





318L

M₂ = 20000 Nm

	i	M _{n2} [Nm]						P ₁ [kW]	P _t [kW]	n ₁ [min ⁻¹]	n _{1max} [min ⁻¹]	M _b [Nm]	
		n ₂ ·h 10 000	n ₂ ·h 25 000	n ₂ ·h 50 000	n ₂ ·h 100 000	n ₂ ·h 500 000	n ₂ ·h 1 000 000						
L1	4.40	250 000	250 000	213 000	173 000	107 000	87 000	340	95	200	300		
	L2	18.0	250 000	250 000	213 000	173 000	107 000	87 000	220	63	500	800	
L3	23.1	250 000	250 000	213 000	173 000	107 000	87 000	220	63	500	800		
	27.4	244 000	209 000	209 000	173 000	107 000	87 000	220	63	500	800		
	73.6	250 000	250 000	213 000	173 000	107 000	87 000	140	40	1 400	2 000		
	94.5	250 000	250 000	213 000	173 000	107 000	87 000	140	40	1 400	2 000	3 200	6L
	112	250 000	250 000	213 000	173 000	107 000	87 000	140	40	1 400	2 000	3 200	6L
L4	121	250 000	250 000	213 000	173 000	107 000	87 000	140	40	1 400	2 000	2 600	6K
	144	250 000	250 000	213 000	173 000	107 000	87 000	140	40	1 400	2 000	2 100	6G
	171	244 000	209 000	209 000	173 000	107 000	87 000	140	40	1 400	2 000	2 100	6G
	253	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	1 500	6E
	301	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	1 100	6C
	324	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	1 100	6C
	387	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	416	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	459	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	496	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
L4	589	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	637	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	698	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	756	250 000	250 000	213 000	173 000	107 000	87 000	60	22	1 800	3 800	850	6B
	897	250 000	250 000	213 000	173 000	107 000	87 000	50	22	1 800	3 800	850	6B
	1 064	244 000	209 000	209 000	173 000	107 000	87 000	42	22	1 800	3 800	850	6B

M_{2max} = 1.2 · M_{n2} (n₂ · h = 10 000)

M₂ = 20000 Nm
318R

	i	M _{n2} [Nm]						P ₁ [kW]	P _t [kW]	n ₁ [min ⁻¹]	n _{1max} [min ⁻¹]	M _b [Nm]	
		n ₂ ·h	n ₂ ·h	M _{n2} [Nm]		n ₂ ·h	n ₂ ·h						
		10 000	25 000	50 000	100 000	500 000	1 000 000						
R4 (B)	216	250 000	250 000	213 000	173 000	104 000	87 000	150	90	1 500	2 500	1 500	6E
	278	250 000	250 000	213 000	173 000	107 000	87 000	150	90	1 500	2 500	1 500	6E
	330	250 000	250 000	213 000	173 000	107 000	87 000	135	90	1 500	2 500	1 100	6C
	357	250 000	250 000	213 000	173 000	107 000	87 000	125	90	1 500	2 500	1 100	6C
	423	250 000	250 000	213 000	173 000	107 000	87 000	106	90	1 500	2 500	850	6B
	502	244 000	209 000	209 000	173 000	107 000	87 000	86	90	1 500	2 500	850	6B
R4 (C)	299	250 000	208 000	168 000	137 000	84 000	69 000	149	110	1 500	2 500	1 100	6C
	384	250 000	245 000	202 000	163 000	103 000	82 000	116	110	1 500	2 500	850	6B
	456	250 000	250 000	213 000	173 000	107 000	87 000	98	110	1 500	2 500	850	6B
	493	250 000	250 000	213 000	173 000	107 000	87 000	90	110	1 500	2 500	850	6B
	585	250 000	250 000	213 000	173 000	107 000	87 000	76	110	1 500	2 500	850	6B
	695	244 000	209 000	209 000	173 000	107 000	87 000	62	110	1 500	2 500	850	6B

$$M_{2max} = 1.2 \cdot M_{n2} \quad (n_2 \cdot h = 10\,000)$$

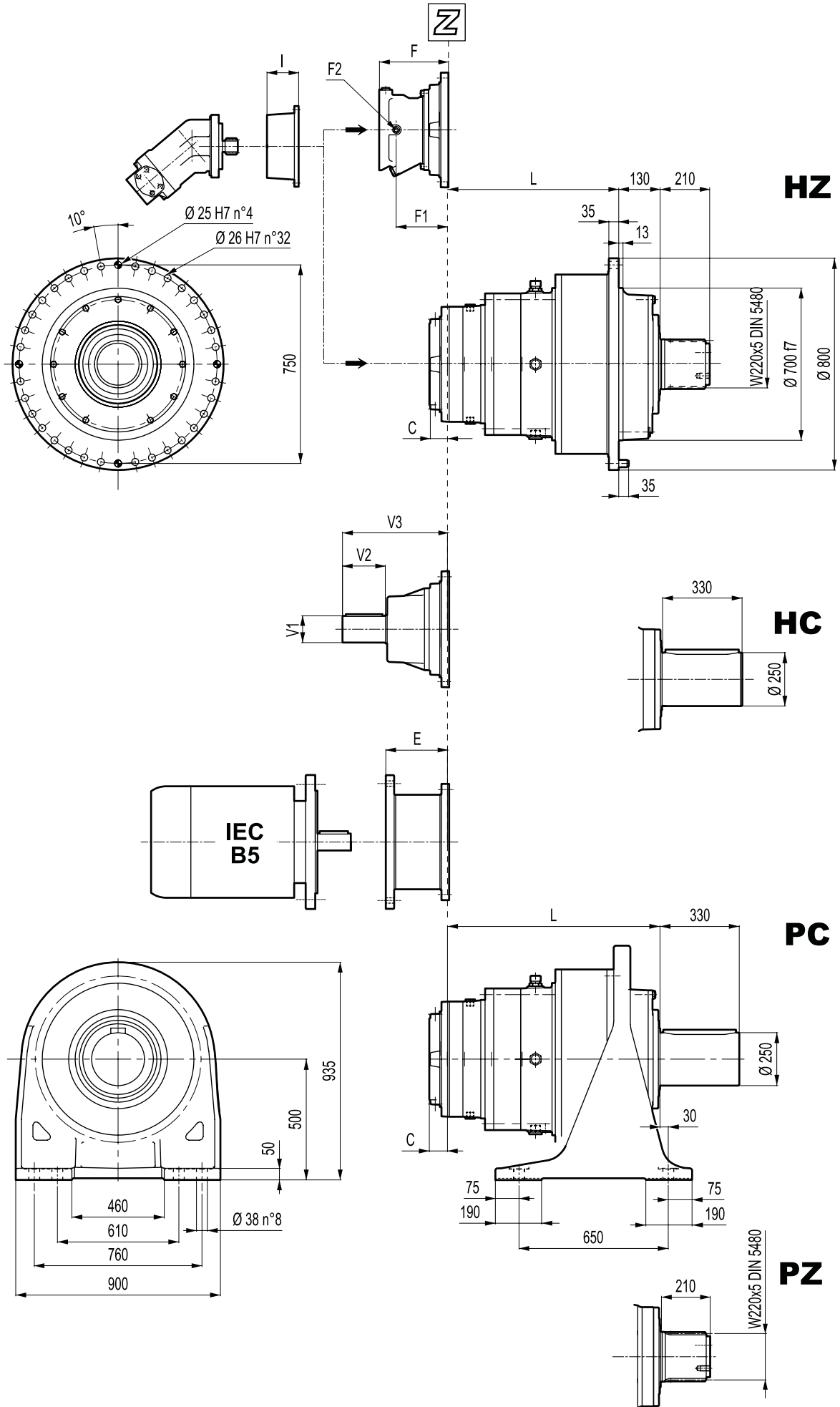
Nota: i contrassegni (A) (B) (C) sulla stessa grandezza, indicano riduzioni angolari di dimensioni differenti: vedere le pagine dimensionali.

Note: Letters (A) (B) (C) near size indication identify different angle reduction dimensions. See pages relevant to dimensions.

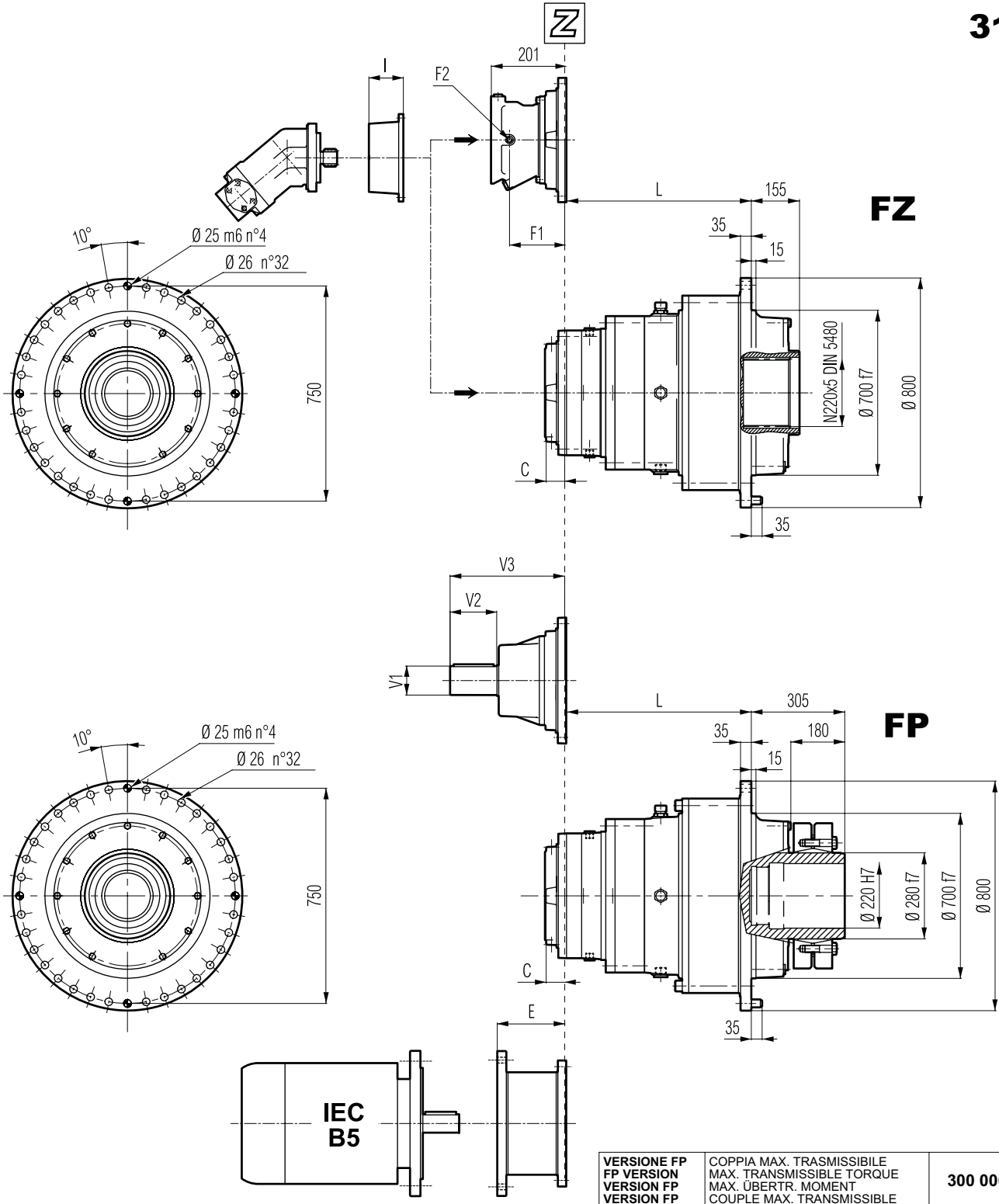
Hinweis: Die Kennzeichnungen (A) (B) (C) an der gleichen Baugröße weisen auf die Winkelreduzierung in unterschiedlichen Maßen hin: siehe Seiten mit Maßtabellen.

Remarque : les indications (A) (B) (C) sur la même taille indique des réductions angulaires de dimensions différentes. Se reporter aux pages des dimensions.

318L



318L



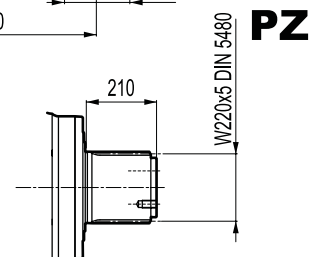
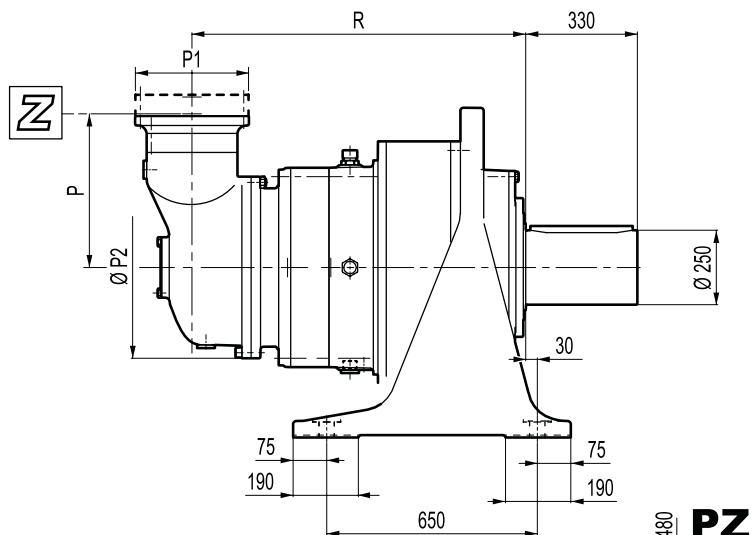
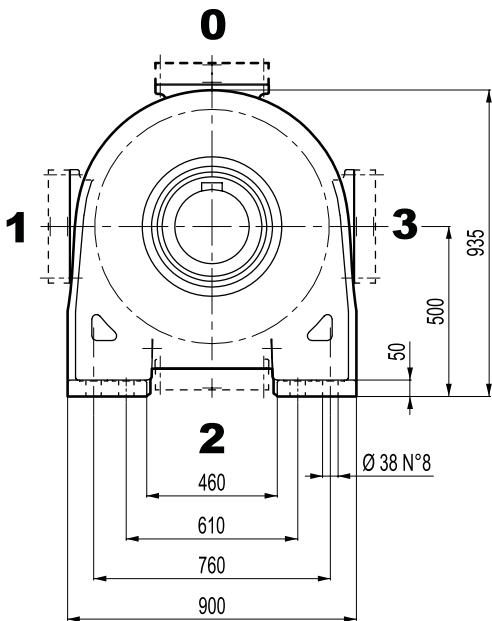
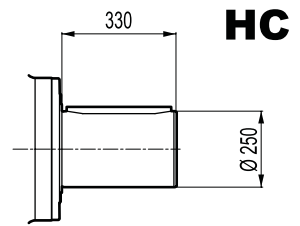
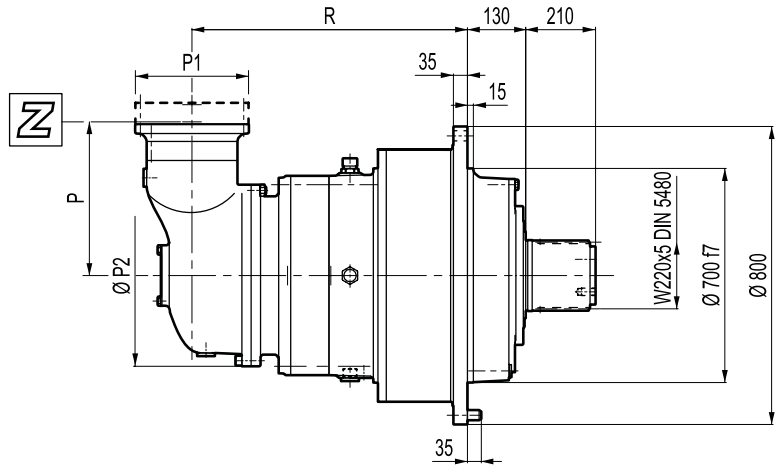
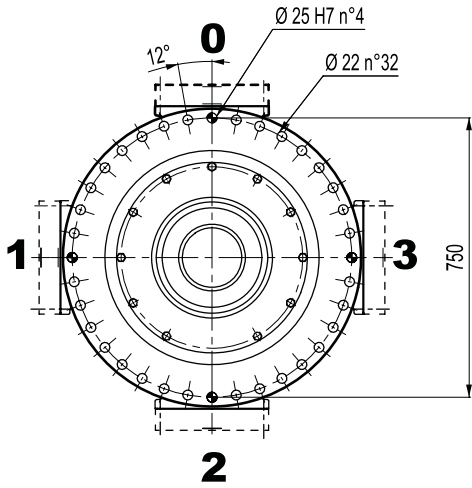
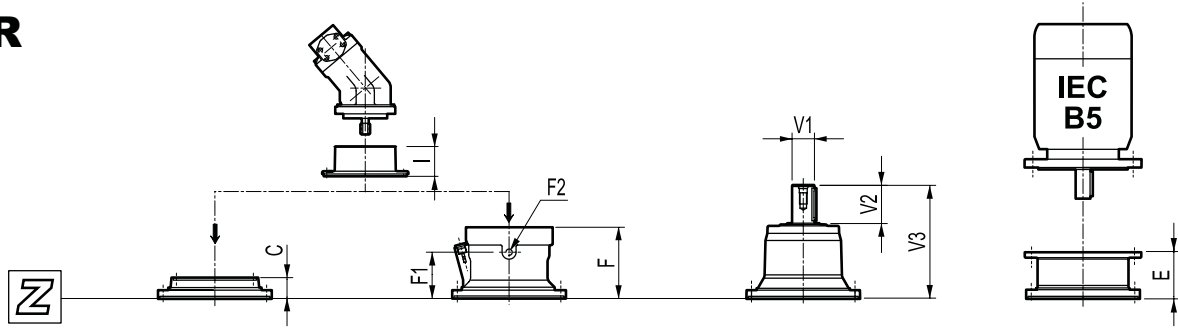
VERSIONE FP COPPIA MAX. TRASMISSIBILE
FP VERSION MAX. TRANSMISSIBLE TORQUE
VERSION FP MAX. ÜBERTR. MOMENT
VERSION FP COUPLE MAX. TRASMISSIBILE

300 000 Nm

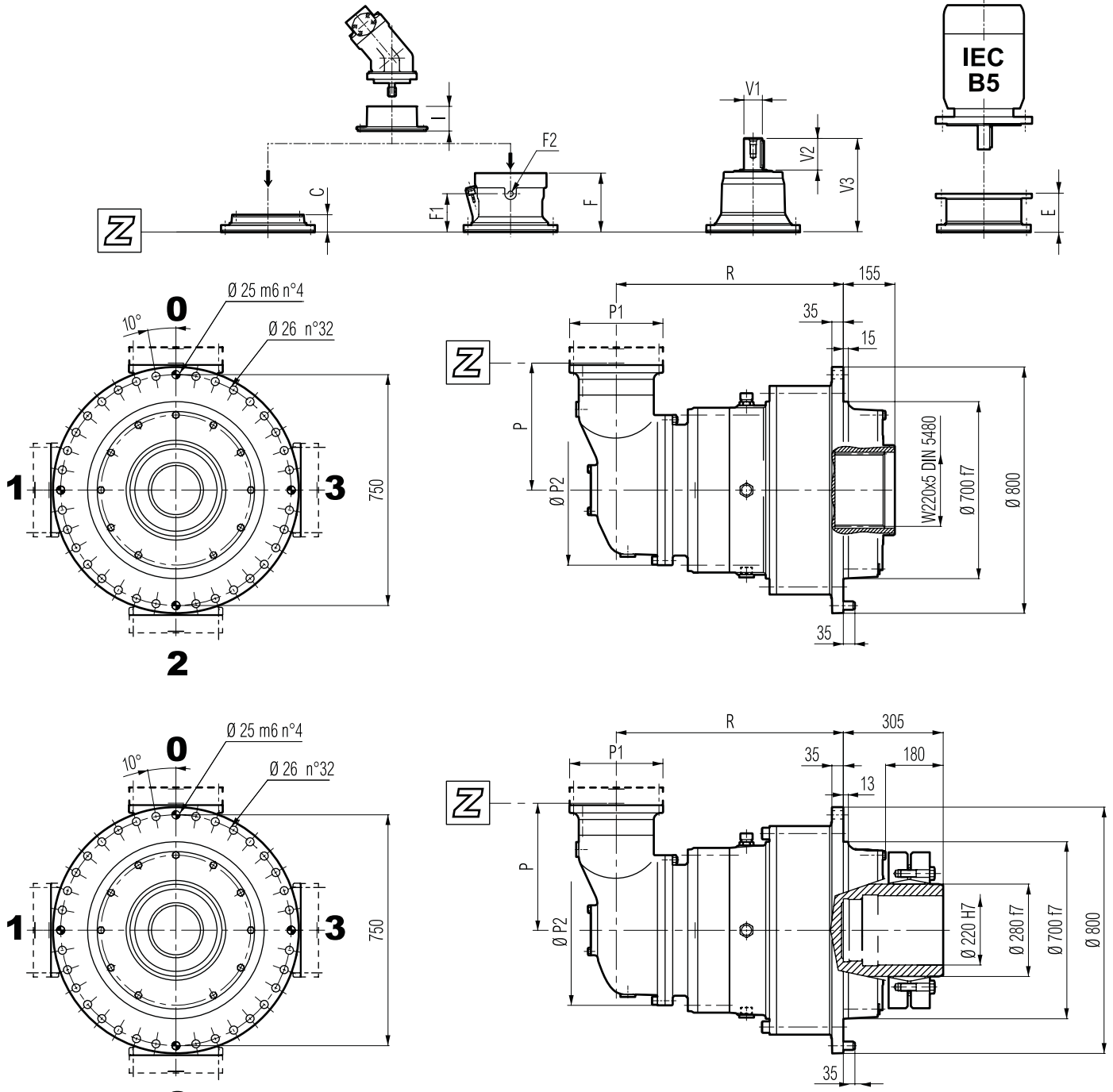
	L				Kg				C	Entrata Input Antrieb Entrée	I	F	F1	F2	Tipo Type Typ Type	Entrata Input Antrieb Entrée	Kg
	HZ HC	PC PZ	FZ	FP	HZ HC	PC PZ	FZ	FP									
318 L1	202	332	202	202	950	1250	800	830	208								
318 L2	547	677	547	547	1200	1500	1050	1080	116		E						
318 L3	759	889	759	759	1300	1600	1150	1180	81		D	232	185	1/4 G	6	B	28
318 L4	892	970	892	892	1350	1650	1200	1230	51		B	201	153	1/4 G	6	B	28

	V1	V2	V3	Kg	V1	V2	V3	Kg	E						
									IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250	
318 L1															
318 L2															
318 L3	80	130	348	35											
318 L4	80	130	315	35	60	105	313	28			195	186	216	215	

318R



318R

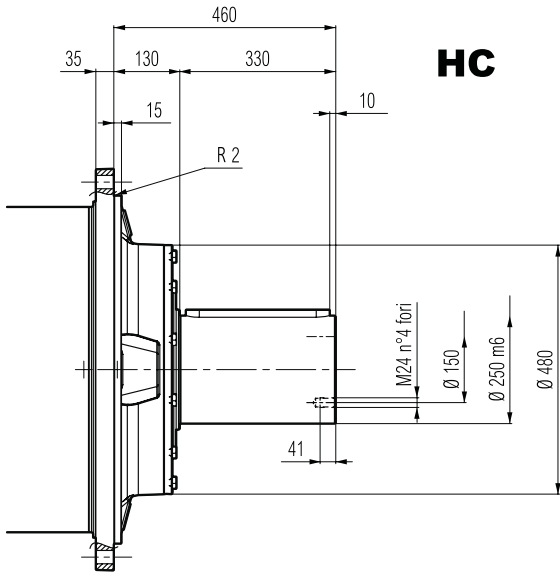


VERSIONE FP FP VERSION VERSION FP VERSION FP	COPPIA MAX. TRASMISSIBILE MAX. TRANSMISSIBLE TORQUE MAX. ÜBERTR. MOMENT COUPLE MAX. TRANSMISSIBLE	300 000 Nm
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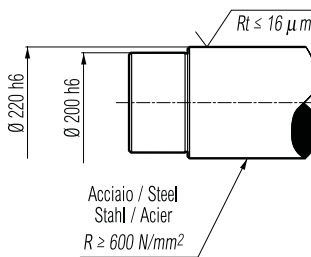
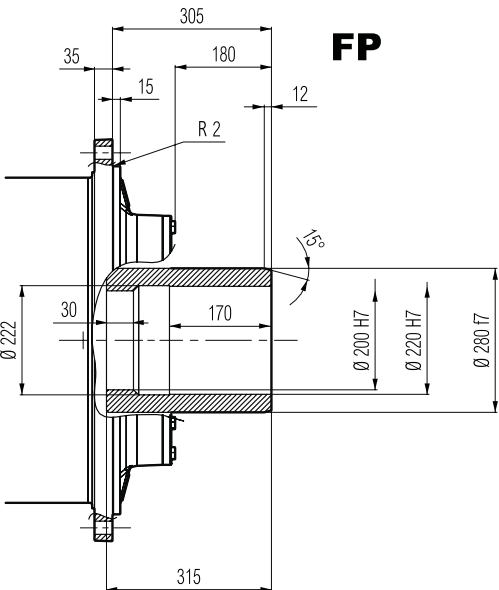
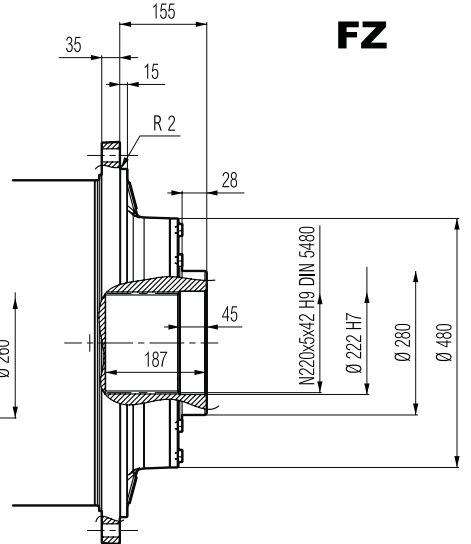
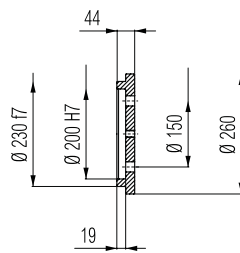
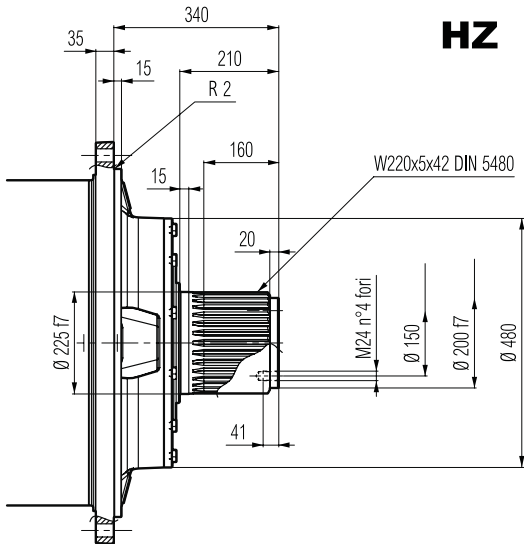
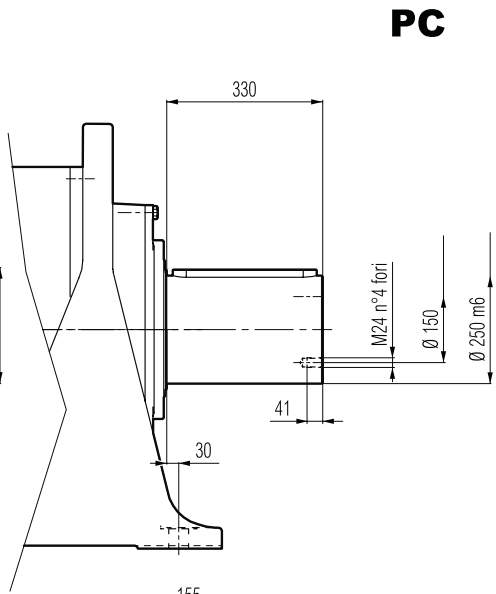
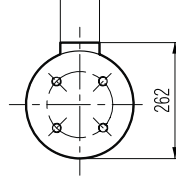
	R				P	P1	P2	Kg				C	Entrata Input Antrieb Entrée	I	F	F1	F2	Tipo Type Typ Type	Entrata Input Antrieb Entrée	Kg
	HZ HC	PC PZ	FZ	FP				HZ HC	PC PZ	FZ	FP									
318 R4 (B)	985	1115	985	985	345	292	400	1420	1720	1270	1300	45	B	191	195	147	1/4 G	6	B	28
318 R4 (C)	985	1115	985	985	390	292	480	1430	1730	1280	1310	45	B	191	195	147	1/4 G	6	B	28

	V1	V2	V3	Kg	V1	V2	V3	Kg	E										
									IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250
318 R4 (B)	60	105	307	23												152	182	212	193
318 R4 (C)	60	105	307	23												152	182	212	193

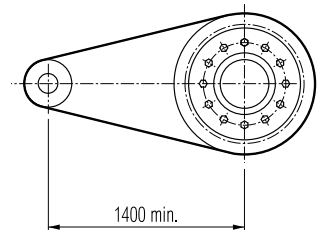
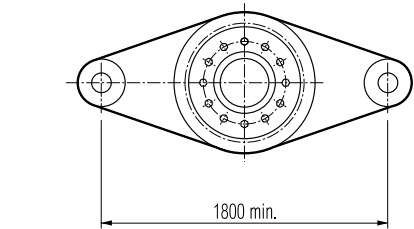
318L - 318R



A56x32x310
UNI 6604
DIN 6885



Acciaio / Steel
Stahl / Acier
R ≥ 600 N/mm²

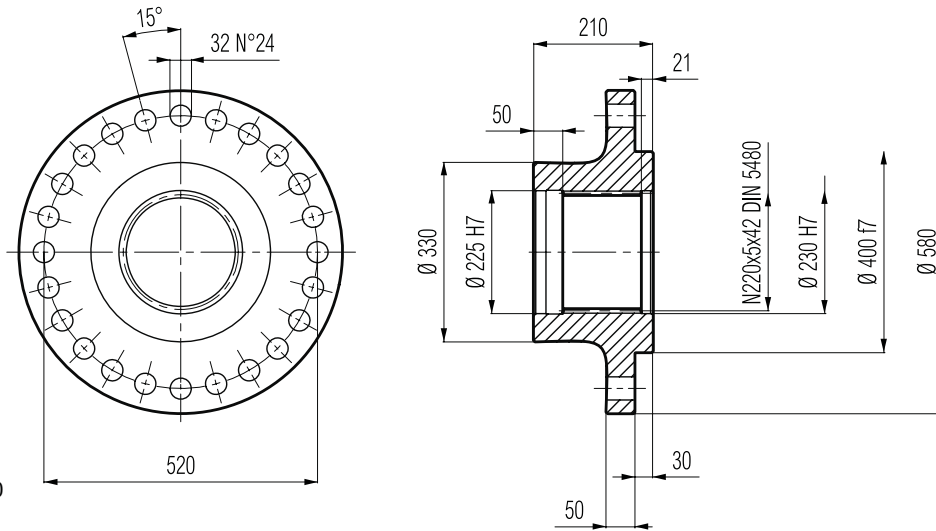
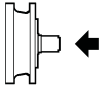


VERSIONE FP FP VERSION VERSION FP VERSION FP	COPPIA MAX. TRASMISSIBILE MAX. TRANSMISSIBLE TORQUE MAX. ÜBERTR. MOMENT COUPLE MAX. TRANSMISSIBLE	300 000 Nm
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Flangia / Flange
Flansch / Brides

318L - 318R

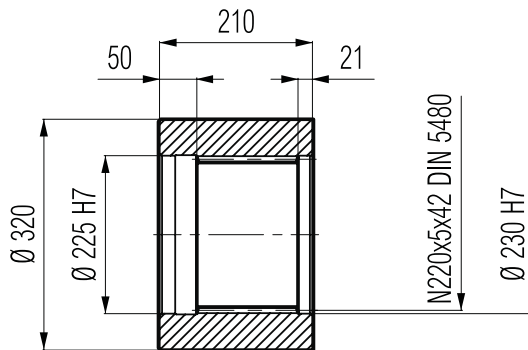
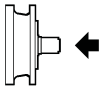
W0A



Materiale : Acciaio C40
Material : Steel C40
Material : Stahl C40
Màterial : Acier C40

Manicotti lisci / Sleeve couplings
Naben / Manchons lisses a cannelure interieure

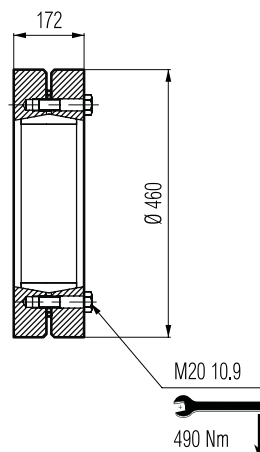
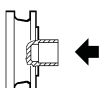
M0A



Materiale : Acciaio 16CrNi4
Material : Steel 16CrNi4
Material : Stahl 16CrNi4
Màterial : Acier 16CrNi4

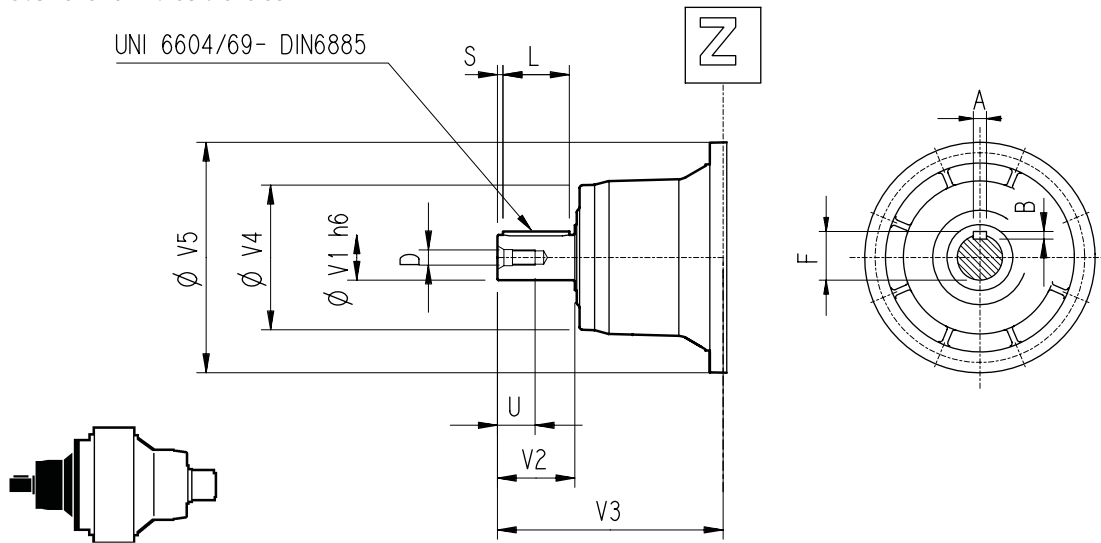
Giunto ad attrito / Shrink disc
Schrumpfscheibe / Frette de serrage

G0A



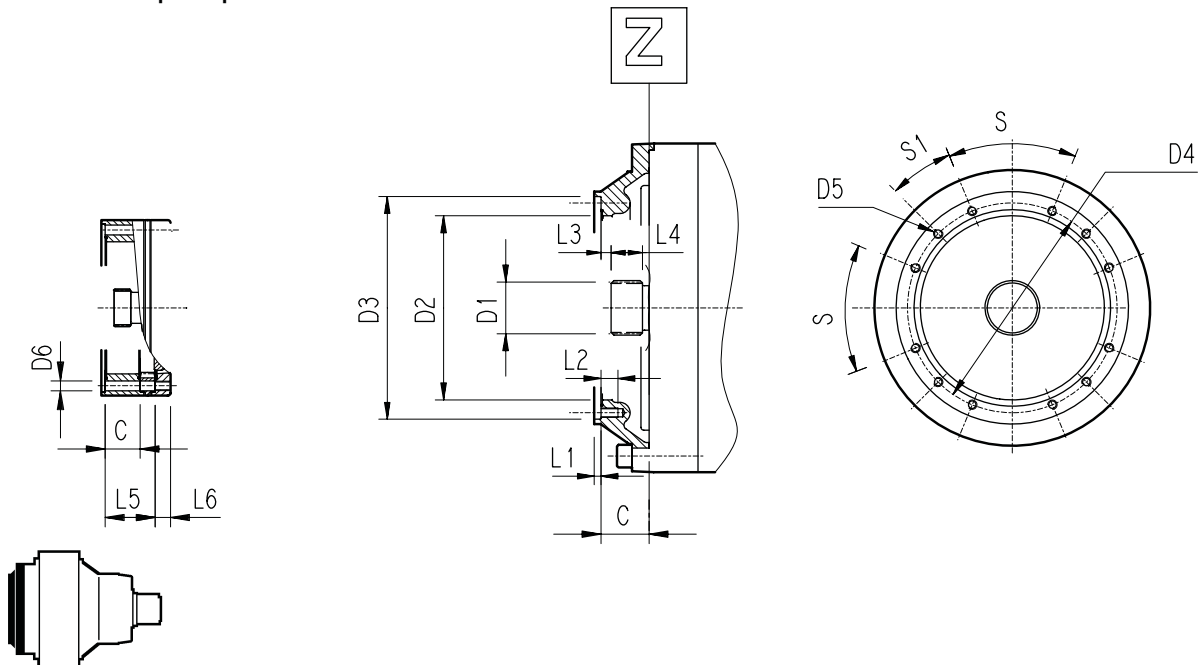
318L - 318R

Alberi veloci / Input shaft
Antriebswellen / Arbres d'entrée



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
318 L3	V11B	80	130	348	200	428	22	14	85	110	10	M16	36
318 L4	V07B	80	130	315	200	345	22	14	85	110	10	M16	36
	V07A	60	105	313	155	345	18	11	64	90	7.5	M16	36
318 R4 (B) (C)	V06B	60	105	307	155	292	18	11	64	90	7.5	M16	36

Dimensioni d'entrata senza predisposizione motore
Input dimension without motor adaptor
Maße für den Antrieb ohne Motoradapter
Dimensions d'entrée sans prédisposition moteur



	C	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	S	S1	Entrata Input Antrieb Entrée
318 L1																
318 L2	116	100x94 DIN 5482	340	412 H7	390	M16 n° 18	/	7	30	8	55	/	/	20°	20°	E
318 L3	81	80x74 DIN 5482	270	335 H7	314	M16 n° 8	/	5	30	8.5	40	/	/	60°	30°	D
318 L4	51	58x53 DIN 5482	195	236 H7	222	M16 n° 12	/	4	18	11	22	/	/	45°	22.5°	B
318 R4 (B) (C)	45	58x53 DIN 5482	195	236 H7	222	M10 n° 10	/	4	18	11	22	/	/	45°	22.5°	B

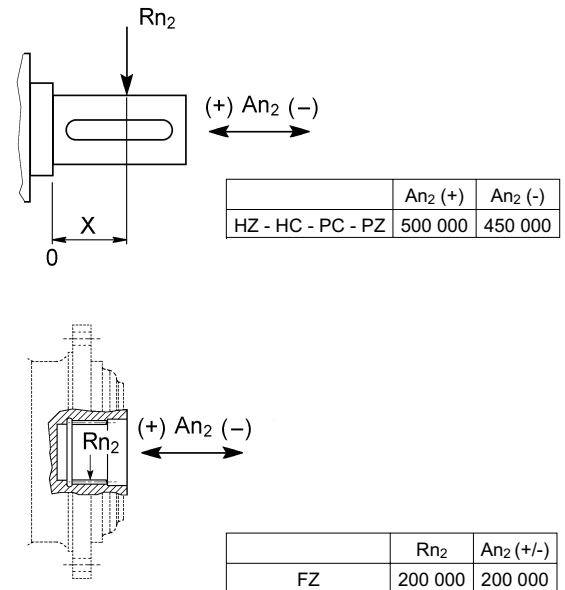
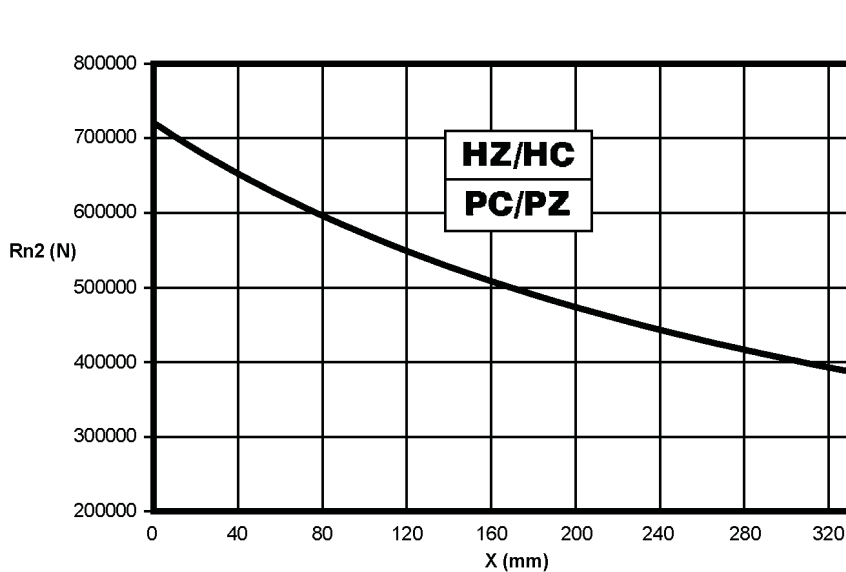
318L - 318R

Carichi radiali ed assiali ammissibili sull'albero lento per un valore di $Fh_2 : n_2 \cdot h = 10\ 000$

Permissible radial and axial loads on output shaft with $Fh_2 : n_2 \cdot h = 10\ 000$

An der Ausgangswelle zulässige Radiallasten und Axialkräfte für einen Wert von $Fh_2 : n_2 \cdot h = 10\ 000$

Charges radiales et axiales admises sur l'arbre lent pour une valeur de $Fh_2 : n_2 \cdot h = 10\ 000$



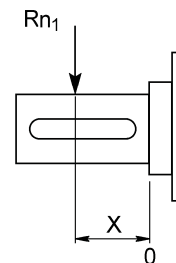
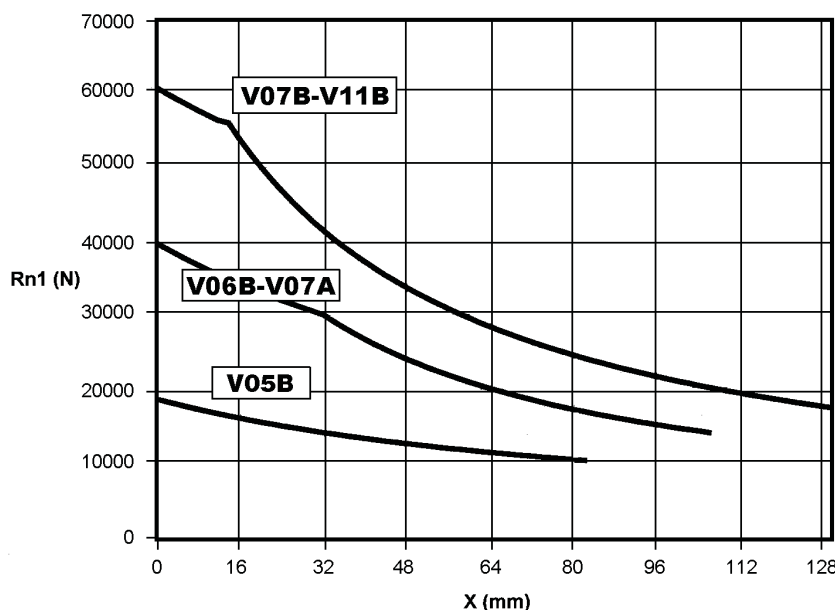
Fattore fh2 correttivo per carichi sugli alberi Load corrective factor fh2 on shafts Korrektionsfaktor fh2 für wellenbelastungen Facteur de corréction fh2 pour charges sur les arbres	Fh2 = n2 · h						
		10 000	25 000	50 000	100 000	500 000	1 000 000
fh2	FZ	1	0.74	0.58	0.46	0.27	0.21
	HZ - HC - PC - PZ	1	0.76	0.61	0.50	0.31	0.25

Carichi radiali ammissibili sull'albero veloce per un valore di $Fh_1 : n_1 \cdot h = 250\ 000$

Permissible radial loads on input shaft with $Fh_1 : n_1 \cdot h = 250\ 000$

An der Antriebswelle zulässige Radiallasten für einen Wert von $Fh_1 : n_1 \cdot h = 250\ 000$

Charges radiales admises sur l'arbre d'entrée pour une valeur de $Fh_1 : n_1 \cdot h = 250\ 000$



Fattore fh1 correttivo per carichi sugli alberi Load corrective factor fh1 on shafts Korrektionsfaktor fh1 für wellenbelastungen Facteur de corréction fh1 pour charges sur les arbres	Fh1 = n1 · h						
		250 000	500 000	1 000 000	2 000 000	5 000 000	10 000 000
fh1	1	0.79	0.63	0.50	0.37	0.29	