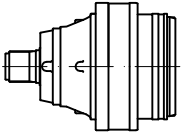
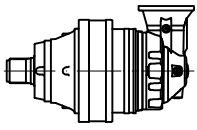


# PD 119



	i	T <sub>2</sub> [Nm]				n <sub>1max</sub> [min <sup>-1</sup> ]	T <sub>2max</sub> [Nm]	P <sub>t</sub> [kW]
		n <sub>2xh</sub>						
		10 000	20 000	50 000	100 000			
<b>PD 119 S2</b>	14.2	34750	30760	26180	23170	2000	61520	34
	17.1	34750	30760	26180	23170	2000	61520	34
	22.4	34750	30760	26180	23170	2000	61520	34
	29.1	26870	23780	20240	17910	2000	47560	34
	35.1	26870	23780	20240	17910	2000	47560	34
<b>PD 119 S3</b>	64.6	34750	30760	26180	23170	2800	61520	23
	73.5	34750	30760	26180	23170	2800	61520	23
	88.6	34750	30760	26180	23170	2800	61520	23
	102.9	34750	30760	26180	23170	2800	61520	23
	124.3	34750	30760	26180	23170	2800	61520	23
	134.4	34750	30760	26180	23170	2800	61520	23
<b>PD 119 S4</b>	251.4	34750	30760	26180	23170	2800	61520	17
	300.9	34750	30760	26180	23170	2800	61520	17
	314.9	34750	30760	26180	23170	2800	61520	17
	328.5	34750	30760	26180	23170	2800	61520	17
	362.6	34750	30760	26180	23170	2800	61520	17
	379.6	34750	30760	26180	23170	2800	61520	17
	396.0	34750	30760	26180	23170	2800	61520	17
	427.0	34750	30760	26180	23170	2800	61520	17
	477.3	34750	30760	26180	23170	2800	61520	17
	517.4	34750	30760	26180	23170	2800	61520	17
	576.0	34750	30760	26180	23170	2800	61520	17
	623.7	34750	30760	26180	23170	2800	61520	17
	694.3	34750	30760	26180	23170	2800	61520	17
	752.6	34750	30760	26180	23170	2800	61520	17
	838.9	34750	30760	26180	23170	2800	61520	17
1015.5	26870	23780	20240	17910	2800	47560	17	
1425.0	26870	23780	20240	17910	2800	47560	17	

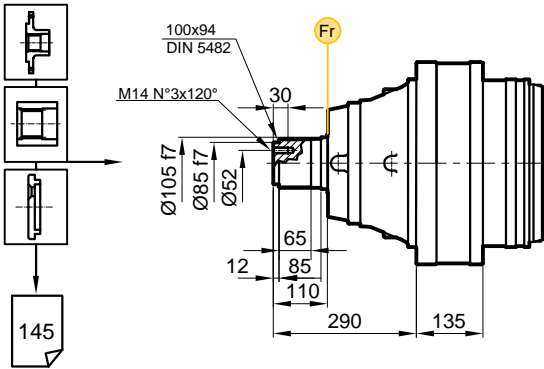
# PDA 119



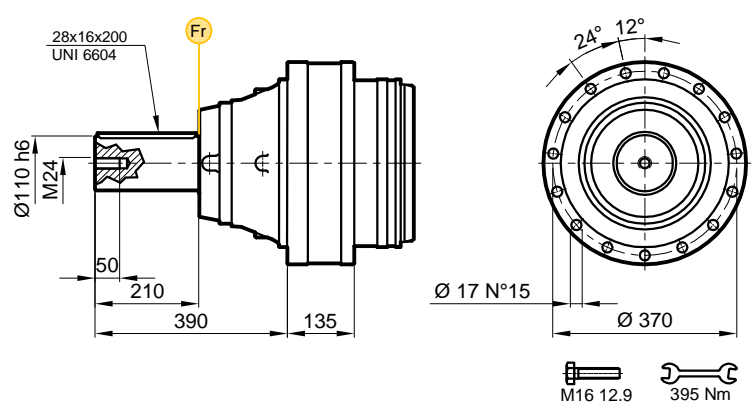
	i	T <sub>2</sub> [Nm]				n <sub>1max</sub> [min <sup>-1</sup> ]	T <sub>2max</sub> [Nm]	P <sub>t</sub> [kW]
		n <sub>2xh</sub>						
		10 000	20 000	50 000	100 000			
<b>PDA 119 S3</b>	59.2	34750	30760	26180	23170	2800	61520	23
	77.4	34750	30760	26180	23170	2800	61520	23
	93.3	34750	30760	26180	23170	2800	61520	23
	121.0	34750	30760	26180	23170	2800	61520	23
	158.6	26870	23780	20240	17910	2800	47560	23
	191.1	26870	23780	20240	17910	2800	47560	23
<b>PDA 119 S4</b>	306.0	34750	30760	26180	23170	2800	61520	17
	352.6	34750	30760	26180	23170	2800	61520	17
	385.0	34750	30760	26180	23170	2800	61520	17
	460.7	34750	30760	26180	23170	2800	61520	17
	519.8	26870	23780	20240	17910	2800	47560	17
	598.9	26870	23780	20240	17910	2800	47560	17
	676.7	34750	30760	26180	23170	2800	61520	17
	729.3	26870	23780	20240	17910	2800	47560	17
	819.1	26870	23780	20240	17910	2800	47560	17
	951.2	26870	23780	20240	17910	2800	47560	17
	1385.5	26870	23780	20240	17910	2800	47560	17

# PD/PDA 119

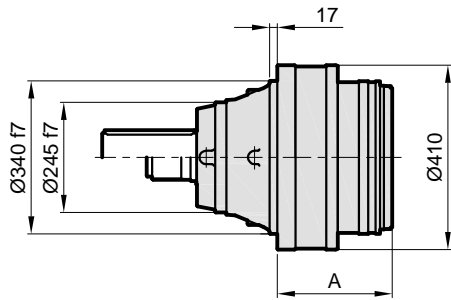
**MS**



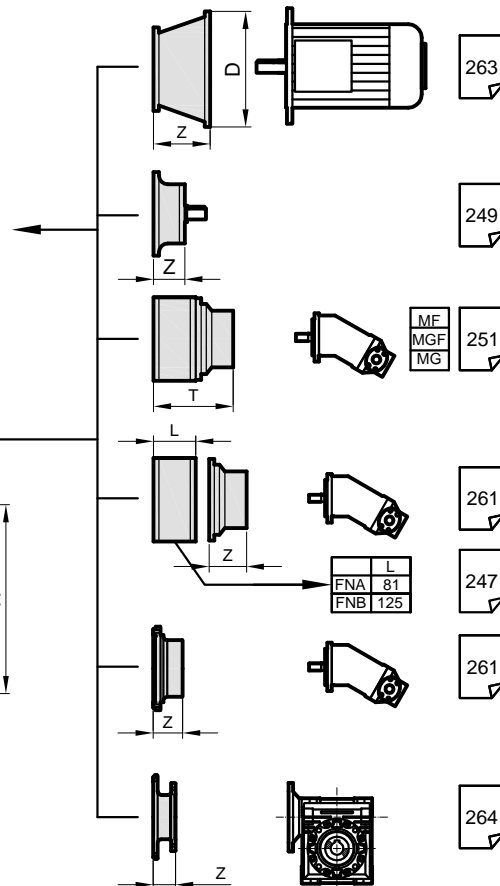
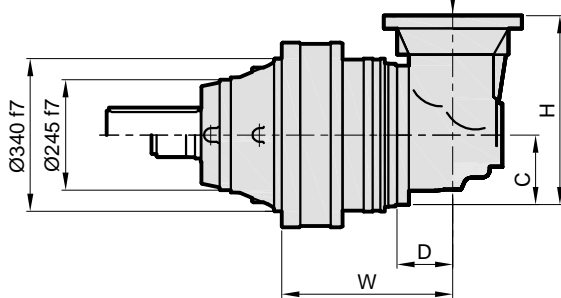
**MC**



**PD..**



**PDA..**

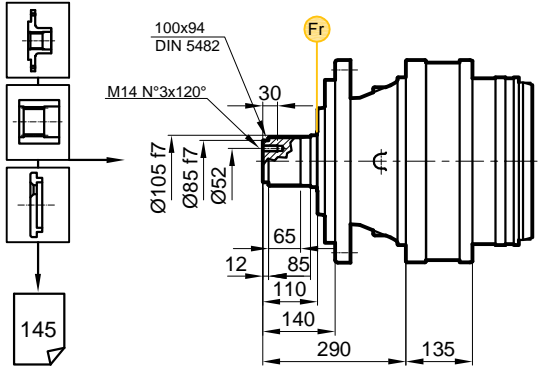


Stage	W	D	C	H	A	PD M	PDA M
S2	-	-	-	-	319	237	-
S3	407	88	140	380	390,5	253	336
S4	478,5	88	140	380	451,5	261	293

	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	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

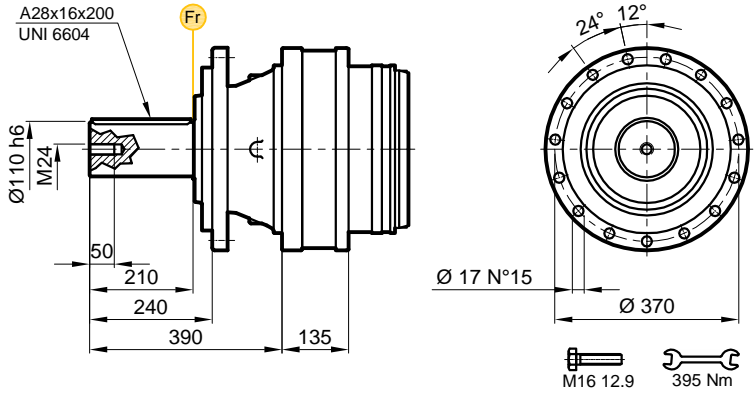
# PD/PDA 119

**FS**

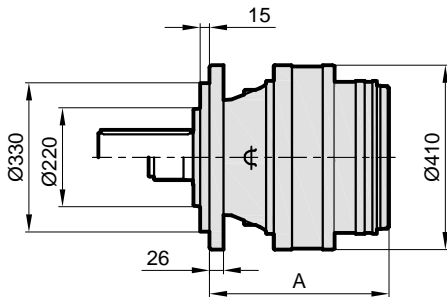


145

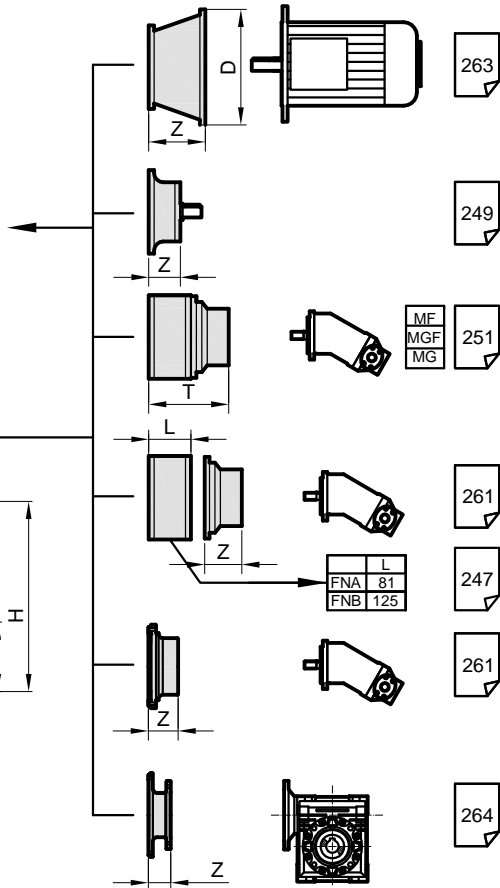
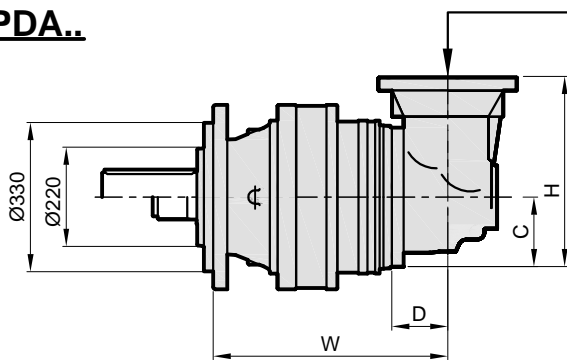
**FC**



**PD..**



**PDA..**

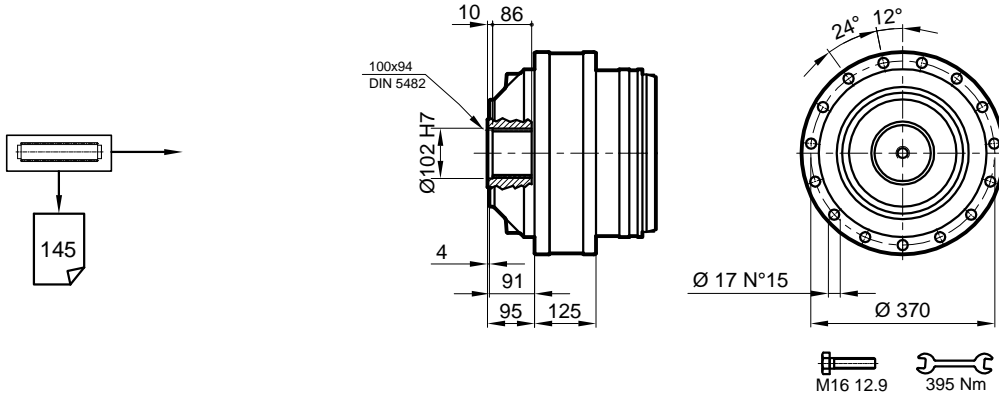


Stage	W	D	C	H	A	PD		PDA	
						F	⊂	F	⊂
S2	-	-	-	-	473	260	-	-	-
S3	561	88	140	380	544,5	276	359	-	-
S4	632,5	88	140	380	605,5	284	316	-	-

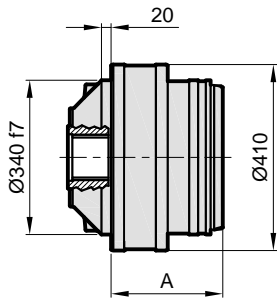
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

# PD/PDA 119

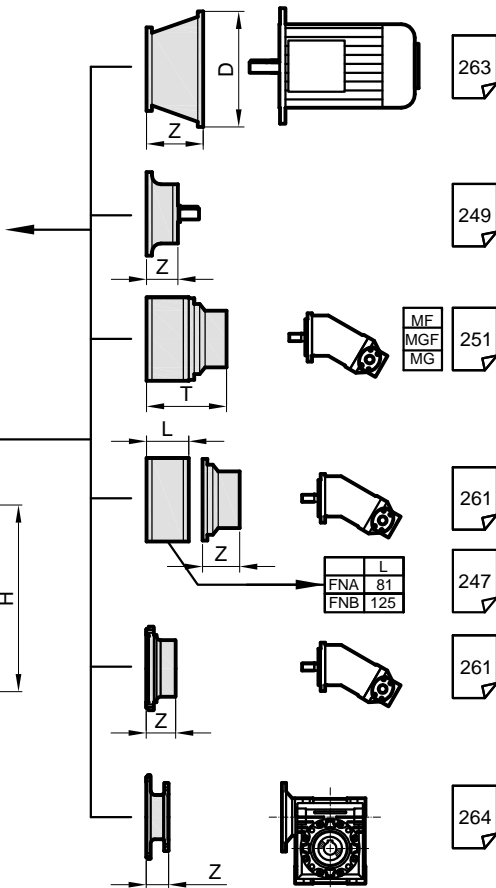
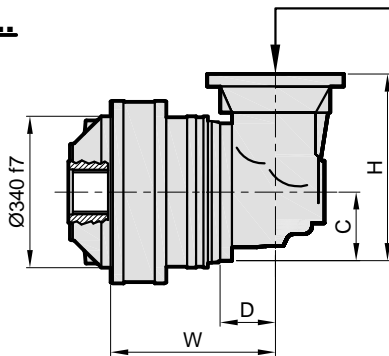
**S**



**PD..**



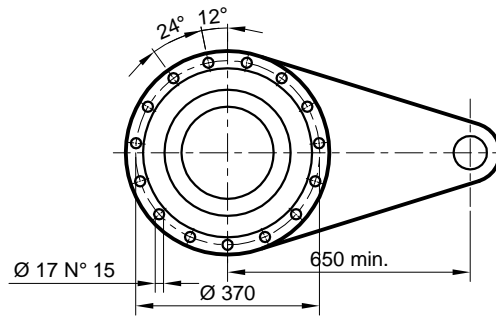
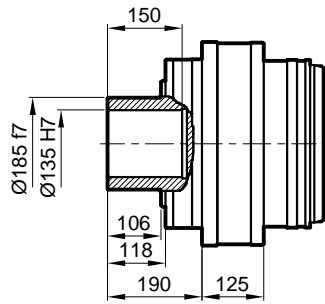
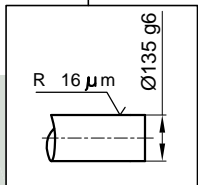
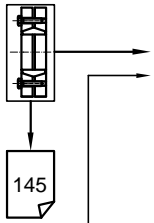
**PDA..**



	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	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

# PD/PDA 119

**SD**

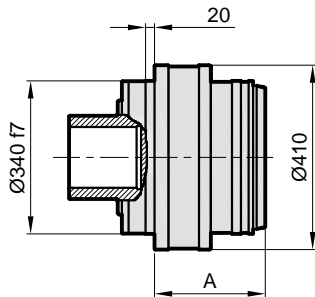


M16 12.9      395 Nm

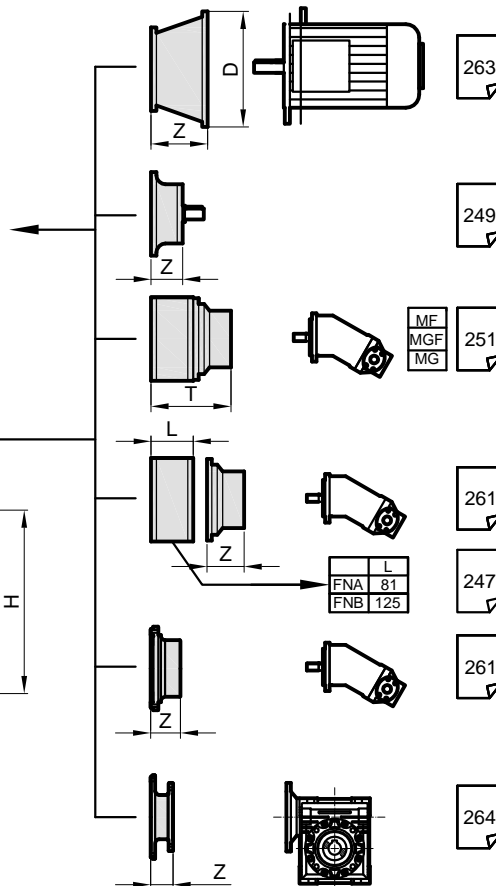
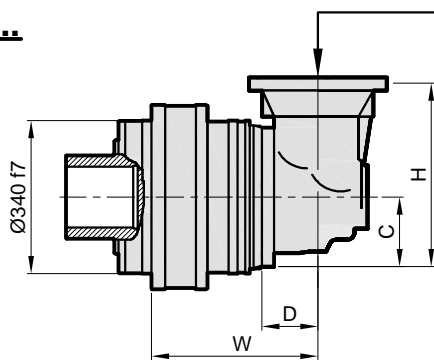
$M_{max} = 52 \text{ kNm}$

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..**

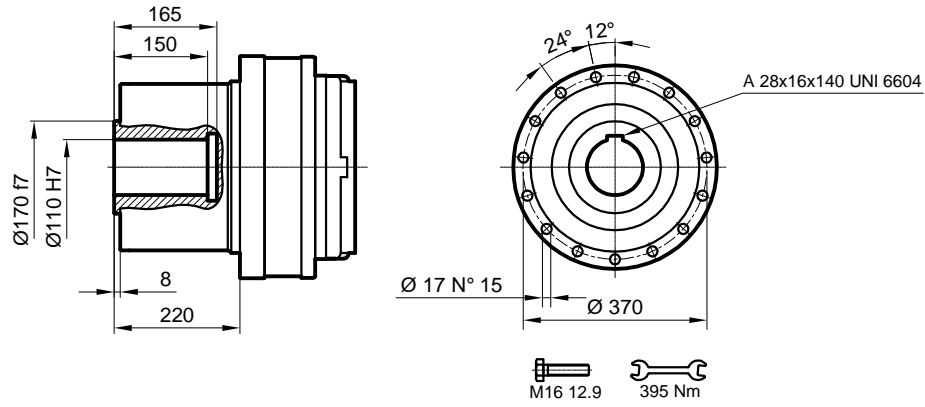


Stage	W	D	C	H	A	PD SD	PDA SD
S2	-	-	-	-	309	204	-
S3	397	88	140	380	380,5	220	307
S4	468,5	88	140	380	441,5	228	260

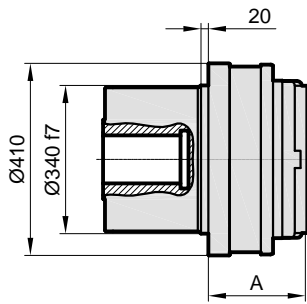
	H71		H80-90		H100		H132		H160-180		H200		H225		H250-280	
Stage	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z	D	Z
S2	-	-	-	-	-	-	-	-	350	120	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

# PD/PDA 119

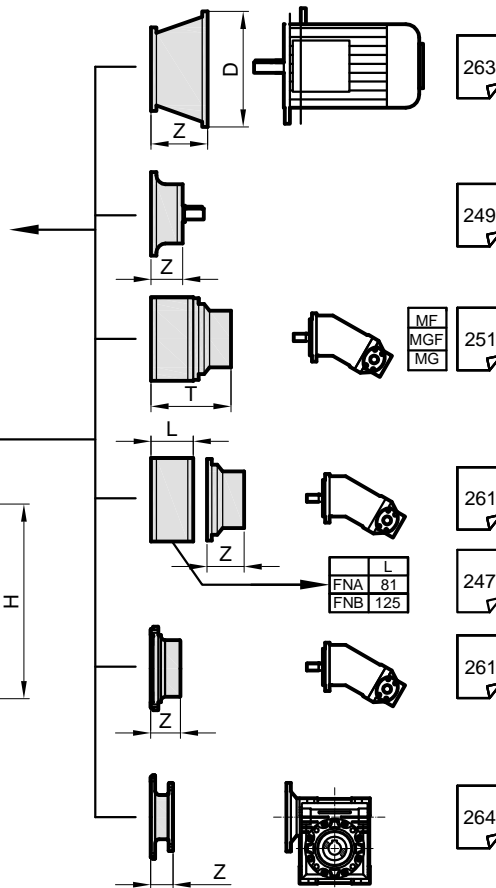
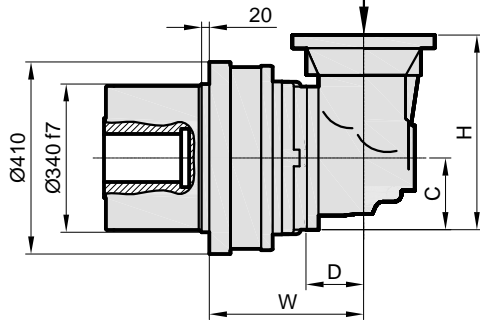
DKM



**PD..**



**PDA..**



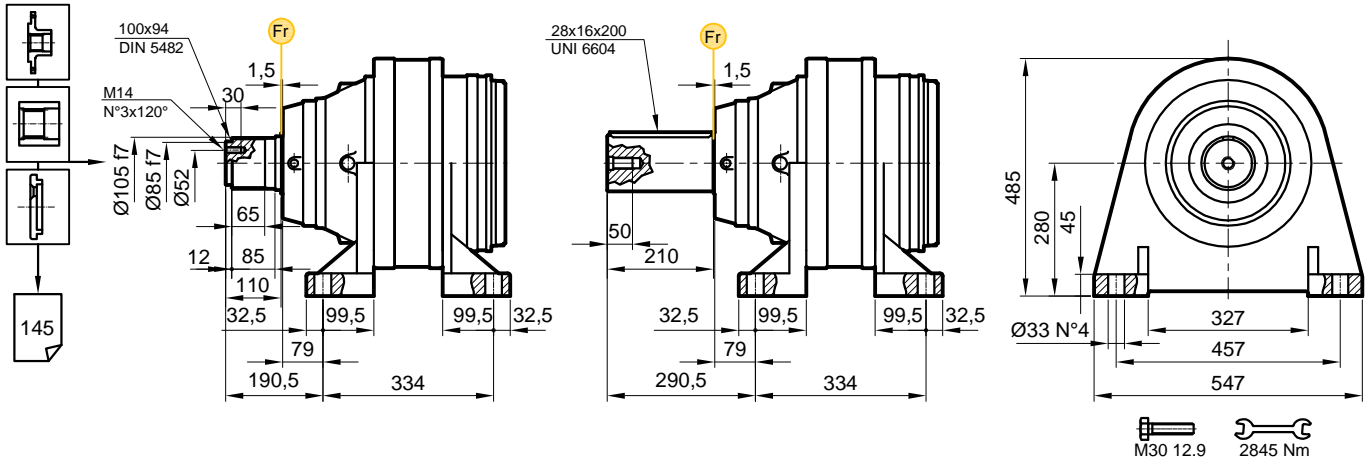
Stage	W	D	C	H	A	PD S	PDA S
S2	-	-	-	-	323	196	-
S3	411	88	140	380	395	212	299
S4	482	88	140	380	455	220	252

	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	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

# PD/PDA 119

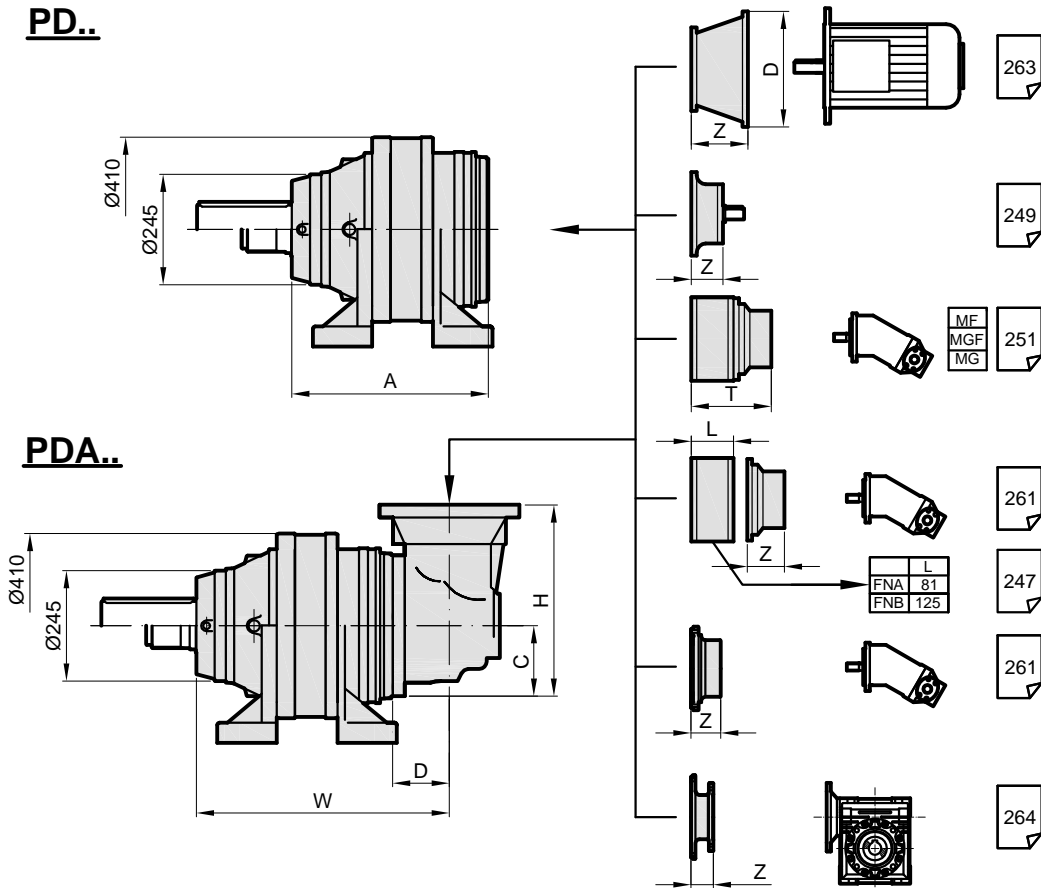
**FVS**

**FVC**



**PD..**

**PDA..**



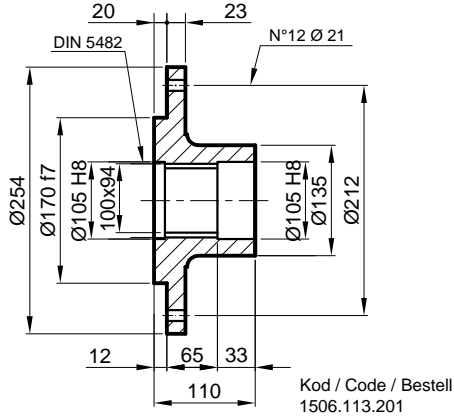
Stage	W	D	C	H	A	PD		PDA	
						FVC	FVC	FVC	FVC
S2	-	-	-	-	499	298	-	-	-
S3	585,5	88	140	380	570,5	314	397	-	-
S4	657	88	140	380	631,5	322	354	-	-

	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	400	148	450	148	550	183
S3	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-
S4	185	32	200	60	250	71	300	104	350	120	-	-	-	-	-	-

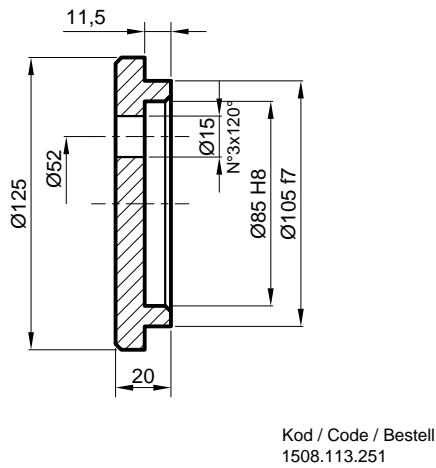


# PD/PDA 119

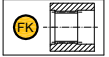
**FL** Flan / Flange / Flansch



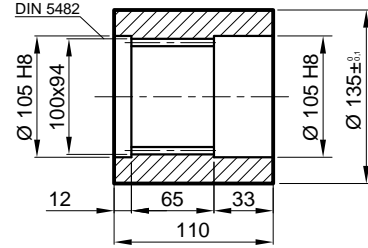
**SP** Sabitleme Pulu / Stop bottom plate / Endscheibe



**FK** Frezeli Kaplin / Spined bushing  
Innenverzahnung Buchse

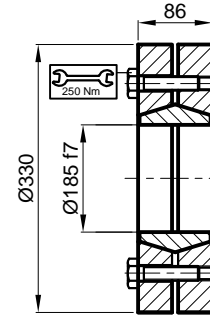


Malzeme / Material / Material  
UNI C40  
SAE 1040  
DIN Ck40



Kod / Code / Bestell  
1504.113.101

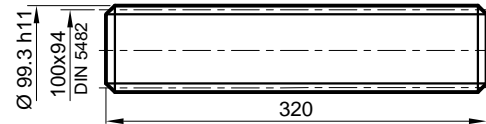
**SB** Sıkma Bileziği / Shrink disc  
Schrumpfscheibe



Maksimum tork  
Max. torque  
Max. Drehmoment  
52 kNm

Kod / Code / Bestell  
2501.117.001

**FM** Frezeli Mil / Splined rod  
Außenverzahnung Welle



Malzeme / Material  
Material

UNI 39NiCrMo5  
Sertleştirilmiş ve Temperlendi  
Hardened and Tempered  
Vergütet

Kod / Code / Bestell  
1509.117.260

# PD/PDA 119

## RADYAL YÜK(Fr)

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

## RADIAL LOADS(Fr)

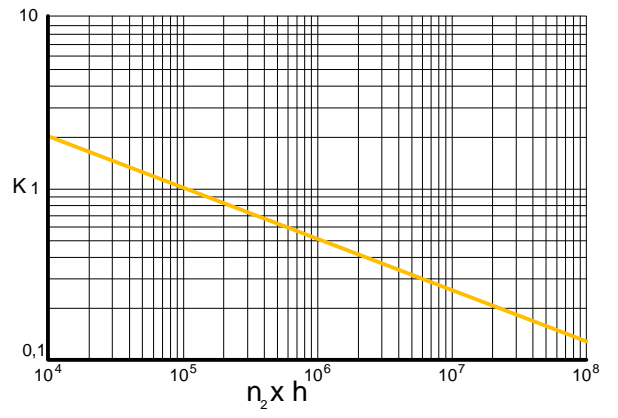
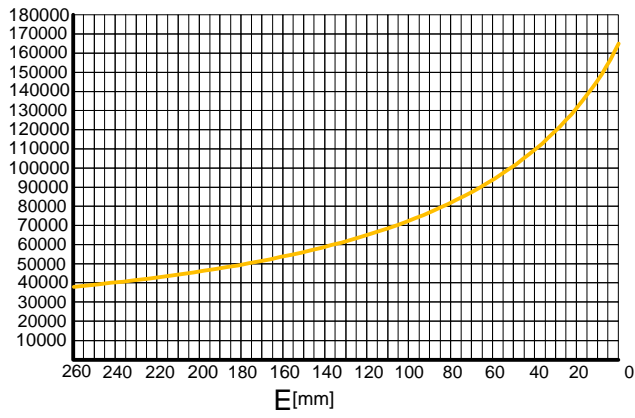
The following curves show the radial loads and the K factors to obtain the required  $n_2 \times h$  value.

## RADIALLAST (Fr)

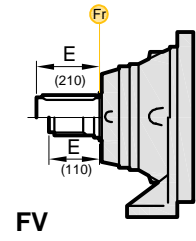
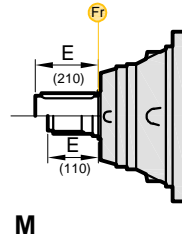
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert  $n_2 \times h$  verglichen werden.

## M-FV

$Fr_{[N]}$



	$n \times h$				
	$10^5$	$10^4$	$10^6$	$10^7$	$10^8$
M	$Fr$		$Fr \cdot K$		
FV	$Fr \cdot 0,75$		$Fr \cdot K \cdot 0,75$		



## AKS YEL YÜKLER (Fa)

Tablodaki aksiyel yük de erleri çıkı ıtı 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]	M	FV	
	75000	75000	←
95000	95000	→	

