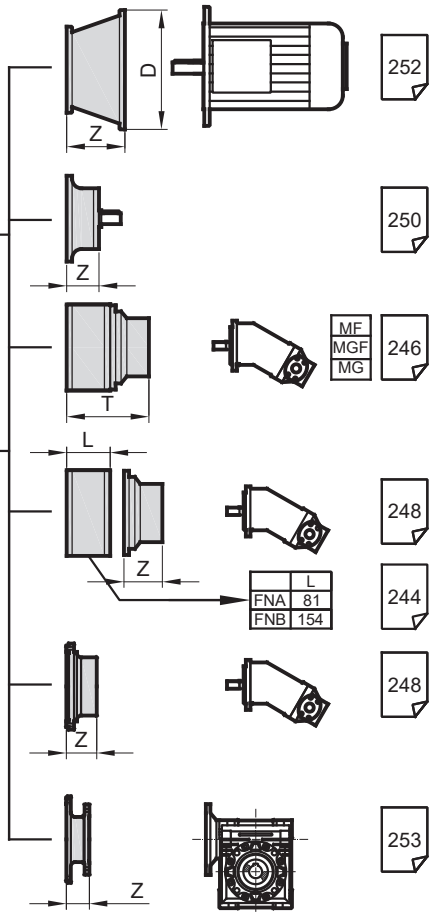
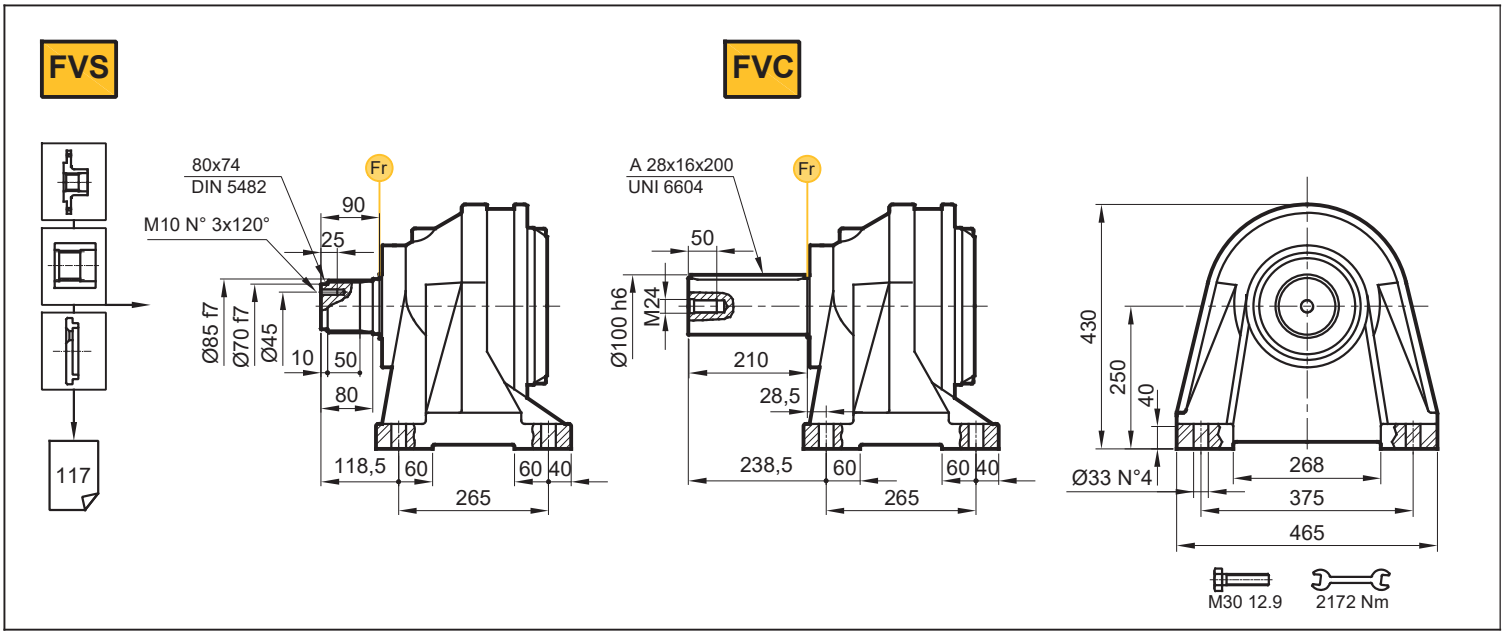


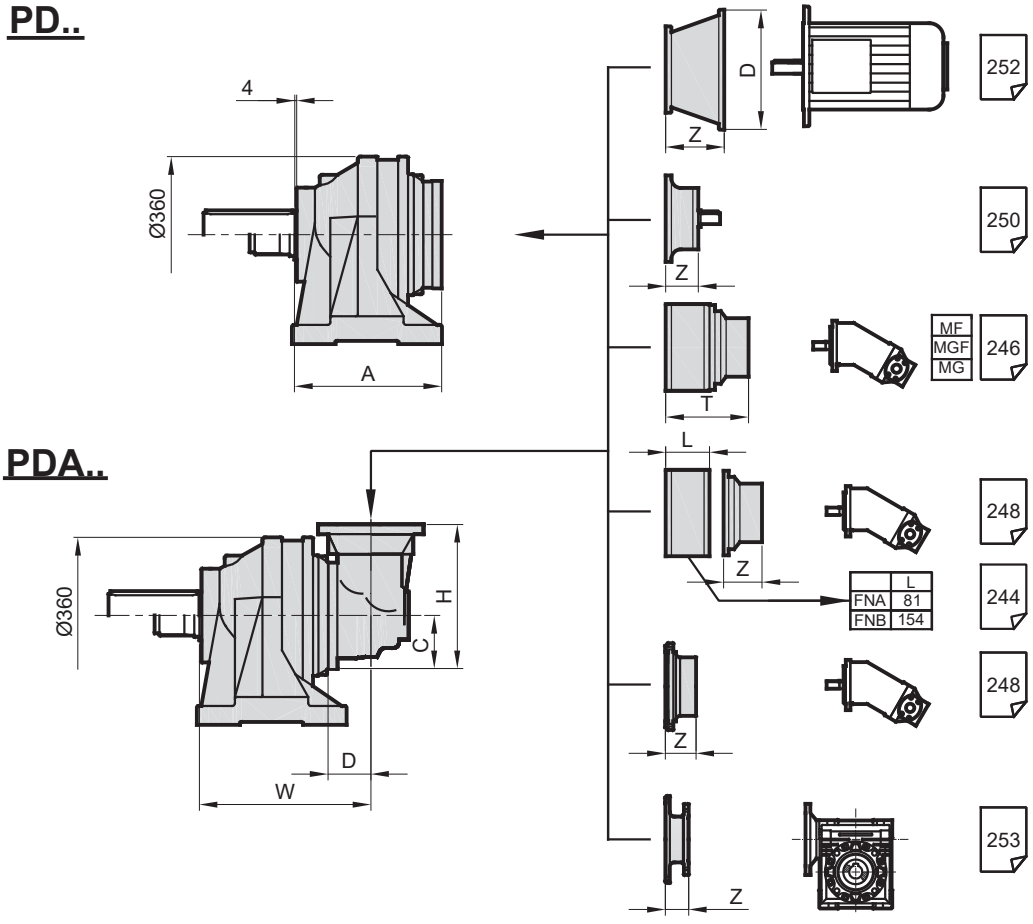


Stage	W	D	C	H	A	PD DKM	PDA DKM
S1	-	-	-	-	246	105	-
S2	318	121	172,5	457	318	121	167
S3	383	103	122	319	379	129	149
S4	454	75	92,5	253,5	427	136	147

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 113



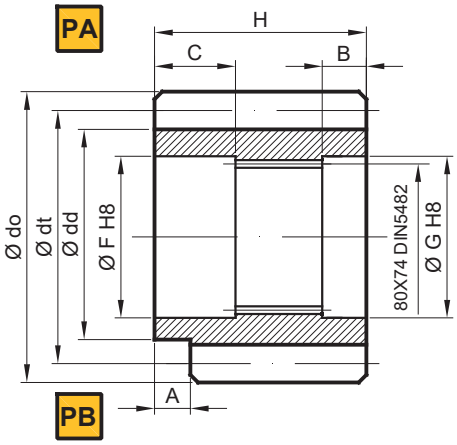


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	297	167	-
S2	369	121	172,5	457	369	183	229
S3	434	103	122	319	430	191	211
S4	505	75	92,5	253,5	478	198	209

	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S1	-	-	-	-	-	-	-	-	350	120,5	400	148,5	450	148,5	550	183,5
S2	185	35,5	201	61,5	247	71	300	104	350	120,5	400	148,5	450	148,5	-	-
S3	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	32,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

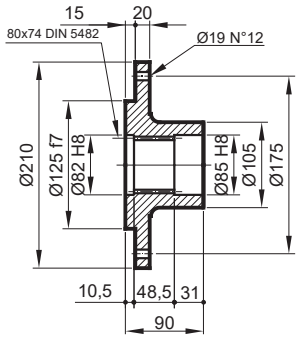
PD/PDA 113

P *Pinyon / Pinion / Ritzel*



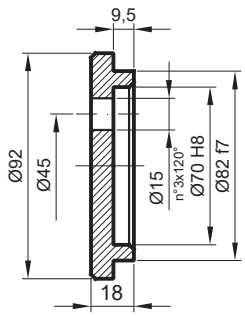
		m	z	x	dd	dt	do	H	A	B	C	F	G	Malzeme Material Material
PA	M	10	12	0	95	120	140	90	0	10	31	85	80	42CrMo4
PA	M	10	14	0	115	140	160	90	0	10	31	85	80	42CrMo4
PA	P	14	13	1	161	182	224	122	0	24	33	105	105	42CrMo4
PB	M	12	14	0,5	144	168	198	90	13	25	31	85	80	42CrMo4

FL Flanş / *Flange* / Flansch



MS

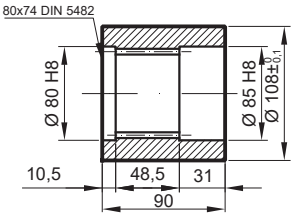
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



MS

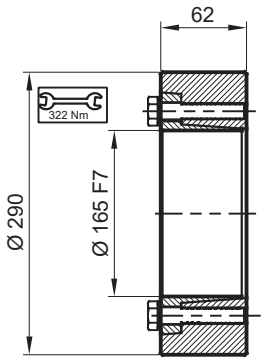
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /Material Material
DIN 1.7225 / 42CrMo4



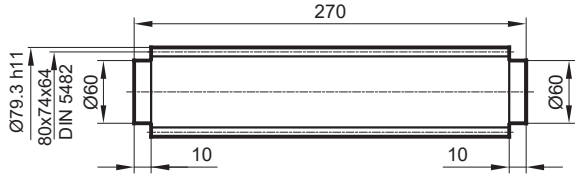
FS

SB Sıkma Bileziği / Shrink disc Schrumpfscheibe



Maksimum tork
Max. torque
Max.Drehmoment
44 kNm

FM Frezeli Mil / Splined rod Außenverzahnte Welle



Malzeme / Material
Material

DIN 1.7225 / 42CrMo4
Sertleştirilmiş ve Temperlenmiş
Hardened and Tempered
Vergütet

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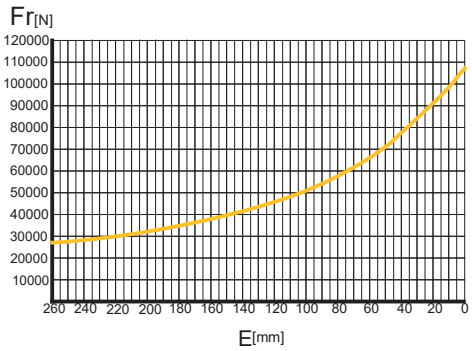
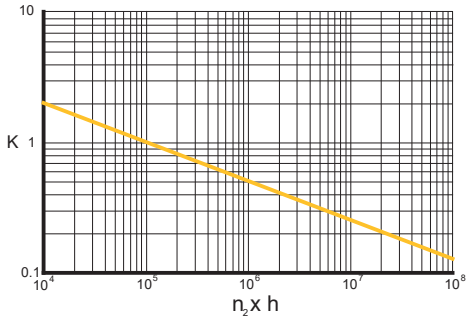
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

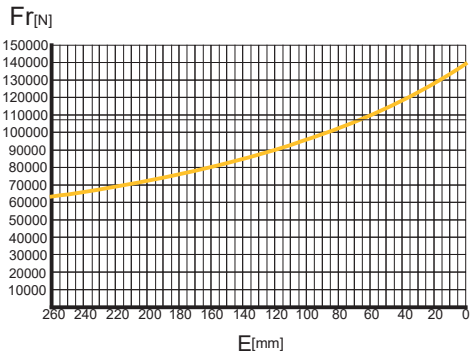
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

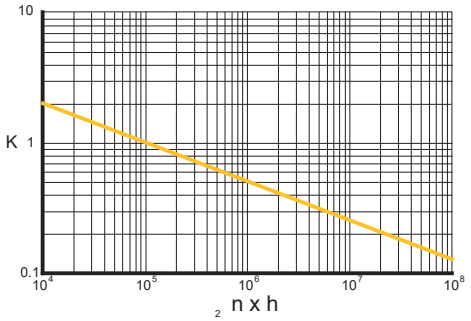
M-FV



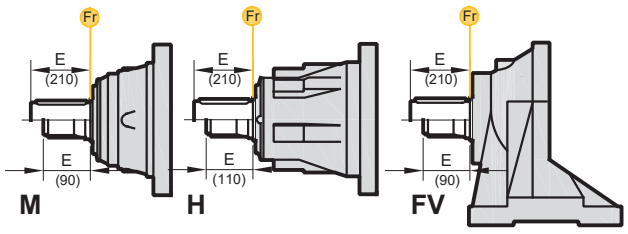


H





	nxh				
	10^5	10^4	10^6	10^7	10^8
M-H	Fr	Fr . K			
FV	Fr .0,75	Fr . K . 0,75			

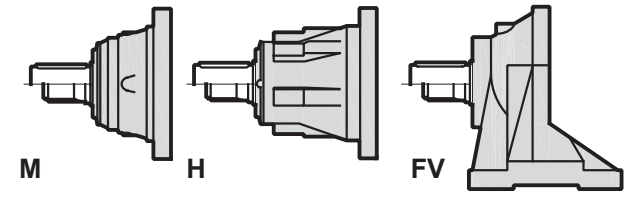


AKSİYEL YÜKLER (Fa)
Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

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]	M-CPC	H	
	45000	85000	←
	65000	85000	→



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