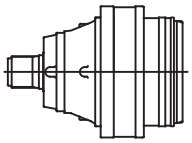
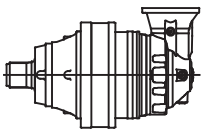
PD 115

	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 115 S2	13.0	20360	18020	15330	13570	2800	36040	25
	15.8	20360	18020	15330	13570	2800	36040	25
	19.0	17740	15700	13360	11830	2800	31400	25
	21.4	17740	15700	13360	11830	2800	31400	25
	24.9	17740	15700	13360	11830	2800	31400	25
	30.0	17740	15700	13360	11830	2800	31400	25
	39.2	13570	12010	10220	9050	2800	24020	25
	47.3	10320	9130	7770	6880	2800	18260	25
PD 115 S3	49.3	20360	18020	15330	13570	2800	36040	17
	53.8	20360	18020	15330	13570	2800	36040	17
	59.5	20360	18020	15330	13570	2800	36040	17
	65.0	20360	18020	15330	13570	2800	36040	17
	67.4	20360	18020	15330	13570	2800	36040	17
	73.3	20360	18020	15330	13570	2800	36040	17
	81.3	20360	18020	15330	13570	2800	36040	17
	88.4	17740	15700	13360	11830	2800	31400	17
	94.5	20360	18020	15330	13570	2800	36040	17
	98.0	17740	15700	13360	11830	2800	31400	17
	106.7	20360	18020	15330	13570	2800	36040	17
	114.2	20360	18020	15330	13570	2800	36040	17
	128.9	20360	18020	15330	13570	2800	36040	17
	149.1	17740	15700	13360	11830	2800	31400	17
	155.3	17740	15700	13360	11830	2800	31400	17
	180.2	17740	15700	13360	11830	2800	31400	17
	194.9	13570	12010	10220	9050	2800	24020	17
	217.5	17740	15700	13360	11830	2800	31400	17
PD 115 S4	175.1	20360	18020	15330	13570	2800	36040	13
	191.2	20360	18020	15330	13570	2800	36040	13
	238.8	20360	18020	15330	13570	2800	36040	13
	287.8	20360	18020	15330	13570	2800	36040	13
	301.2	20360	18020	15330	13570	2800	36040	13
	348.6	20360	18020	15330	13570	2800	36040	13
	363.0	20360	18020	15330	13570	2800	36040	13
	377.2	20360	18020	15330	13570	2800	36040	13
	393.6	20360	18020	15330	13570	2800	36040	13
	438.4	20360	18020	15330	13570	2800	36040	13
	489.2	20360	18020	15330	13570	2800	36040	13
	549.1	20360	18020	15330	13570	2800	36040	13
	582.1	20360	18020	15330	13570	2800	36040	13
	620.0	20360	18020	15330	13570	2800	36040	13
	677.9	20360	18020	15330	13570	2800	36040	13
	720.0	20360	18020	15330	13570	2800	36040	13
	770.6	20360	18020	15330	13570	2800	36040	13
	818.8	20360	18020	15330	13570	2800	36040	13
	849.7	17740	15700	13360	11830	2800	31400	13
	928.7	17740	15700	13360	11830	2800	31400	13
	987.2	17740	15700	13360	11830	2800	31400	13
	1112.9	17740	15700	13360	11830	2800	31400	13
	1216.2	17740	15700	13360	11830	2800	31400	13

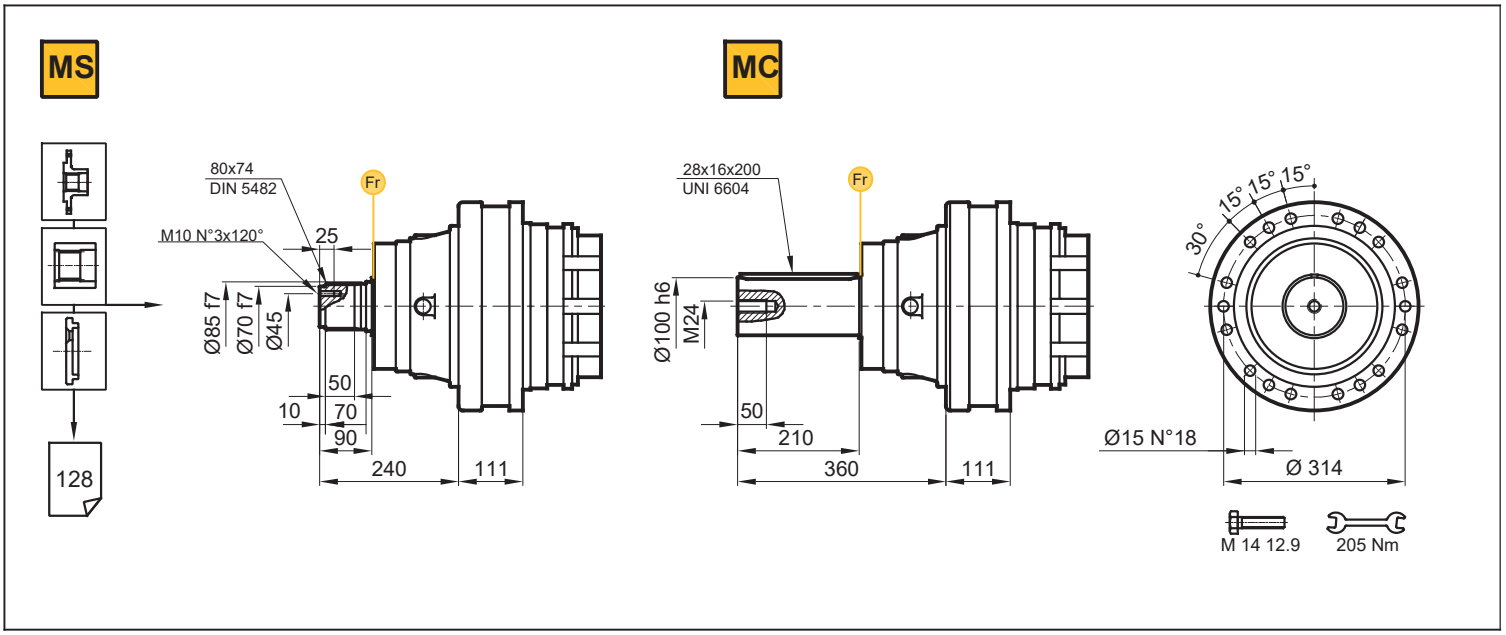
PDA 115

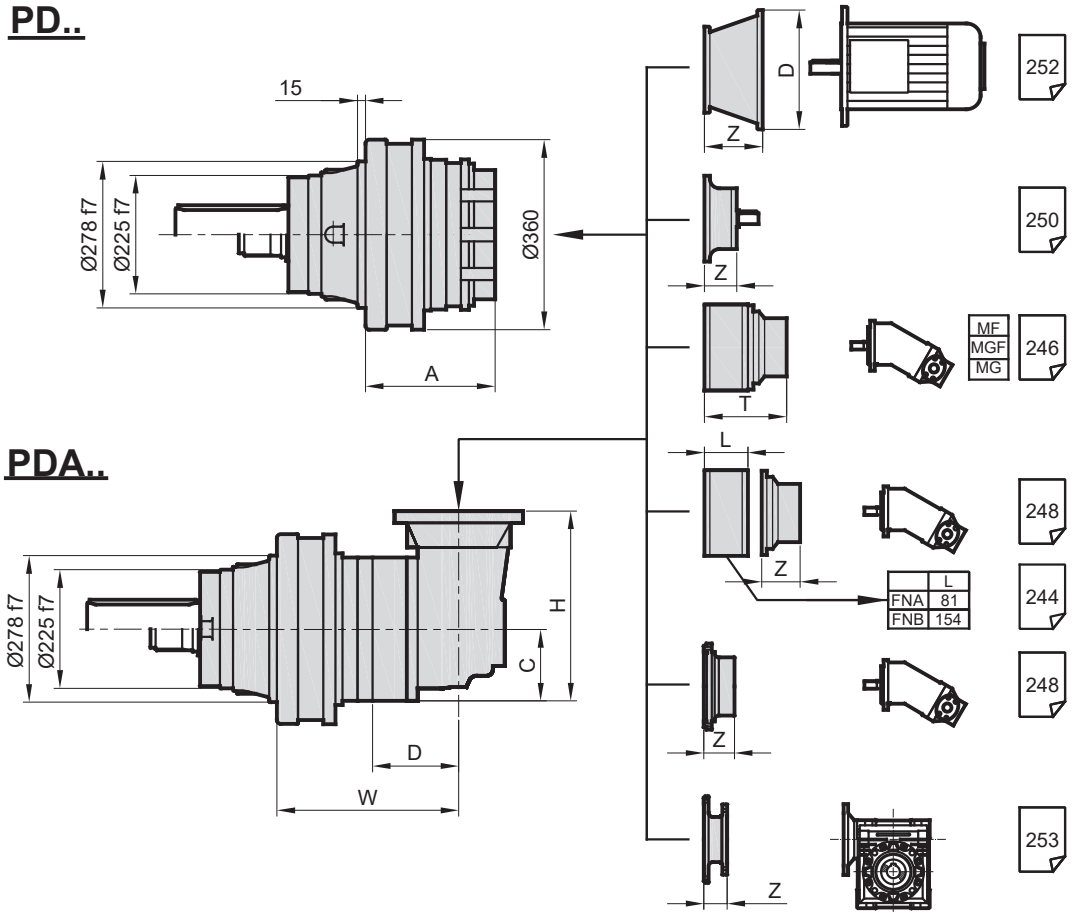
	i	T_2 [Nm] $n_2$xh				n_{1max} [min^{-1}]	T_{2max} [Nm]	P_t [kW]
		10 000	20 000	50 000	100 000			
PDA 115 S3	40.3	20360	18020	15330	13570	2800	36040	17
	54.9	20360	18020	15330	13570	2800	36040	17
	60.3	20360	18020	15330	13570	2800	36040	17
	72.8	20360	18020	15330	13570	2800	36040	17
	76.8	17740	15700	13360	11830	2800	31400	17
	82.2	20360	18020	15330	13570	2800	36040	17
	99.1	17740	15700	13360	11830	2800	31400	17
	115.0	17740	15700	13360	11830	2800	31400	17
	121.1	13570	12010	10220	9050	2800	24020	17
	138.7	17740	15700	13360	11830	2800	31400	17
	146.0	10320	9130	7770	6880	2800	18260	17
	150.2	13570	12010	10220	9050	2800	24020	17
	181.3	13570	12010	10220	9050	2800	24020	17
	218.5	10320	9130	7770	6880	2800	36040	17
PDA 115 S4	144.3	20360	18020	15330	13570	2800	36040	13
	157.6	20360	18020	15330	13570	2800	36040	13
	174.3	20360	18020	15330	13570	2800	36040	13
	190.3	20360	18020	15330	13570	2800	36040	13
	214.9	23060	18020	15330	13570	2800	36040	13
	238.4	23060	18020	15330	13570	2800	36040	13
	276.8	23060	18020	15330	13570	2800	36040	13
	300.4	17740	15700	13360	11830	2800	31400	13
	333.8	17740	15700	13360	11830	2800	31400	13
	362.5	17740	15700	13360	11830	2800	31400	13
	376.2	17740	15700	13360	11830	2800	31400	13
	403.1	17740	15700	13360	11830	2800	31400	13
	455.1	17740	15700	13360	11830	2800	31400	13
	492.2	13570	12010	10220	9050	2800	24020	13
	527.9	17740	15700	13360	11830	2800	31400	13
	594.8	13570	12010	10220	9050	2800	24020	13
	637.2	17740	15700	13360	11830	2800	31400	13
	690.0	13570	12010	10220	9050	2800	24020	13
	715.3	10320	9130	7770	6880	2800	18260	13
	832.7	13570	12010	10220	9050	2800	24020	13
	1003.7	10320	9130	7770	6880	2800	18260	13

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

R01-2020

PD/PDA 115

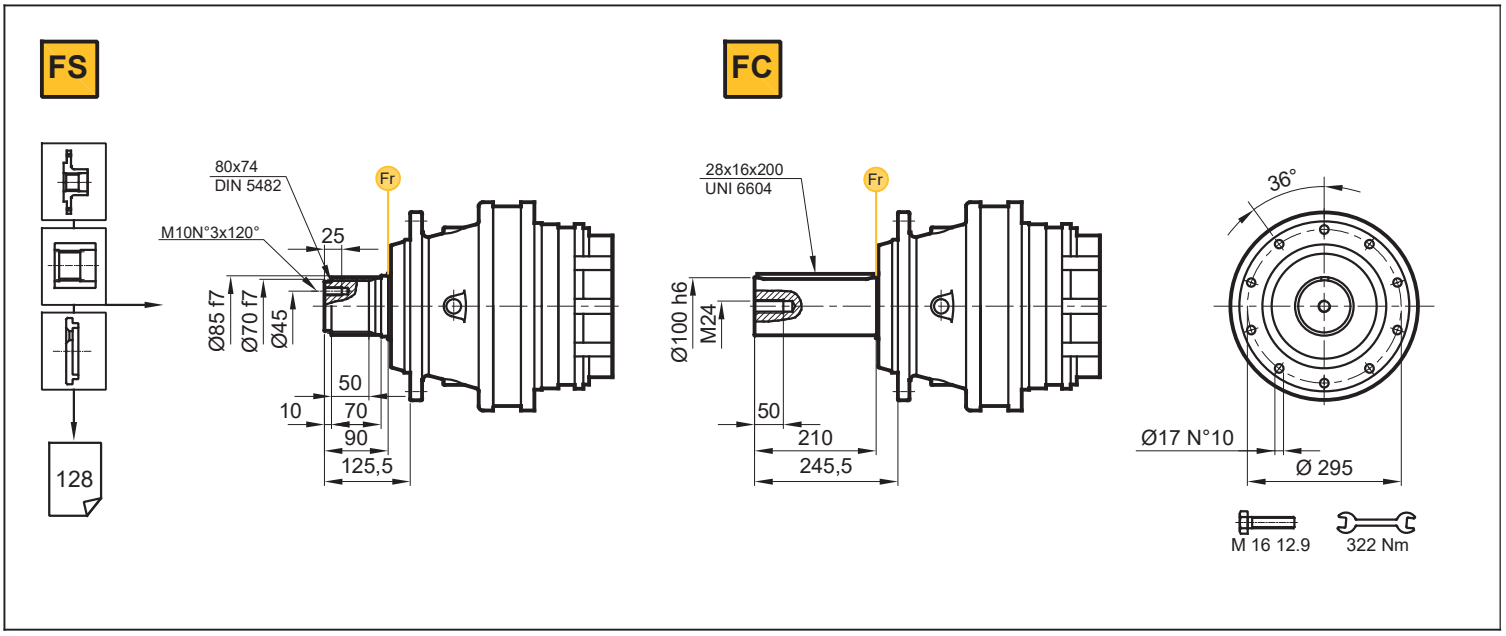


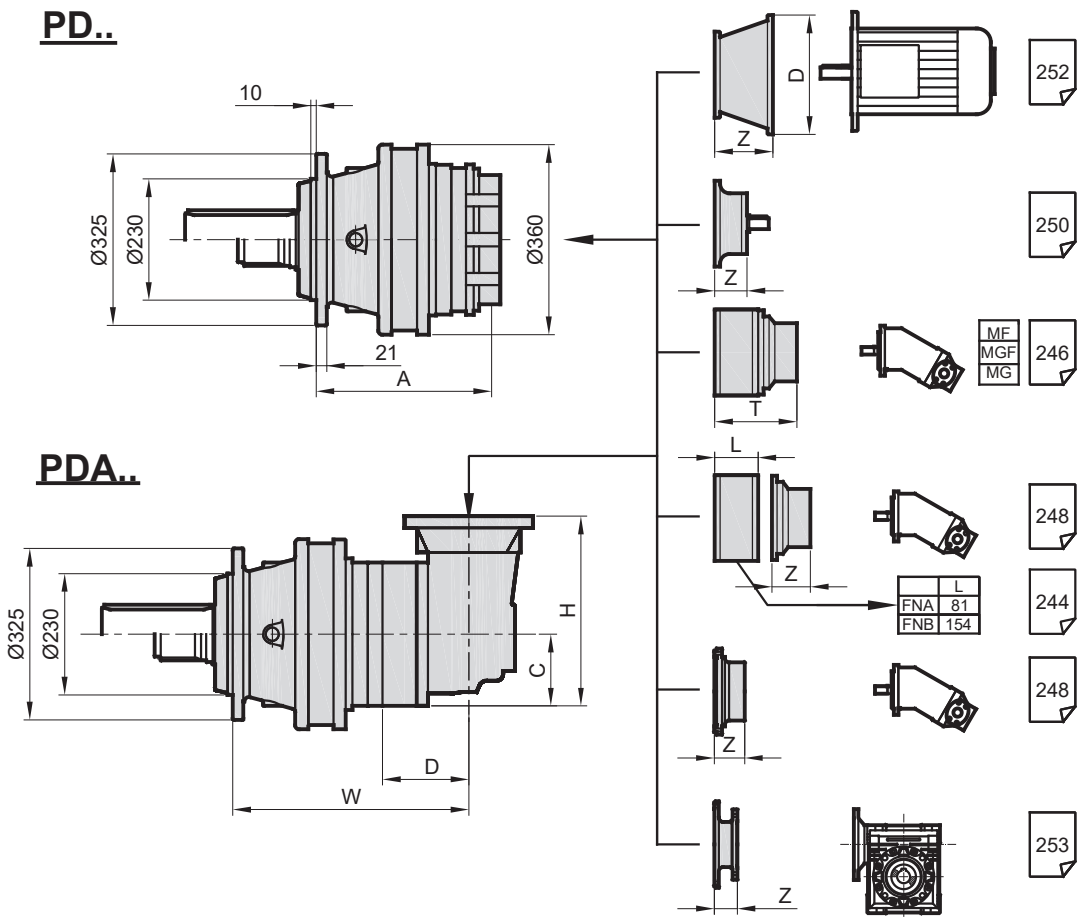


Stage	W	D	C	H	A	PD M	PDA M
S1	-	-	-	-	-	-	-
S2	-	-	-	-	241,5	137	-
S3	305	118,5	140	390	301,5	149	187
S4	377	75	92,5	253,5	349,5	156	167

	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
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 115



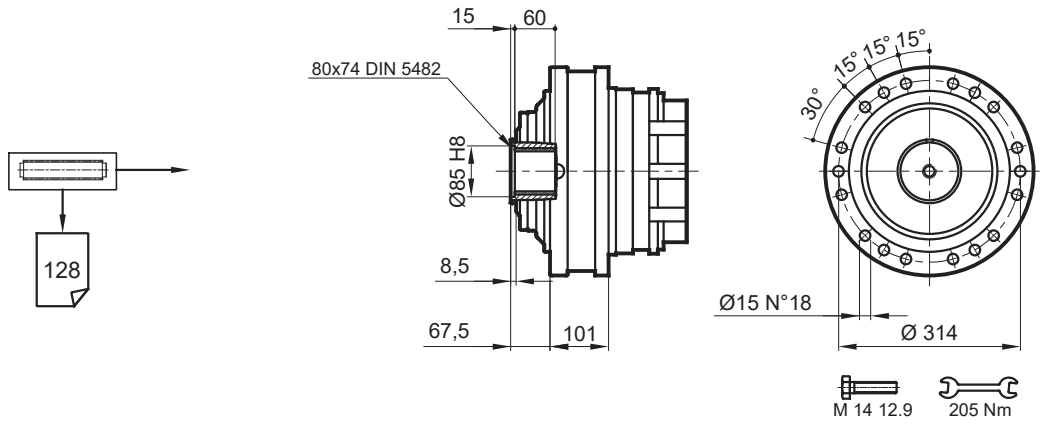


Stage	W	D	C	H	A	PD F	PDA F
S1	-	-	-	-	-	-	-
S2	-	-	-	-	345,5	136	-
S3	409	118,5	140	390	405,5	149	186
S4	481	75	92,5	253,5	453,5	155	166

	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
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

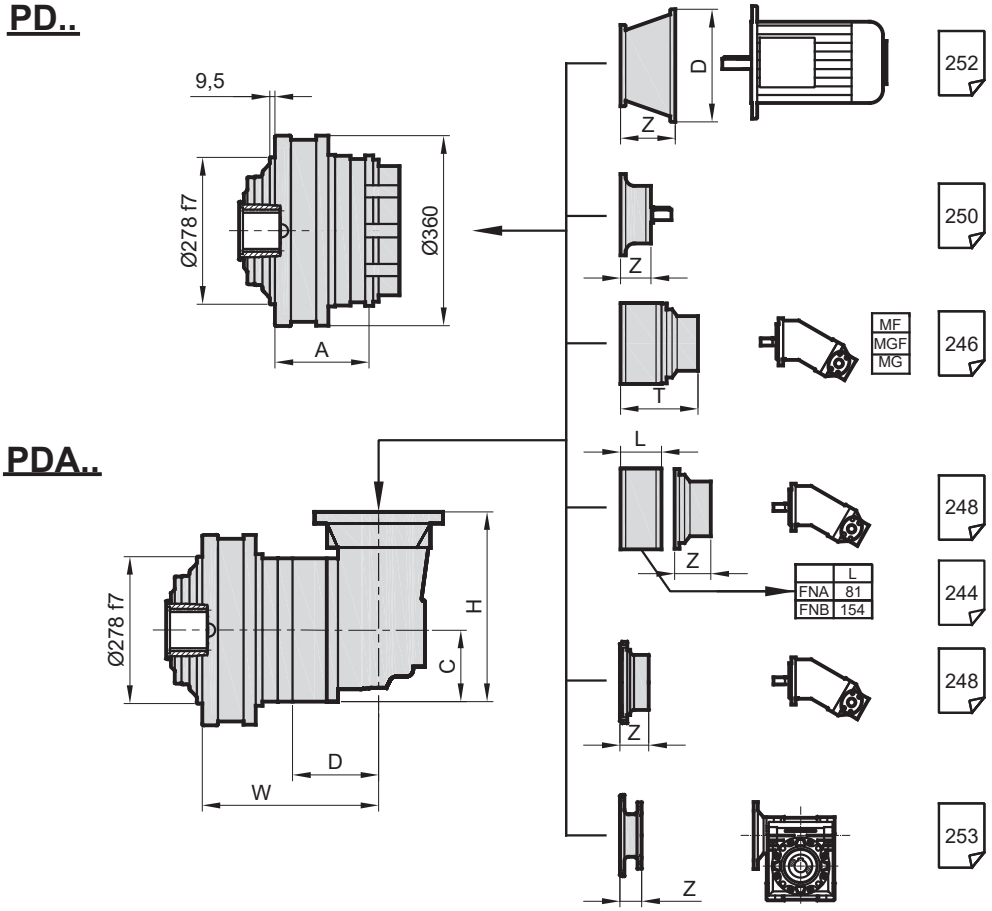
PD/PDA 115

S



PD..

PDA..

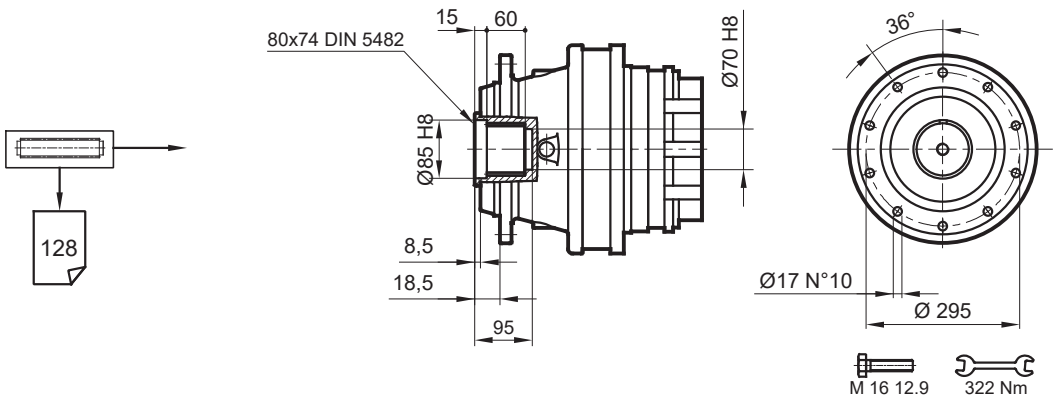


Stage	W	D	C	H	A	PD S	PDA S
S1	-	-	-	-	-	-	-
S2	-	-	-	-	231,5	95	-
S3	295	118,5	140	390	291,5	108	145
S4	367	75	92,5	253,5	339,5	168	125

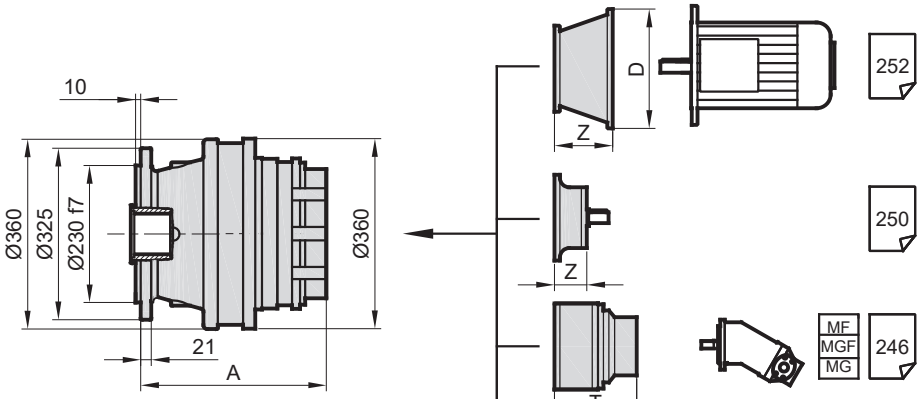
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 115

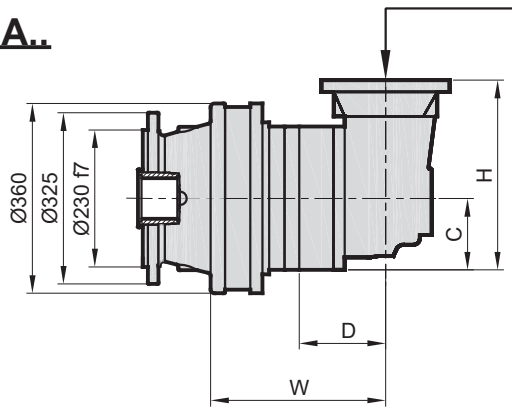
SF

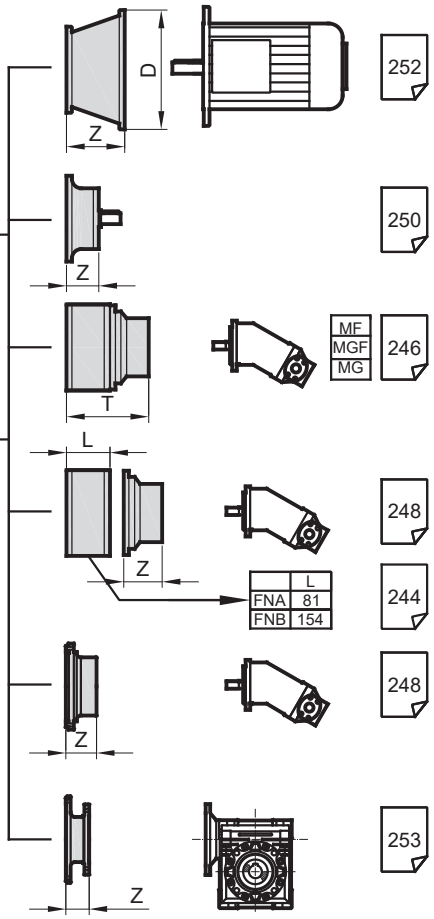


PD..



PDA..

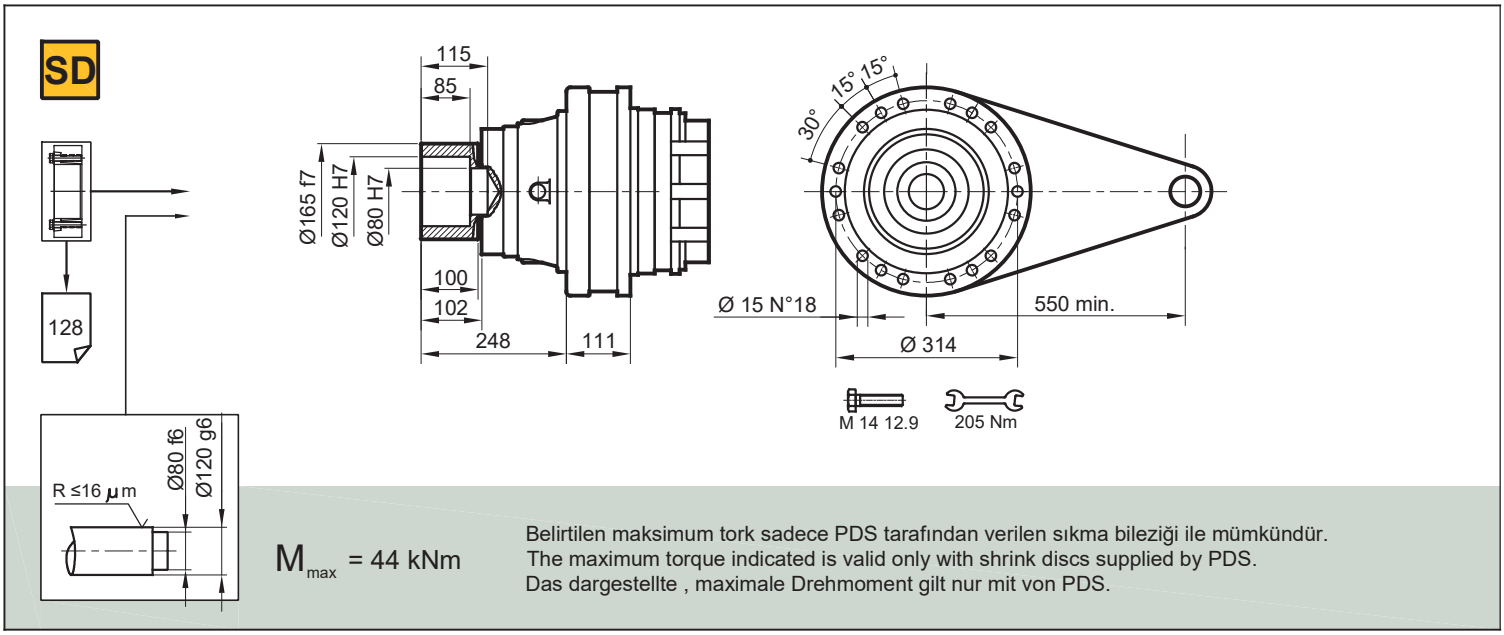




Stage	W	D	C	H	A	PD SF	PDA SF
S1	-	-	-	-	-	-	-
S2	-	-	-	-	346	120	-
S3	409,5	118,5	140	390	406	132	170
S4	481,5	75	92,5	253,5	454	139	150

	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
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

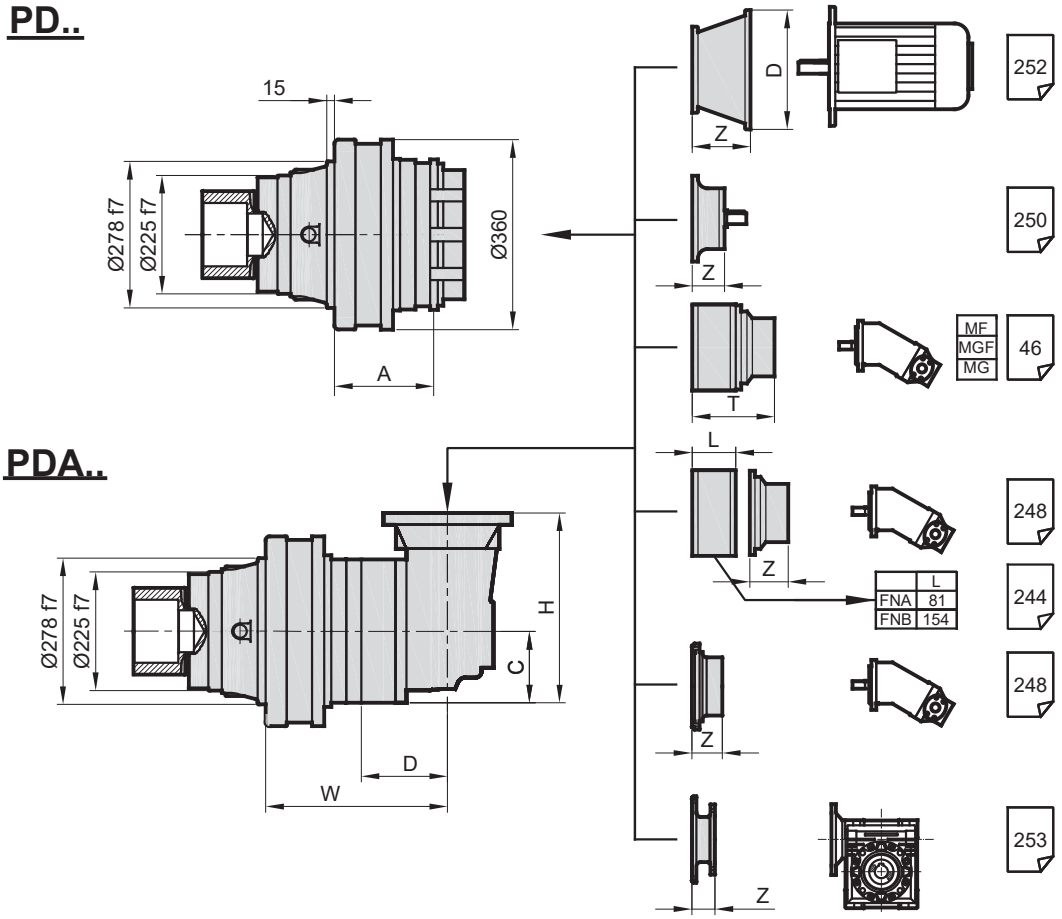
PD/PDA 115



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..



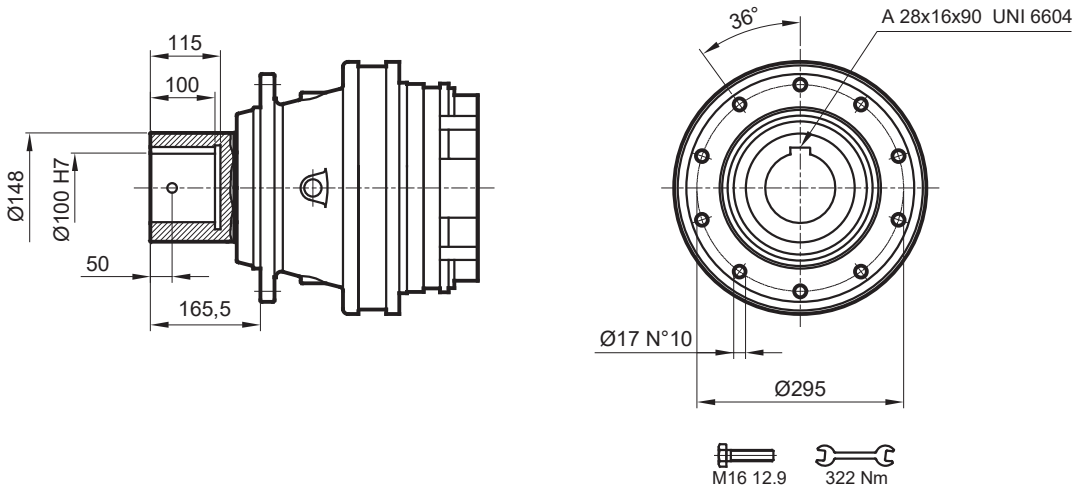
PDA..

Stage	W	D	C	H	A	PD / SD	PDA / SD
S1	-	-	-	-	-	-	-
S2	-	-	-	-	241,5	132	-
S3	305	118,5	140	390	301,5	144	182
S4	377	75	92,5	253,5	349,5	151	162

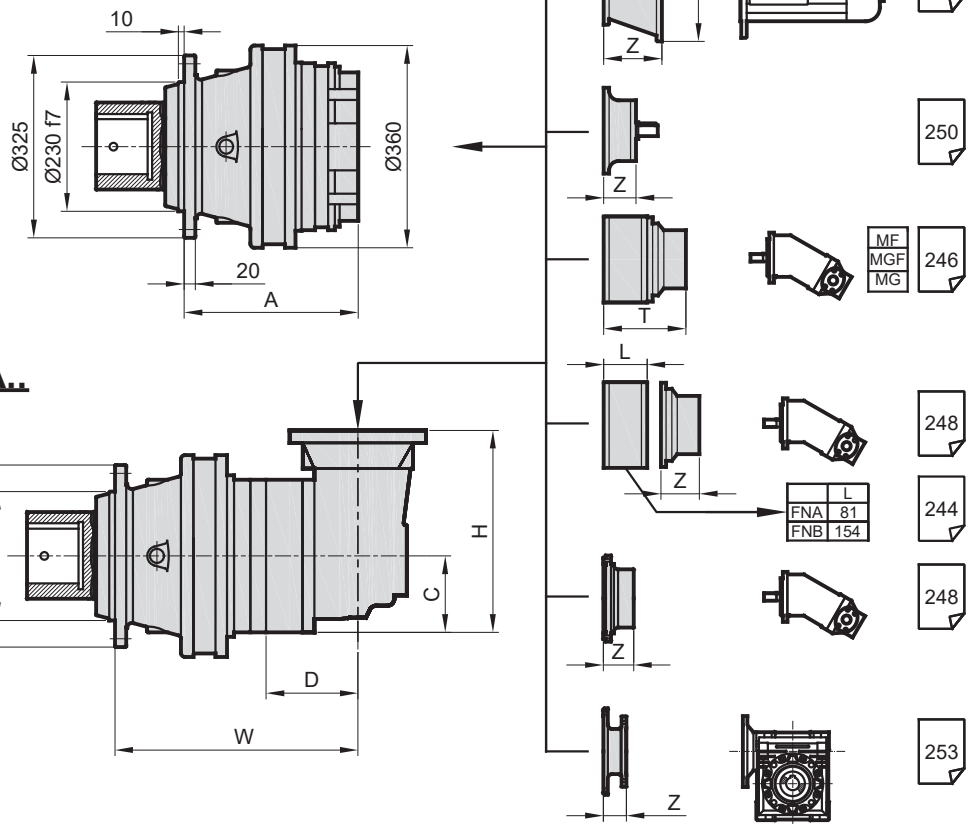
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 115

DKM



PD..



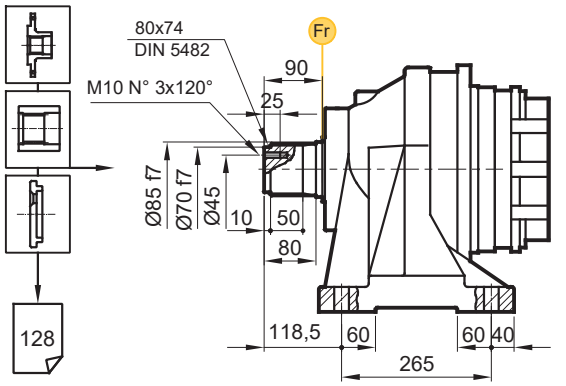
PDA..

Stage	W	D	C	H	A	PD DKM	PDA DKM
S1	-	-	-	-	-	-	-
S2	-	-	-	-	345,5	133	-
S3	409	118,5	140	390	405,5	146	183
S4	481	75	92,5	253,5	453,5	152	163

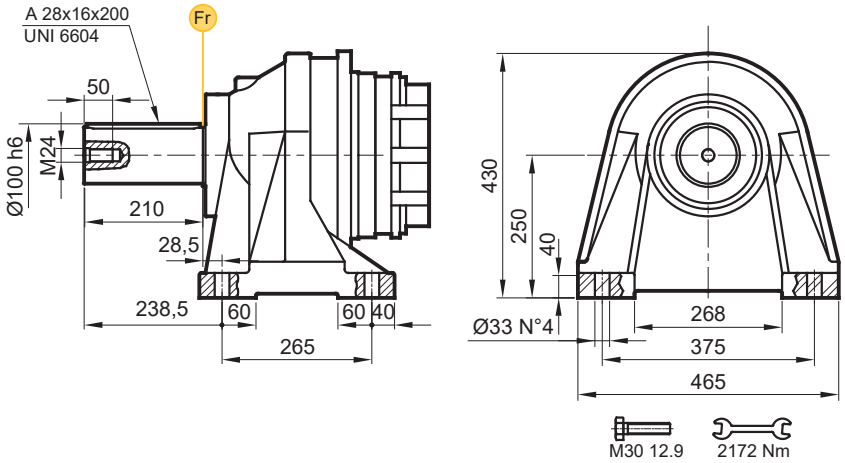
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

PD/PDA 115

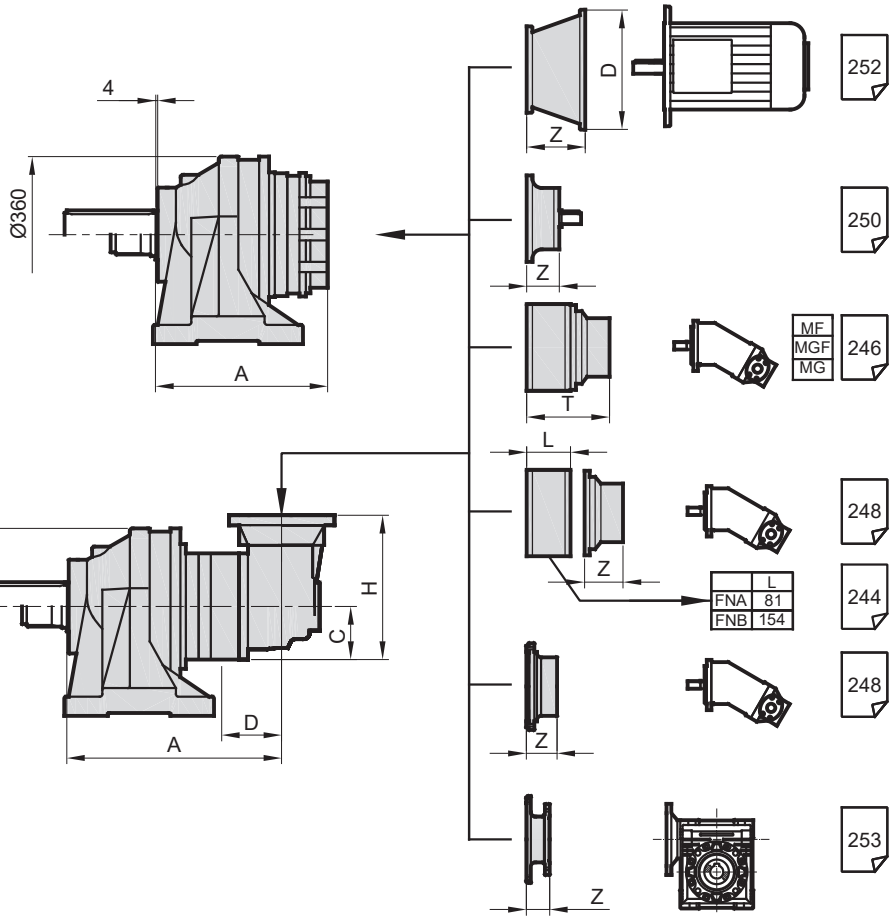
FVS



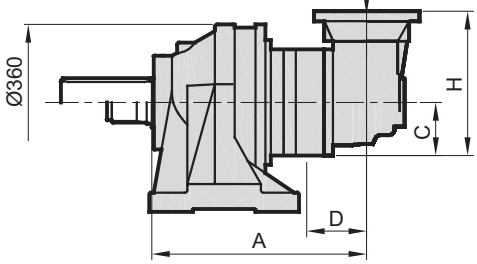
FVC



PD..



PDA..

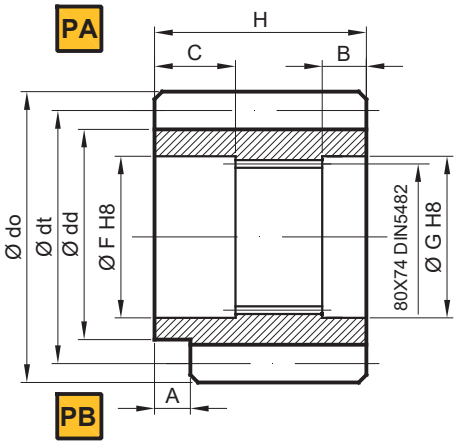


Stage	W	D	C	H	A	PD FV	PDA FV
S1	-	-	-	-	-	-	-
S2	-	-	-	-	396,5	195	-
S3	460	118,5	140	390	456,5	207	245
S4	532	75	92,5	253,5	504,5	214	225

	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
S2	-	-	-	-	-	-	-	-	350	120,5	400	148	450	148,5	550	183,5
S3	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-
S4	185	35,5	201	61,5	247	71	300	104	350	120,5	-	-	-	-	-	-

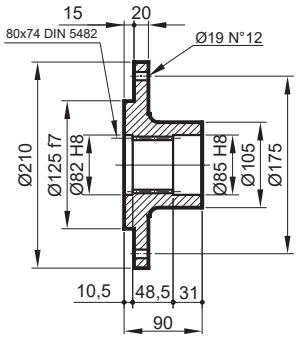
PD/PDA 115

P *Pinyon / Pinion / Ritzel*



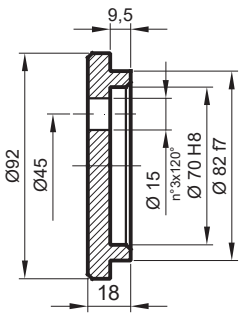
		m	z	x	dd	dt	do	H	A	B	C	F	G	Malzeme Material Material
PA	M	10	12	0	95	120	140	90	0	10	31	85	80	42CrMo4
PA	M	10	14	0	115	140	160	90	0	10	31	85	80	42CrMo4
PA	P	14	13	1	161	182	224	122	0	24	33	105	105	42CrMo4
PB	M	12	14	0,5	144	168	198	90	13	25	31	85	80	42CrMo4

FL Flanş / *Flange* / Flansch



MS

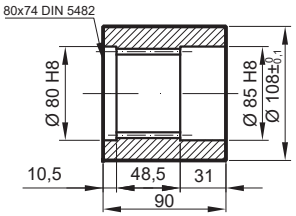
SP Sabitleme Pulu / *Stop bottom plate* / Endscheibe



MS

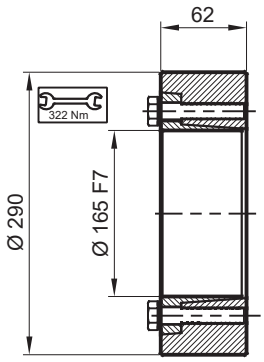
FK Frezeli Kaplin / *Spined bushing* Innenverzahnte Buchse

Malzeme /*Material* Material
DIN 1.7225 / 42CrMo4



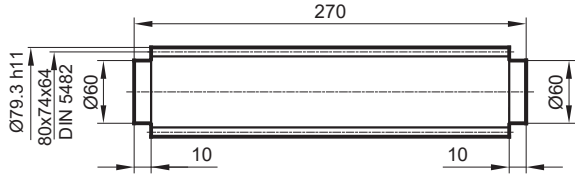
FS

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

R01-2020

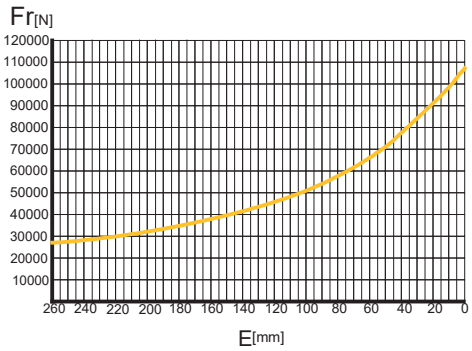
PD/PDA 115

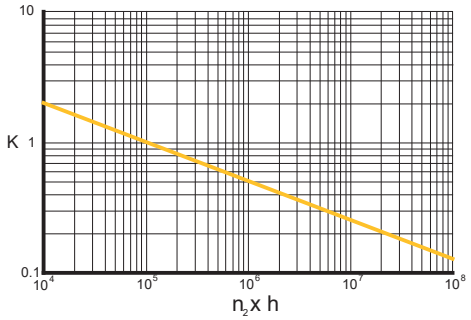
RADYAL YÜK(Fr)
Aşağıdaki diyagramlar radyal yükleri ve k faktörlerini arzu edilen n_2x h değerlerinde verir.

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

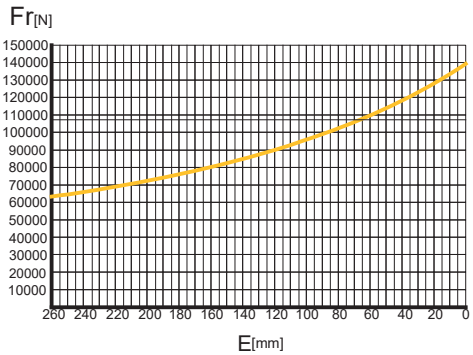
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert n_2x h verglichen werden.

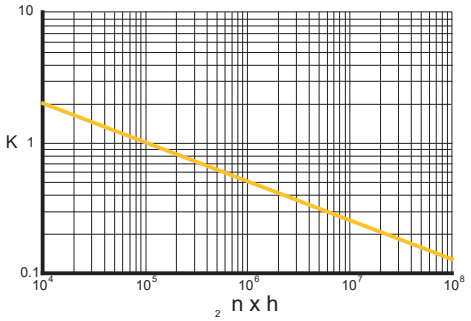
M-FV



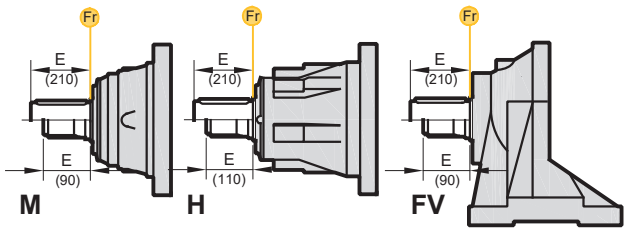


H





	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	→