





316L

M₂ = 105000 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	135 000	126 000	113 000	100 000	66 000	54 000	280	68	350	500			
	L2	18.0	135 000	126 000	103 000	84 000	52 000	42 000	180	50	750	1 000		
		23.1	135 000	126 000	107 000	85 000	53 000	42 700	180	50	750	1 000		
L3	27.4	124 000	115 000	98 000	79 600	49 400	40 500	180	50	750	1 000			
	61.7	135 000	126 000	103 000	84 000	52 000	42 000	100	35	1 500	2 500	3 200	6L	
	73.6	135 000	126 000	103 000	84 000	52 000	42 000	100	35	1 500	2 500	2 600	6K	
	79.2	135 000	126 000	107 000	85 000	53 000	42 700	100	35	1 500	2 500	2 600	6K	
	94.5	135 000	126 000	103 000	84 000	52 000	42 000	100	35	1 500	2 500	2 100	6G	
	112	132 000	121 000	103 000	84 000	52 000	42 000	100	35	1 500	2 500	2 100	6G	
	121	135 000	126 000	107 000	85 000	53 000	42 700	100	35	1 500	2 500	1 500	6E	
	144	132 000	121 000	103 000	84 000	52 000	42 000	100	35	1 500	2 500	1 500	6E	
171	124 000	115 000	98 100	80 000	49 400	40 500	100	35	1 500	2 500	1 100	6C		
L4	222	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	800	5G	
	265	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	800	5G	
	313	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	630	5E	
	340	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	630	5E	
	383	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	500	5C	
	457	135 000	126 000	103 000	84 000	52 000	42 000	60	18	1 800	3 800	400	5B	
	504	135 000	126 000	103 000	84 000	52 000	42 000	54	18	1 800	3 800	400	5B	
	552	135 000	126 000	103 000	84 000	52 000	42 000	50	18	1 800	3 800	400	5B	
	586	135 000	126 000	103 000	84 000	52 000	42 000	47	18	1 800	3 800	400	5B	
	612	132 000	121 000	103 000	84 000	52 000	42 000	45	18	1 800	3 800	400	5B	
	647	135 000	126 000	107 000	85 000	53 000	42 700	42	18	1 800	3 800	400	5B	
	709	135 000	126 000	103 000	84 000	52 000	42 000	39	18	1 800	3 800	400	5B	
	752	135 000	126 000	107 000	85 000	53 000	42 700	37	18	1 800	3 800	400	5B	
	768	132 000	121 000	103 000	84 000	52 000	42 000	36	18	1 800	3 800	400	5B	
	841	132 000	121 000	103 000	84 000	52 000	42 000	33	18	1 800	3 800	400	5B	
	892	132 000	121 000	103 000	84 000	52 000	42 000	31	18	1 800	3 800	400	5B	
1 079	132 000	121 000	103 000	84 000	52 000	42 000	25	18	1 800	3 800	400	5B		
1 281	124 000	115 000	98 100	80 000	49 400	40 500	21	18	1 800	3 800	400	5B		

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

M₂ = 105000 Nm
316R

	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						
R3 (B)	52.9	108 000	101 000	87 000	70 000	42 300	33 900	150	75	1 500	2 500	2 600	6K
	67.9	134 000	126 000	104 000	82 000	50 000	40 200	150	75	1 500	2 500	2 600	6K
	81.0	124 000	115 000	98 000	79 000	49 400	40 500	150	75	1 500	2 500	2 100	6G
R3 (C)	73.2	105 000	79 000	64 000	52 000	32 200	26 200	150	90	1 500	2 500	2 100	6G
	93.9	126 000	95 000	78 000	61 000	39 100	31 500	150	90	1 500	2 500	2 100	6G
	111	124 000	108 000	86 000	70 000	44 100	36 300	150	90	1 500	2 500	1 500	6E
R4	233	101 000	92 000	76 000	61 000	38 300	31 400	82	45	1 800	3 800	630	5E
	278	117 000	104 000	84 000	69 000	43 000	34 500	79	45	1 800	3 800	630	5E
	299	124 000	110 000	91 000	73 000	45 000	36 800	78	45	1 800	3 800	630	5E
	357	135 000	125 000	102 000	83 000	51 000	41 800	71	45	1 800	3 800	500	5C
	424	132 000	121 000	103 000	83 000	51 000	42 000	59	45	1 800	3 800	400	5B
	458	135 000	126 000	107 000	85 000	53 000	42 700	56	45	1 800	3 800	400	5B
	544	132 000	121 000	103 000	83 000	51 000	42 000	46	45	1 800	3 800	400	5B
	645	124 000	115 000	98 000	79 000	49 400	40 500	36	45	1 800	3 800	400	5B

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

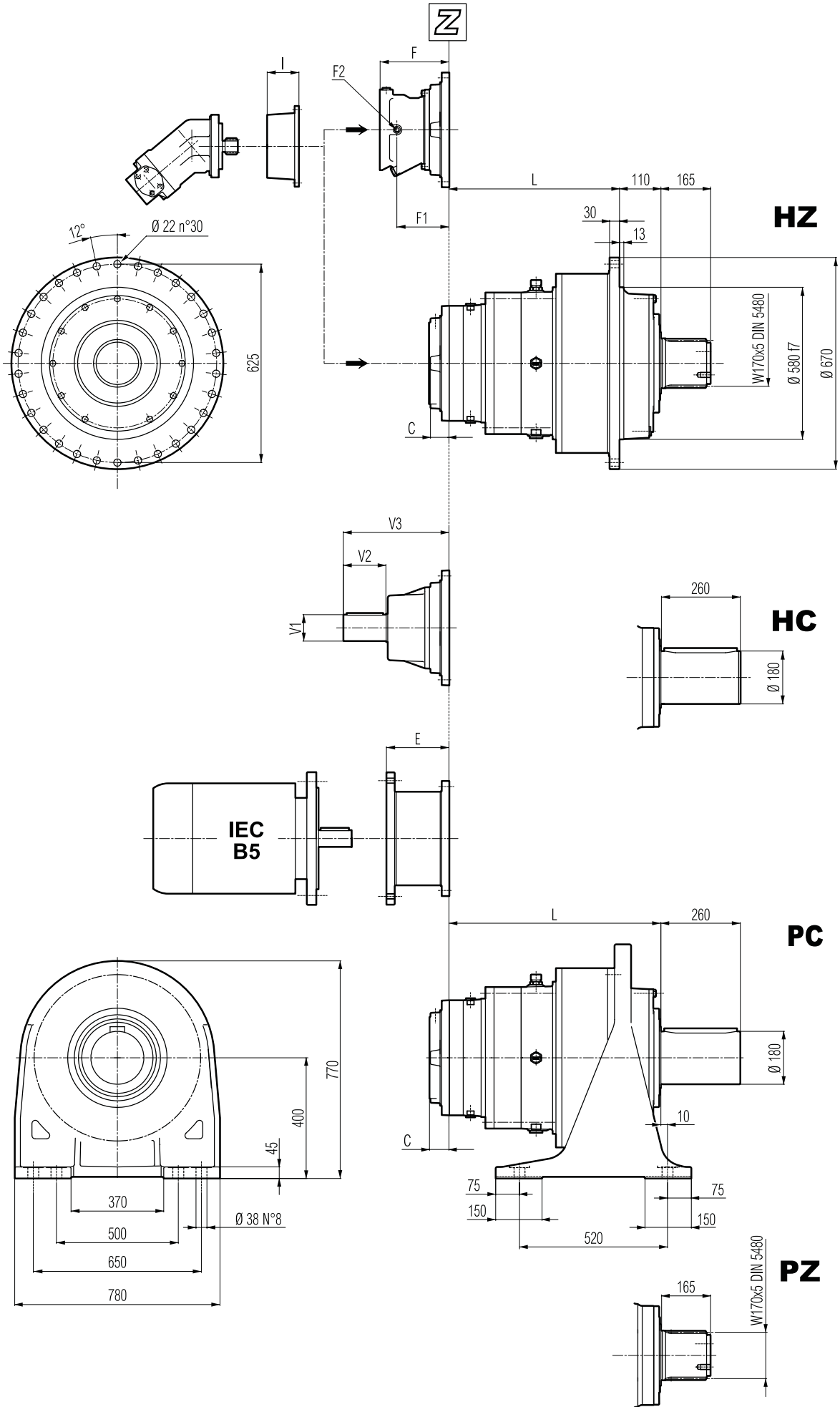
Nota: i contrassegni (A) (B) (C) sulla stessa grandezza, indicano riduzioni angolari di dimensioni differenti: vedere le pagine dimensionali.

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

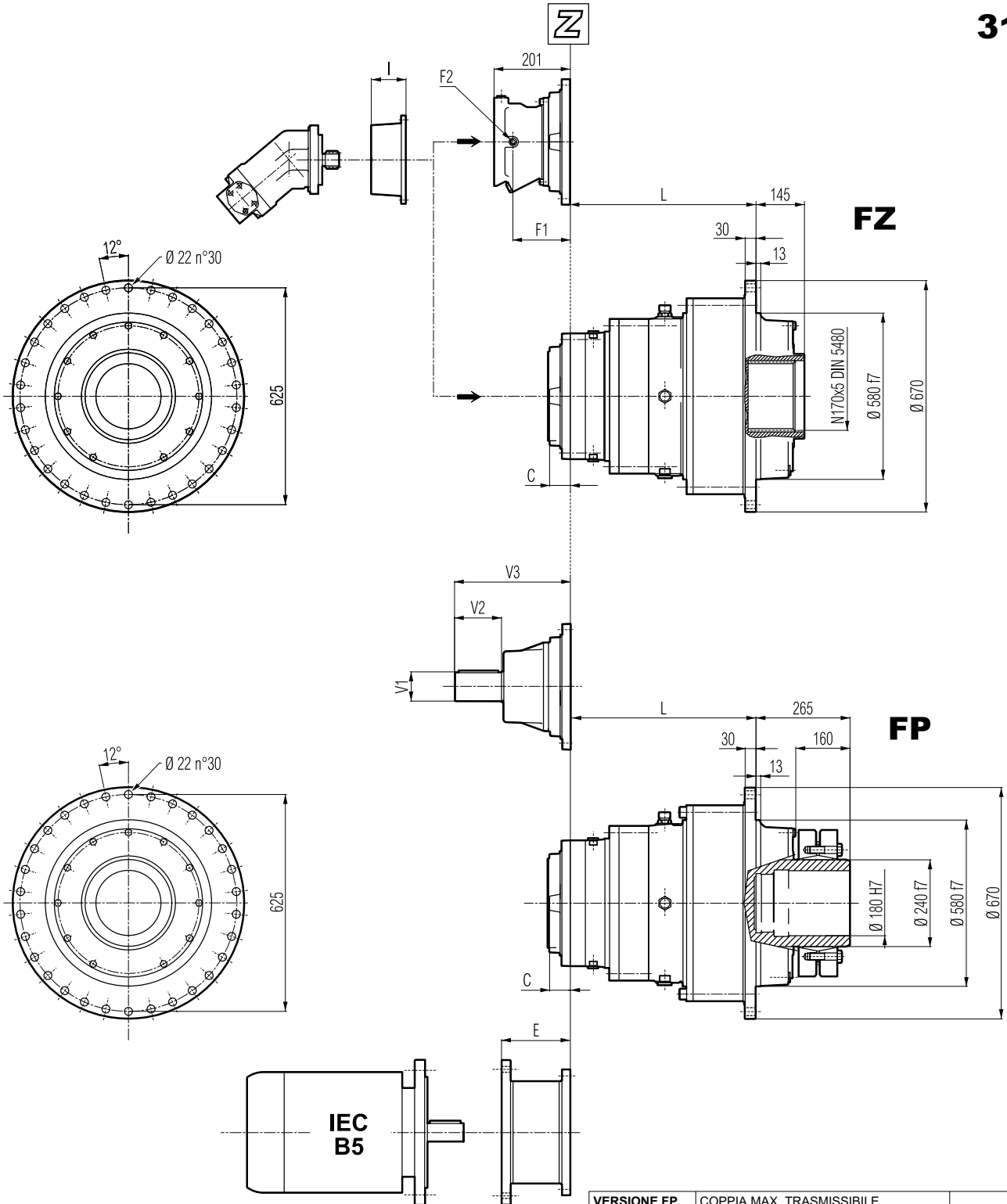
Hinweis: Die Kennzeichnungen (A) (B) (C) an der gleichen Baugröße weisen auf die Winkelreduzierung in unterschiedlichen Maßen hin: siehe Seiten mit Maßtabellen.

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

316L



316L

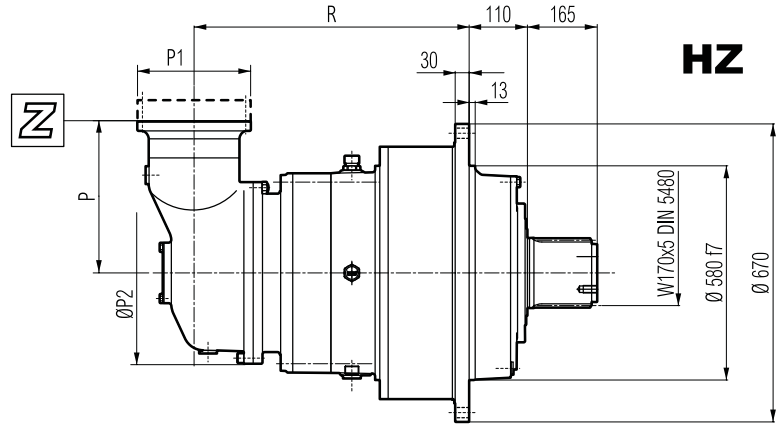
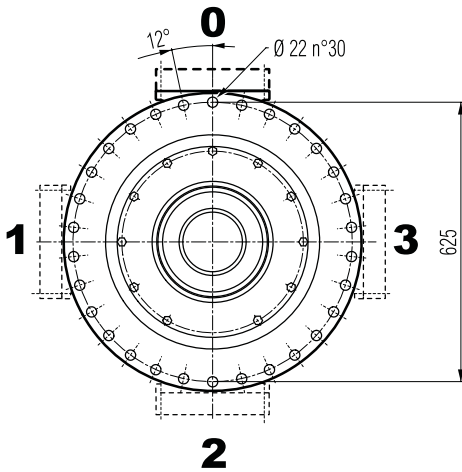
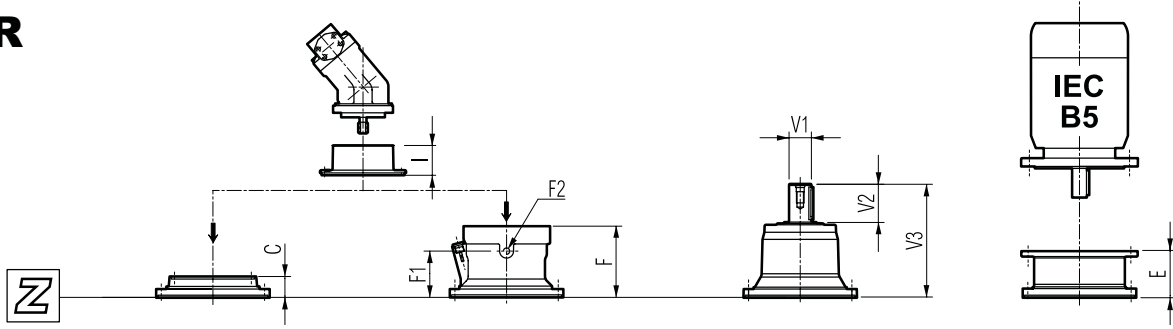


VERSIONE FP FP VERSION VERSION FP VERSION FP	COPPIA MAX. TRASMISSIBILE MAX. TRANSMISSIBLE TORQUE MAX. ÜBERTR. MOMENT COUPLE MAX. TRANSMISSIBLE	162 000 Nm
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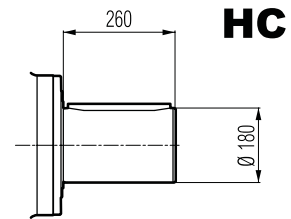
	L				Kg				C	Entrata Input Antrieb Entrée	I	F	F1	F2	Tipo Type Typ Type	Entrata Input Antrieb Entrée	Kg
	HZ HC	PC PZ	FZ	FP	HZ HC	PC PZ	FZ	FP									
316 L1	179	289	179	179	500	700	430	450	156	E							
316 L2	431	541	431	431	590	790	520	540	81	D							
316 L3	564	674	564	564	640	840	570	590	51	B		201	153	1/4 G	6	B	28
316 L4	653	763	653	653	660	860	590	610	37	A	191	145	95	1/4 G	5	A	16

	V1	V2	V3	Kg	V1	V2	V3	Kg	E							
									IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250		
316 L1																
316 L2	80	130	348	35												
316 L3	80	130	315	35	60	105	313	28				195	186	216	215	
316 L4	48	82	239	15								114	144	144	174	

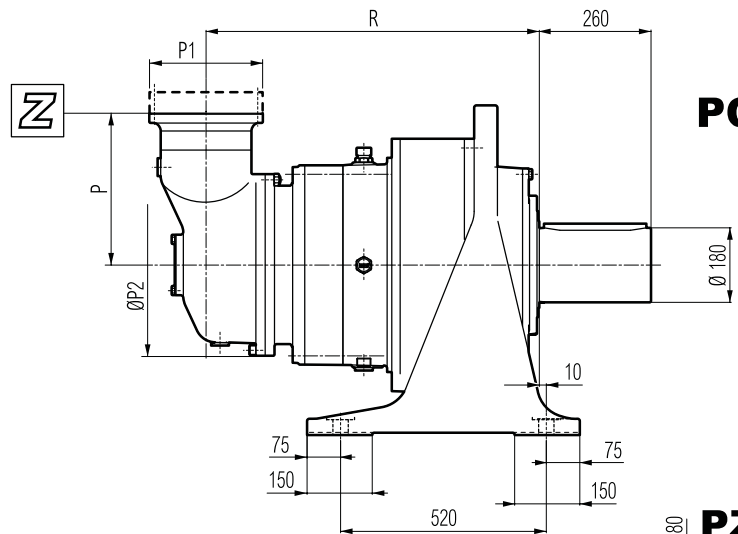
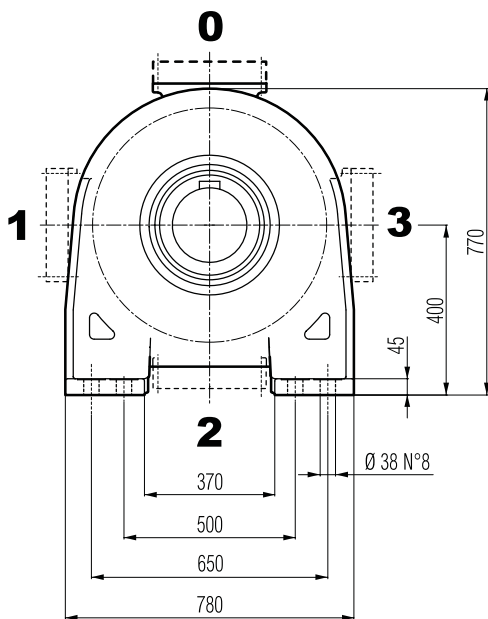
316R



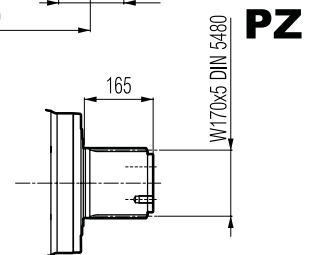
HZ



HC

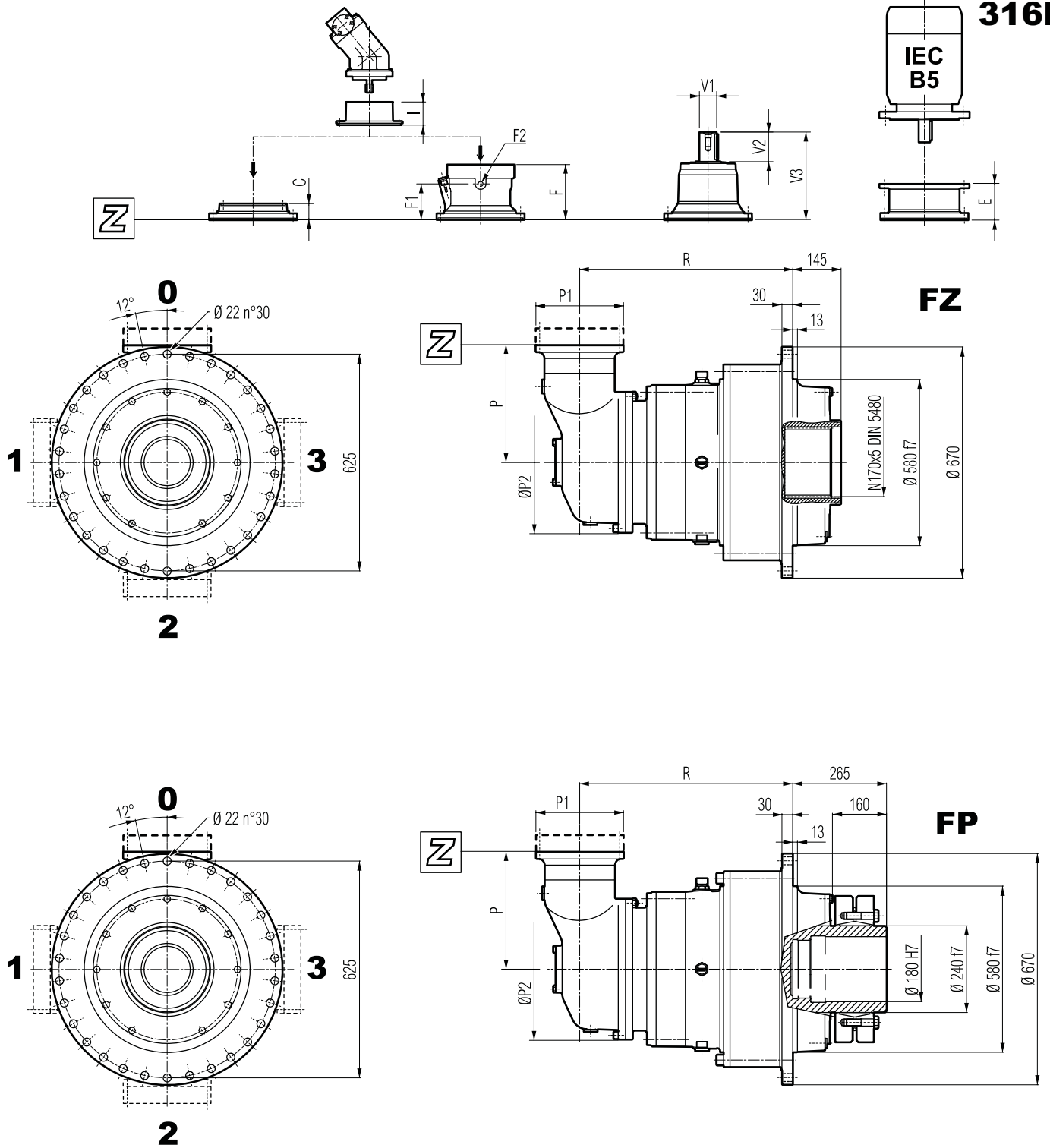


PC



PZ

316R

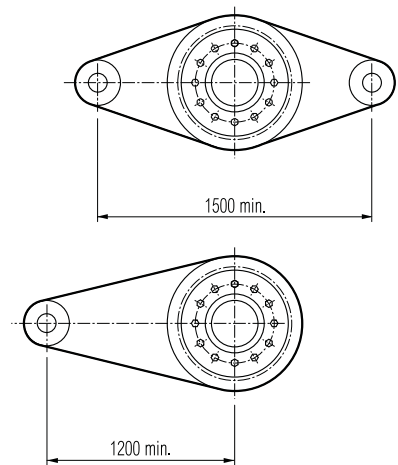
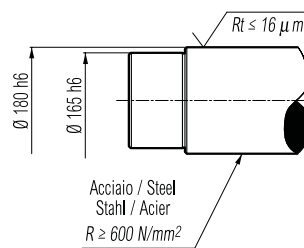
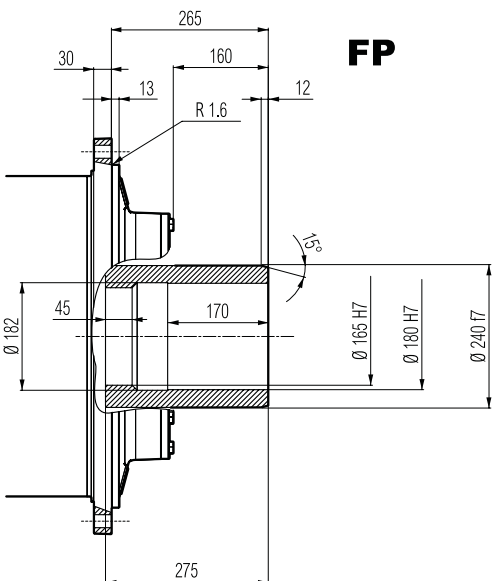
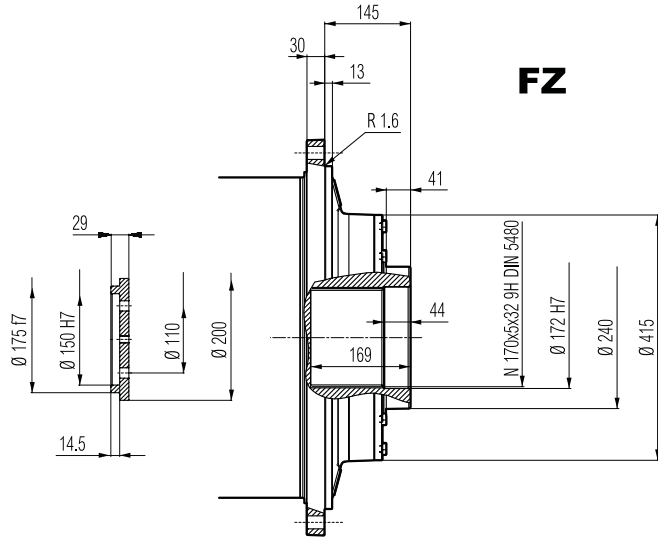
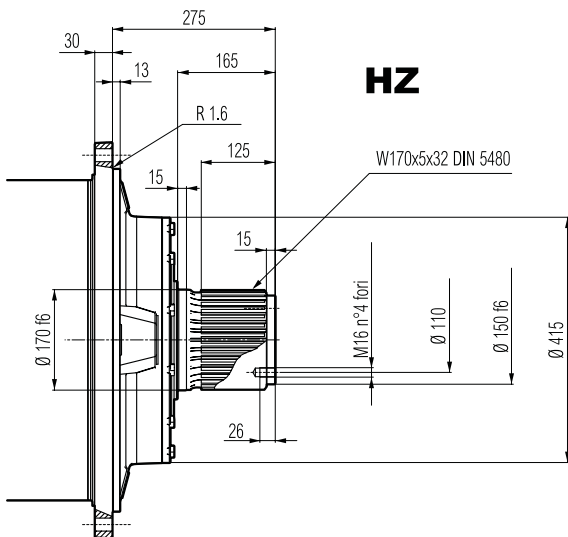
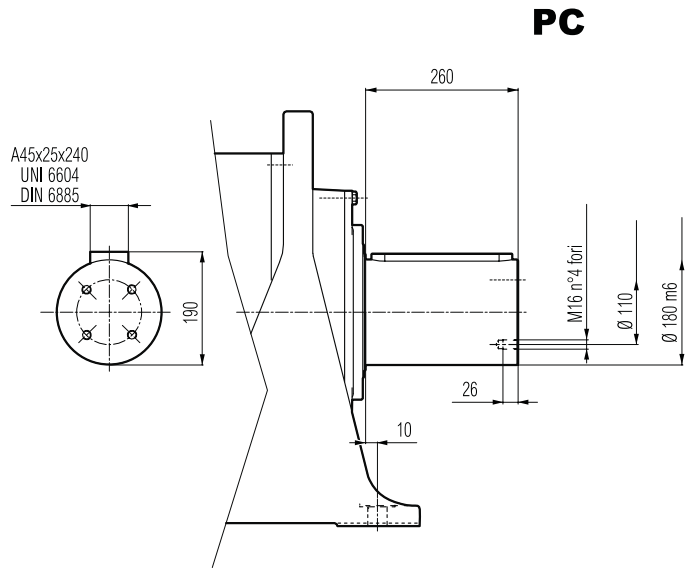
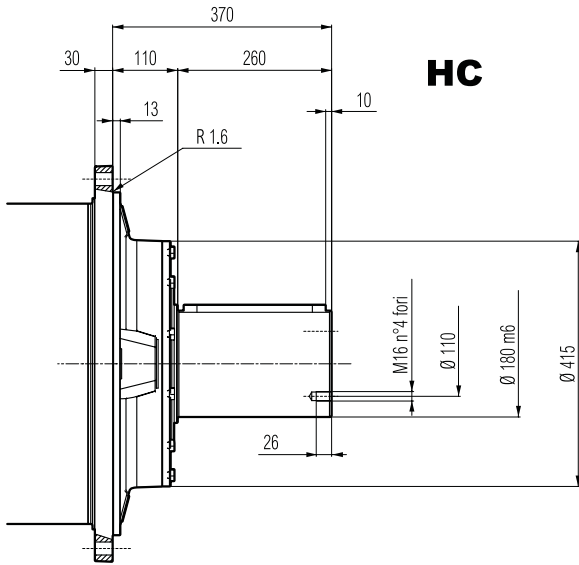


VERSIONE FP FP VERSION VERSION FP VERSION FP	COPPIA MAX. TRASMISSIBILE MAX. TRANSMISSIBLE TORQUE MAX. ÜBERTR. MOMENT COUPLE MAX. TRASMISSIBILE	162 000 Nm
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	R				P	P1	P2	Kg				C	Entrata Input Antrieb Entrée	I	F	F1	F2	Tipo Type Typ Type	Entrata Input Antrieb Entrée	Kg
	HZ HC	PC PZ	FZ	FP				HZ HC	PC PZ	FZ	FP									
316 R3 (B)	656	766	656	656	345	292	400	710	910	640	660	45	B	195	147	1/4 G	6	B	28	
316 R3 (C)	656	766	656	656	390	292	480	720	920	650	670	45	B	195	147	1/4 G	6	B	28	
316 R4	683	793	683	683	225	245	345	690	890	620	640	37	A	145	95	1/4 G	5	A	16	

	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
316 R3 (B)	60	105	307	23												152	182	212	193
316 R3 (C)	60	105	307	23												152	182	212	193
316 R4	48	82	239	15										114	144	144	174		

316L - 316R

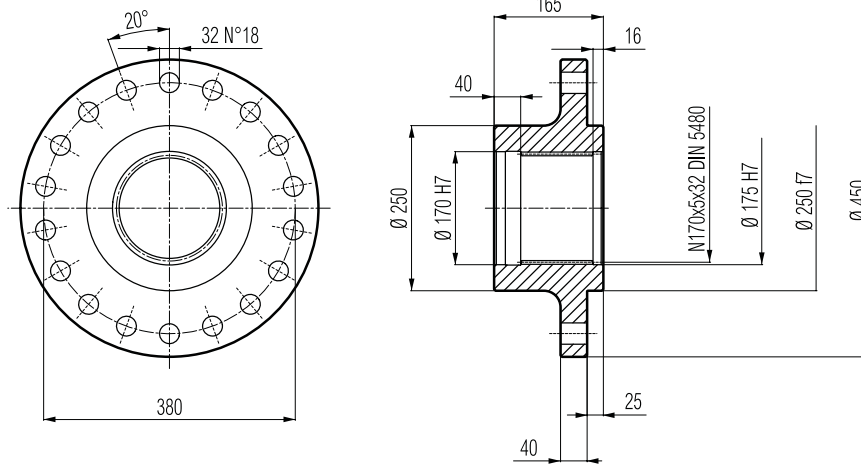
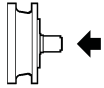


VERSIONE FP	COPPIA MAX. TRASMISSIBILE	162 000 Nm
FP VERSION	MAX. TRANSMISSIBLE TORQUE	
VERSION FP	MAX. ÜBERTR. MOMENT	
VERSION FP	COUPLE MAX. TRANSMISSIBLE	

Flangia / Flange
Flansch / Brides

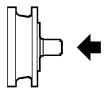
316L - 316R

W0A

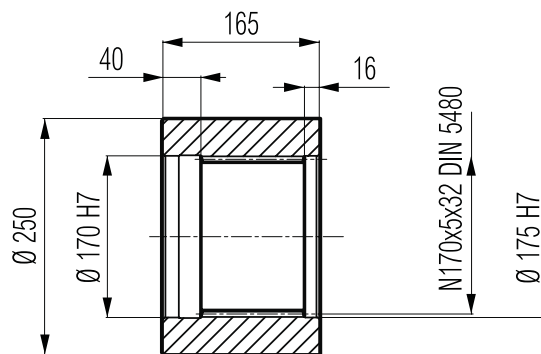


Materiale : Acciaio C40
Material : Steel C40
Material : Stahl C40
Màterial : Acier C40

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

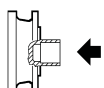


M0A

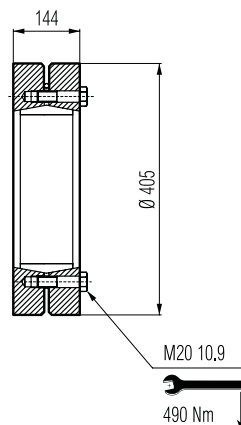


Materiale : Acciaio 16CrNi4
Material : Steel 16CrNi4
Material : Stahl 16CrNi4
Màterial : Acier 16CrNi4

Giunto ad attrito / Shrink disc
Schrumpfscheibe / Frette de serrage

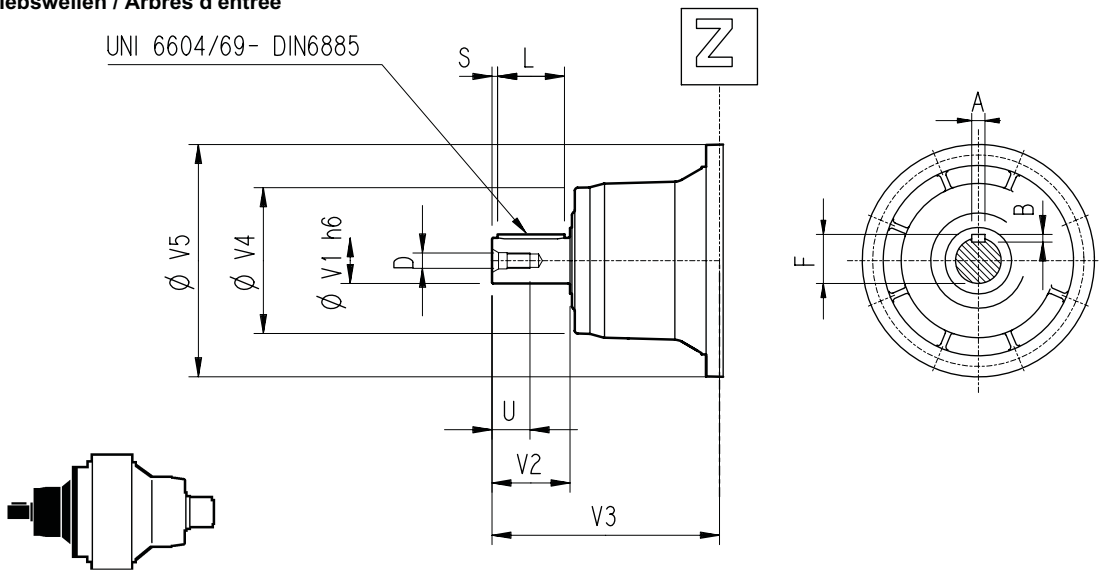


G0A



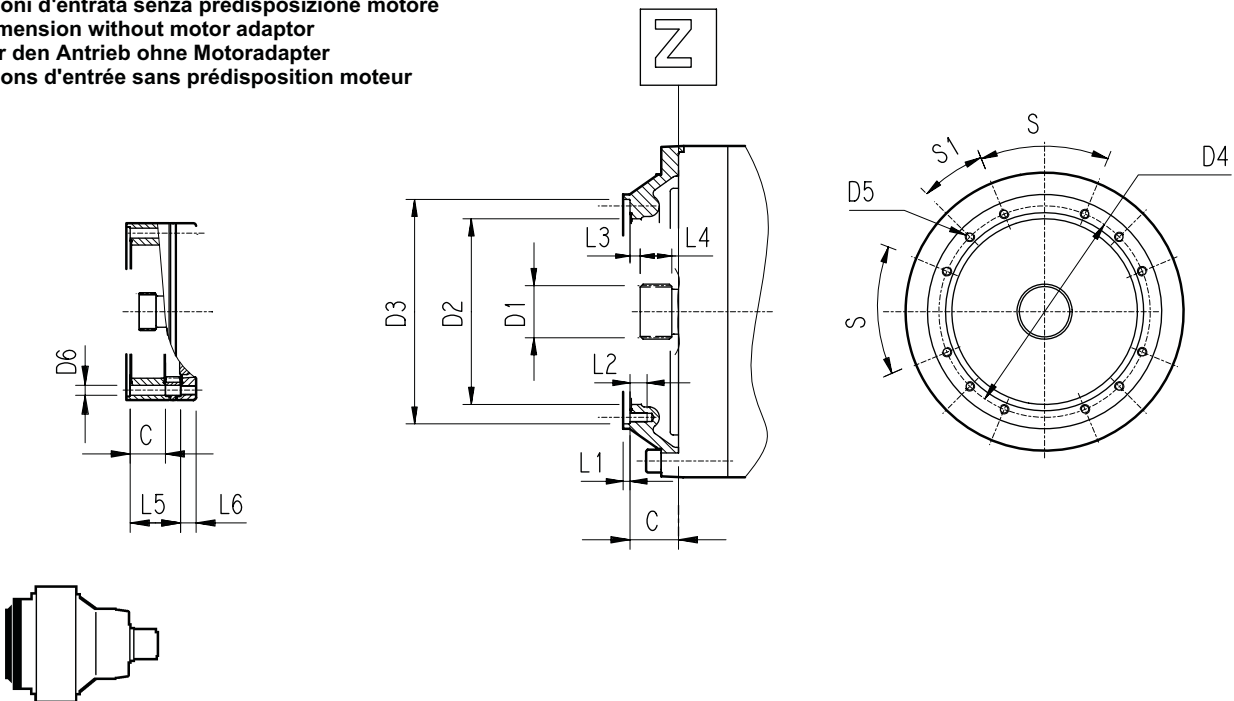
316L - 316R

Alberi veloci / Input shaft
Antriebswellen / Arbres d'entrée



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
316 L2	V11B	80	130	348	200	428	22	14	85	110	10	M16	36
316 L3	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
316 L4	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
316 R3 (B) (C)	V06B	60	105	307	155	292	18	11	64	90	7.5	M16	36
316 R4	V05B	48	82	239	155	245	14	9	51.5	70	6	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
316 L1	116	100x94 DIN 5482	340	412 H7	390	M16 n° 18	/	7	30	8	55	/	/	20°	20°	E
316 L2	81	80x74 DIN 5482	270	335 H7	314	M16 n° 8	/	5	30	8.5	40	/	/	60°	30°	D
316 L3	51	58x53 DIN 5482	195	236 H7	222	M10 n° 12	/	4	18	11	22	/	/	45°	22.5°	B
316 L4	37	40x36 DIN 5482	140	178 H7	165	M10 n° 8	0	4	18	9	18	0	0	45°	45°	A
316 R3 (B) (C)	45	58x53 DIN 5482	195	236 H7	222	M10° 12	/	4	18	11	22	/	/	45°	22.5°	B
316 R4	37	40x36 DIN 5482	140	178 H7	165	M10 n° 8	11	4	18	9	18	0	0	45°	45°	A

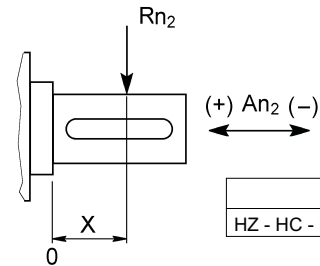
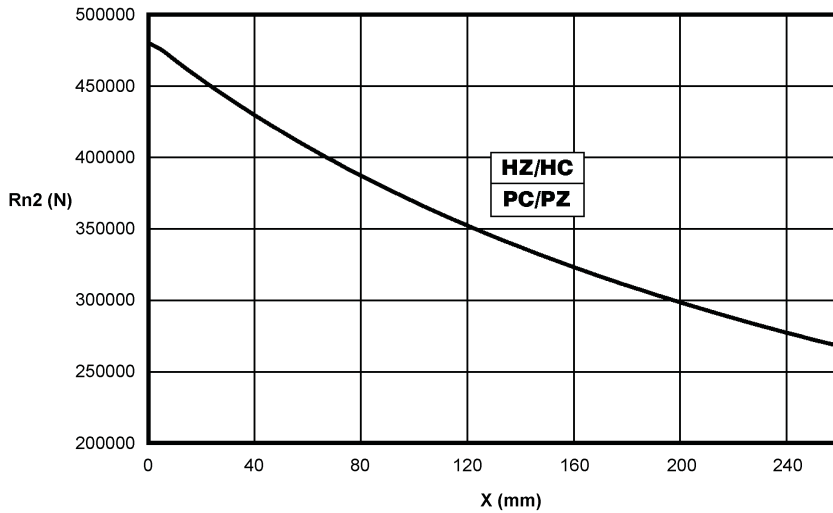
316L - 316R

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

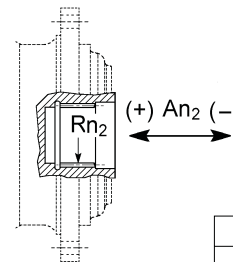
Permissible radial and axial loads on output shaft with $Fh_2 : n_2 \cdot h = 10\ 000$

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 $Fh_2 : n_2 \cdot h = 10\ 000$



	An2 (+)	An2 (-)
HZ - HC - PC - PZ	360 000	300 000



	Rn2	An2 (+/-)
FZ	150 000	150 000

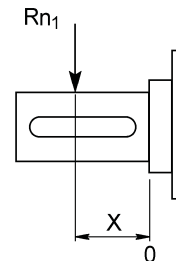
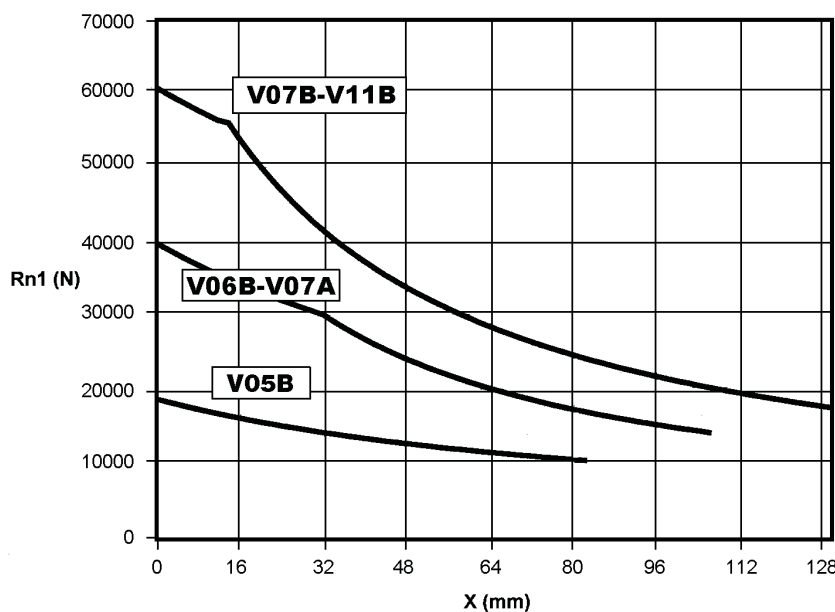
Fattore fh2 correttivo per carichi sugli alberi Load corrective factor fh2 on shafts Korrektionsfaktor fh2 für wellenbelastungen Facteur de corréction fh2 pour charges sur les arbres	$Fh_2 = n_2 \cdot h$						
		10 000	25 000	50 000	100 000	500 000	1 000 000
fh2	FZ	1	0.74	0.58	0.46	0.27	0.21
	HZ - HC - 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	$Fh_1 = n_1 \cdot h$						
		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	