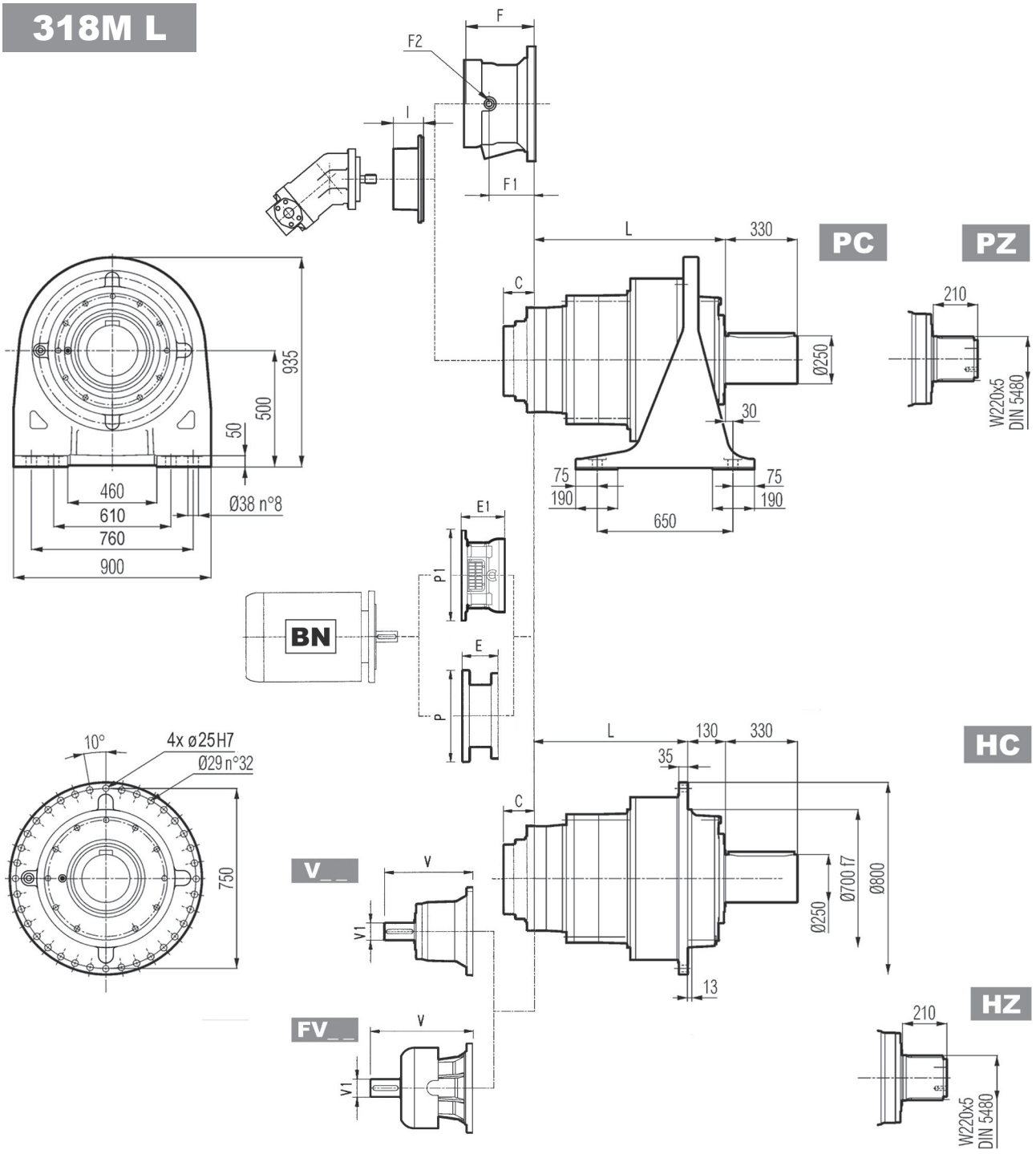
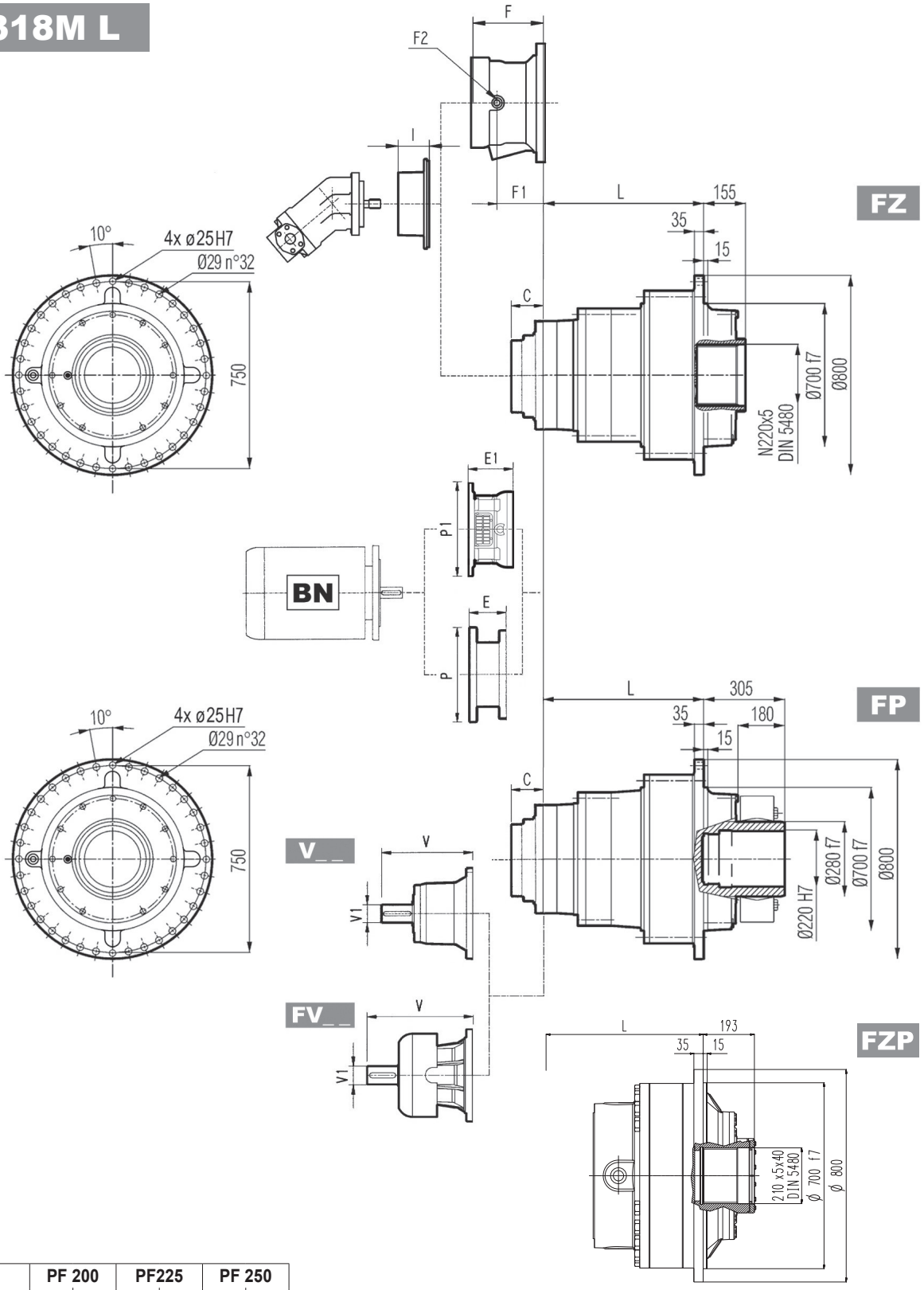
318M L



	L				Kg			
	PC - PZ	HC - HZ	FZ - FZP	FP	PC - PZ	HC - HZ	FZ - FZP	FP
318 L1	332	202	202	202	1250	950	800	830
318 L2	677	547	547	547	1500	1200	1050	1080
318 L3	889	759	759	759	1600	1300	1150	1180
318 L4	1022	892	892	892	1650	1350	1200	1230

	V	V1	Kg	V	V1	Kg	V	V1	Kg	V	V1	Kg	C	Input	I	F	F1	F2	Type	Input	Kg
318 L1	—	—	—	—	—	—	—	—	—	—	—	—	208	G		—	—	—	—	—	—
318 L2	556	120	125	—	—	—	—	—	—	—	—	—	116	E		—	—	—	—	—	—
318 L3	348	80	55	—	—	—	456	80	85	—	—	—	81	D	461	232	185	1/4 G	6	B	28
318 L4	315	80	35	313	60	28	375	80	48	363	60	34	51	B		201	153	1/4 G	6	B	28

318M L



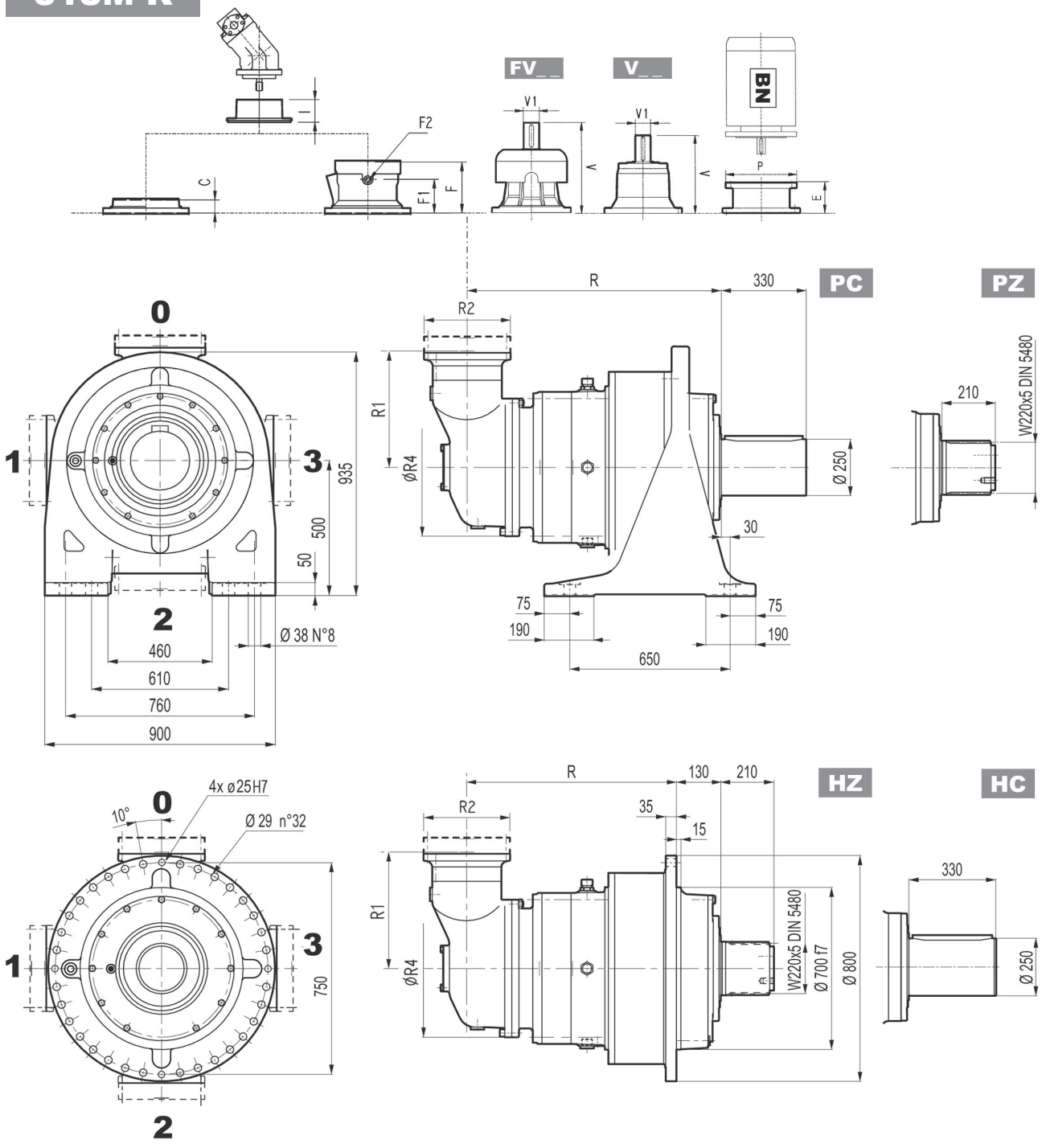
	PF 200		PF225		PF 250	
	E1	P1	E1	P1	E1	P1
318M L3	—	—	250	580	250	580
318M L4	197	530	227	530	227	550

Bemerkung: Für R Design kontaktieren Sie den technischen Service von Bonfiglioli

FP M_{2max} = 322000 Nm

	P180		P200		P225		P250	
	E	P	E	P	E	P	E	P
318 L3	—	—	267	400	297	450	297	550
318 L4	195	350	186	400	216	450	215	550

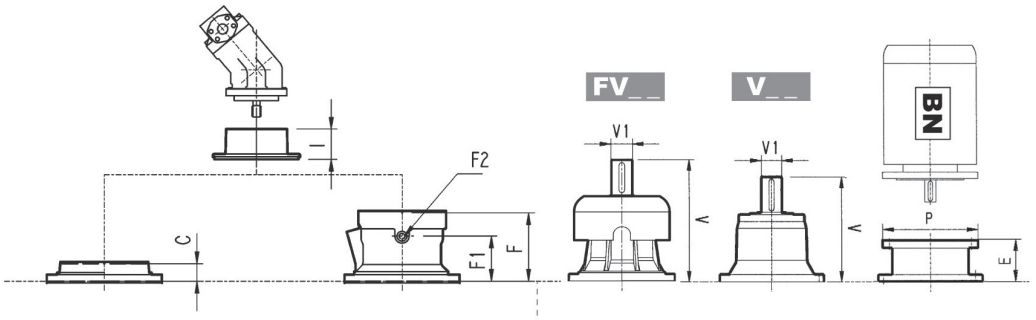
318M R

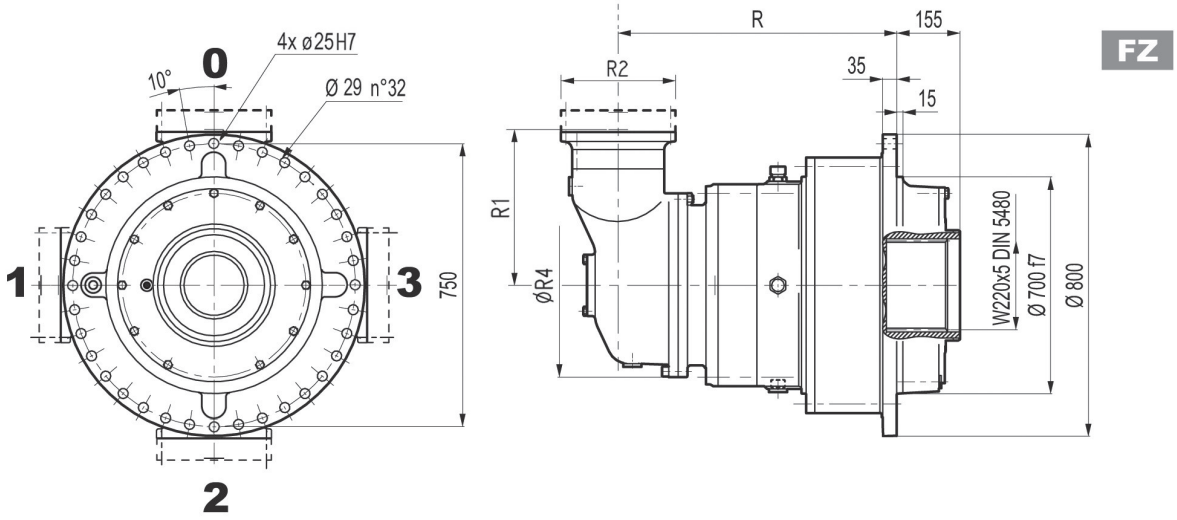


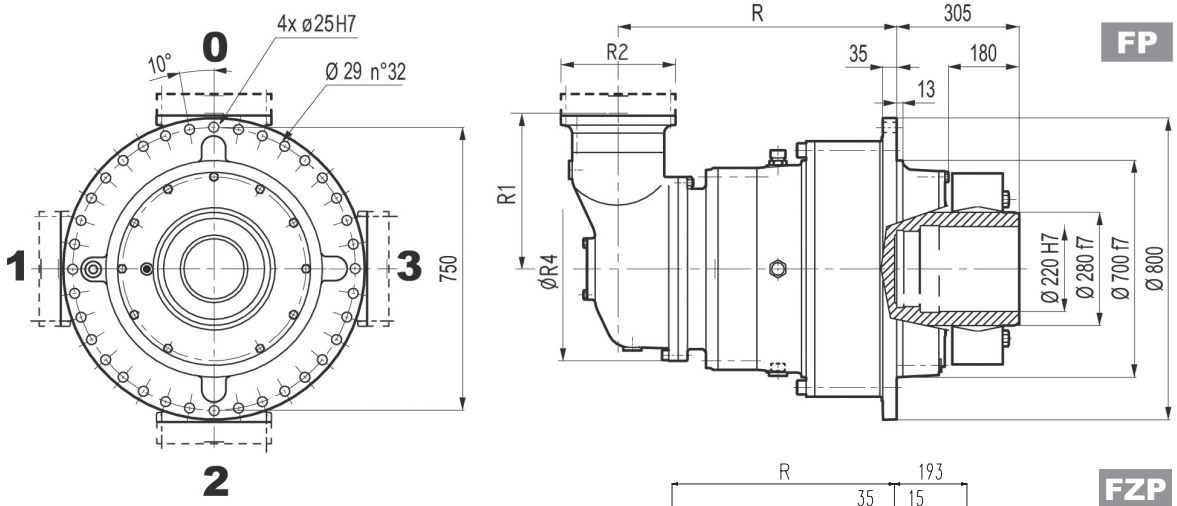
	R				R1	R2	R4	Kg			
	PC-PZ	HC-HZ	FZ - FZP	FP				PC-PZ	HC-HZ	FZ - FZP	FP
318 R4 (B)	1115	985	985	985	345	292	400	1720	1420	1270	1300
318 R4 (C)	1115	985	985	985	390	292	480	1730	1430	1280	1310

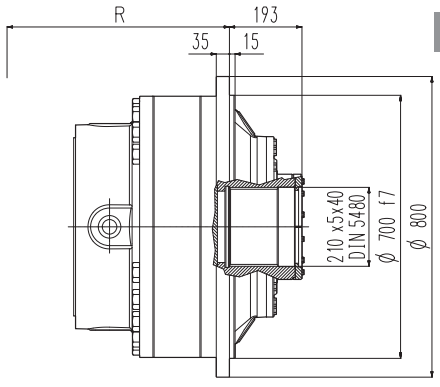
	V	V1	Kg	V	V1	Kg	V	V1	Kg	V	V1	Kg	C	Input	I	F	F1	F2	Type	Input	Kg
318 R4 (B)	307	60	23	—	—	—	357	60	28	—	—	—	45	B	461	195	147	1/4 G	6	B	28
318 R4 (C)	307	60	23	—	—	—	357	60	28	—	—	—	45	B		195	147	1/4 G	6	B	28

318M R





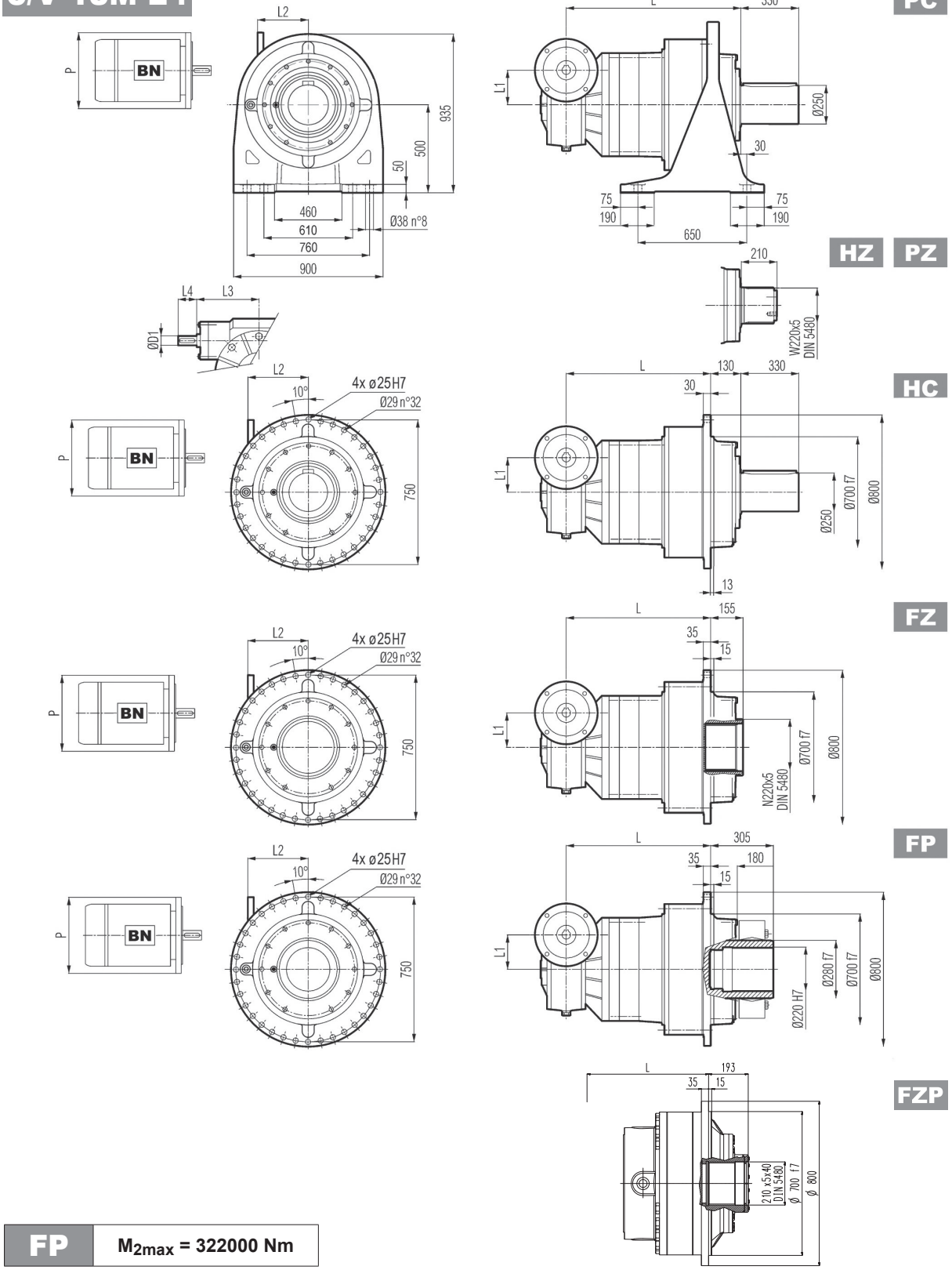




FP M_{2max} = 322000 Nm

	P132		P160		P180		P200		P225		P250	
	E	P	E	P	E	P	E	P	E	P	E	P
318 R4 (B)	—	—	—	—	152	350	182	400	212	450	193	550
318 R4 (C)	—	—	—	—	152	350	182	400	212	450	193	550

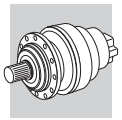
3/V 18M L4



FP M_{2max} = 322000 Nm

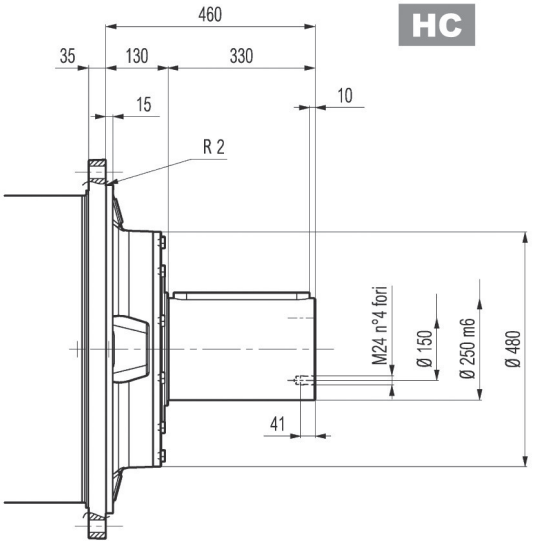
	L				L1	D1	L3	L4	Kg			
	PC - PZ	HC - HZ	FZ - FZP	FP					PC - PZ	HC - HZ	FZ - FZP	FP
3/V 18 L4	1114	984	984	984	210	48	230	110	1810	1510	1360	1390

	P132		P160		P180		P200		P225	
	L2	P	L2	P	L2	P	L2	P	L2	P
3/V 18 L4	485	300	460	350	460	350	485	400	490	450

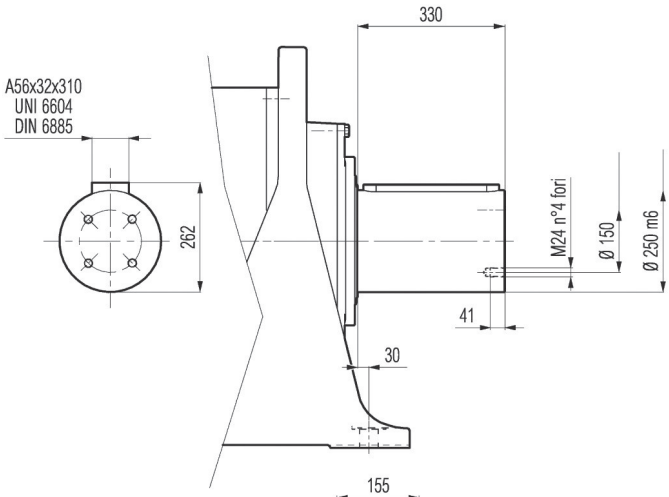


318M L 318M R 3/V 18M L4

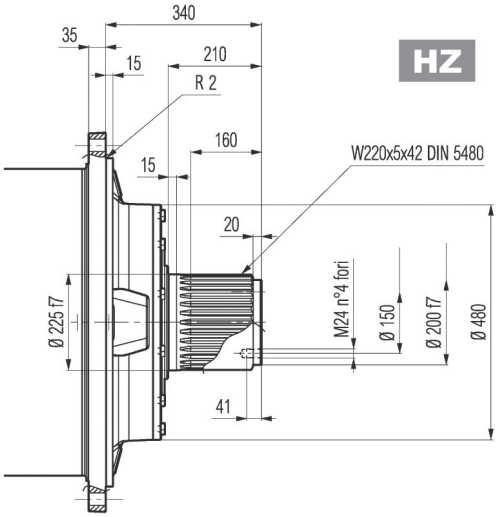
HC



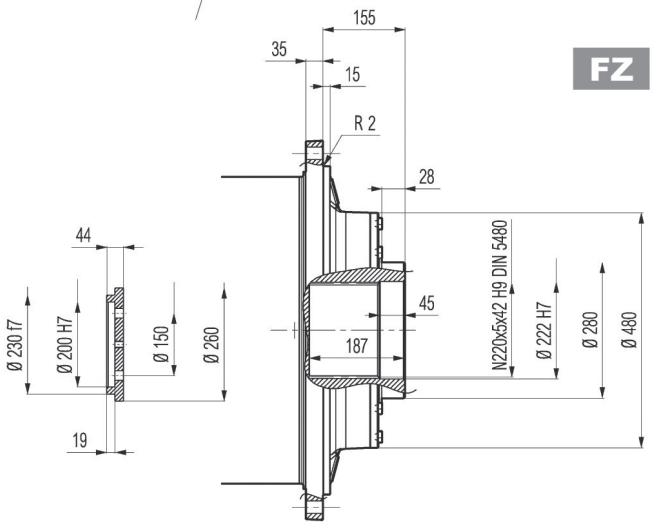
PC



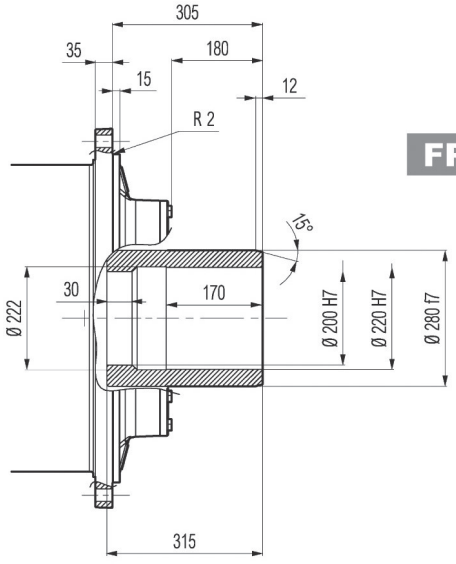
HZ



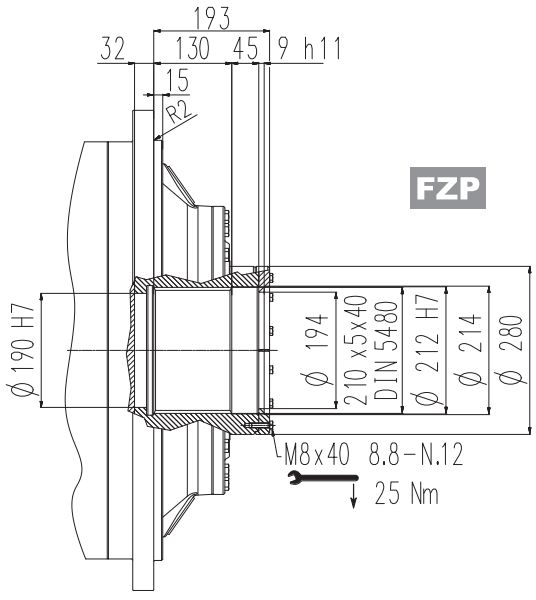
FZ



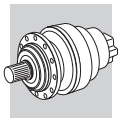
FP



FZP



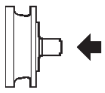
FP	M_{2max} = 322000 Nm

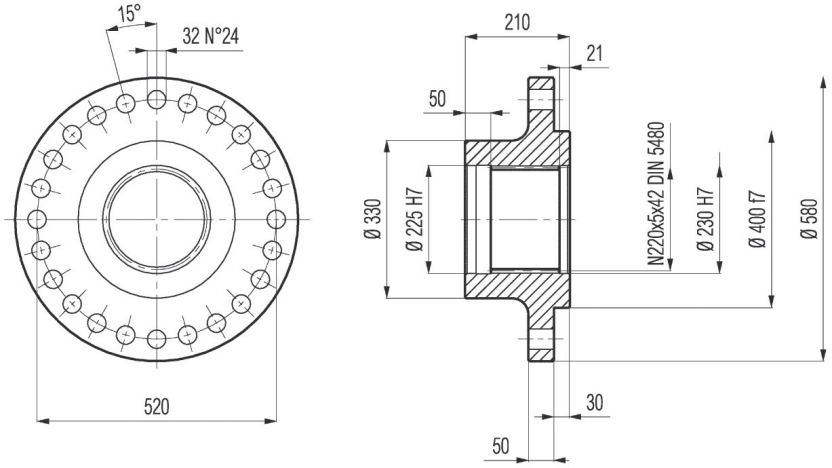


318M L 318M R 3/V 18M L4

Flansch

W0A

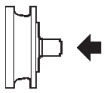


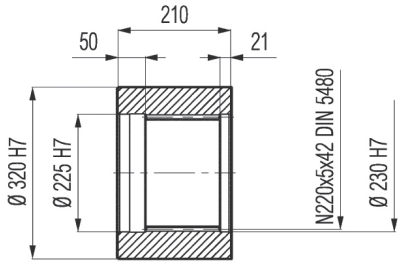


Material: Stahl C40

Naben

M0A

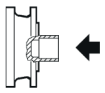


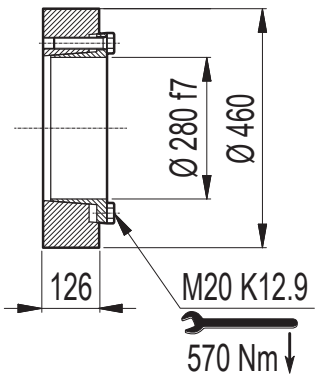


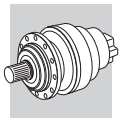
Material: Stahl C40

Schrumpfscheibe

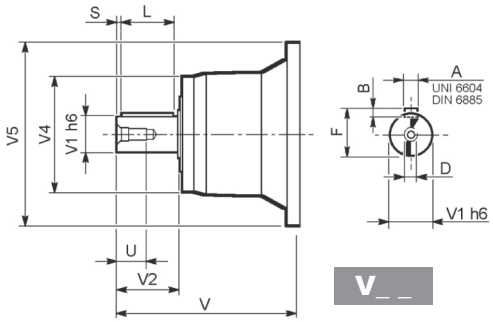
G0A



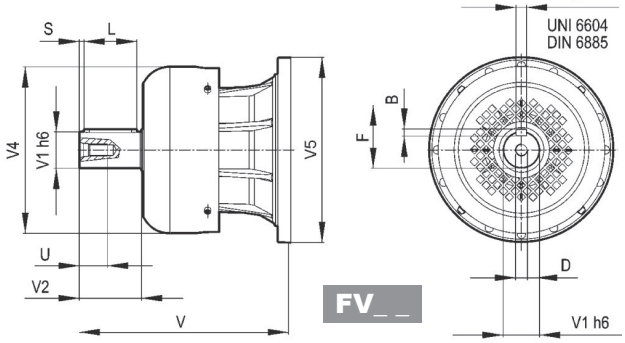




318M L 318M R



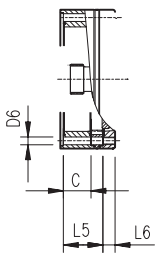
V_ _

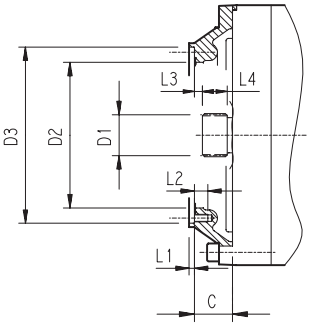


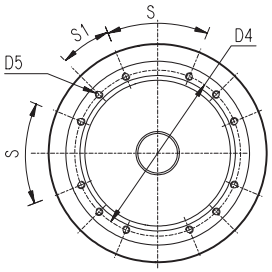
FV_ _

		V	V1	V2	V4	V5	A	B	F	L	S	D	U
318 L2	**V15B**	556	120	210	230	542	32	18	127	180	15	M24	50
318 L3	**V11B**	348	80	130	200	428	22	14	85	110	10	M16	36
	FV11B	456	80	130	347.5	428	22	14	85	110	10	M16	36
318 L4	**V07B**	315	80	130	200	345	22	14	85	110	10	M16	36
	FV07B	375	80	130	347.5	348	22	14	85	110	10	M16	36
	V07A	313	60	105	155	345	18	11	64	90	7.5	M16	36
	FV07A	363	60	105	309	348	18	11	64	90	7.5	M16	36
318 R4 (B) (C)	**V06B**	307	60	105	155	292	18	11	64	90	7.5	M16	36
	FV06B	357	60	105	309	292	18	11	64	90	7.5	M16	36

318M L 318M R

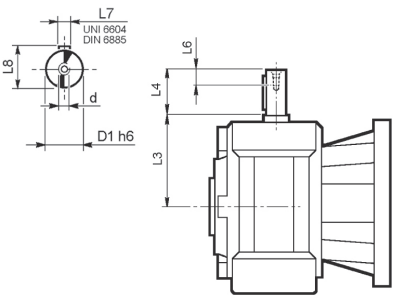






		C	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	S	S1	Input
318 L1	Wenden Sie sich an den Technischen Kundendienst Bonfiglioli																
318 L2	**V9AE**	116	100x94 DIN 5482	340	412 H7	390	M16 n° 18	—	7	30	8	55	—	—	20°	20°	E
318 L3	**V9AD**	81	80x74 DIN 5482	270	335 H7	314	M16 n° 8	—	5	30	8.5	40	—	—	60°	30°	D
318 L4	**V9AB**	51	58x53 DIN 5482	195	236 H7	222	M16 n° 12	—	4	18	11	22	—	—	45°	22.5°	B
318 R4 (B) (C)	**V9AB**	45	58x53 DIN 5482	195	236 H7	222	M10 n° 10	—	4	18	11	22	—	—	45°	22.5°	B

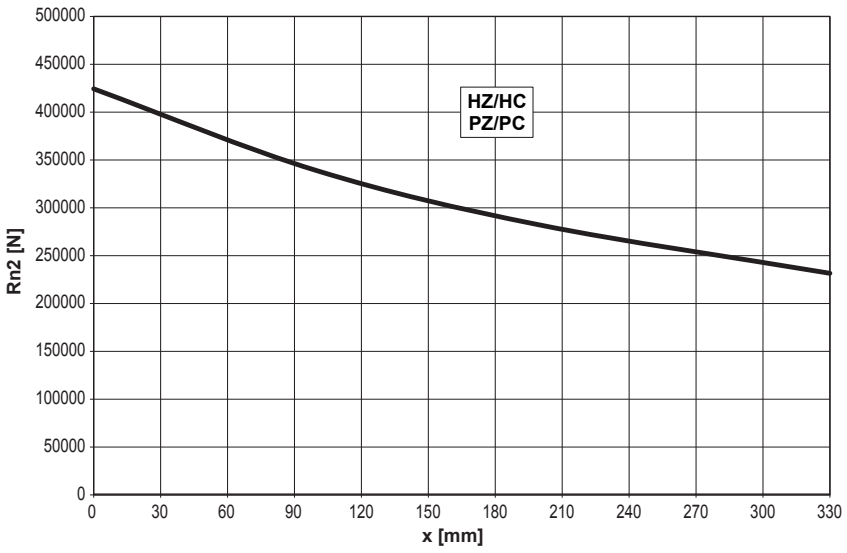
3/V 18M L4

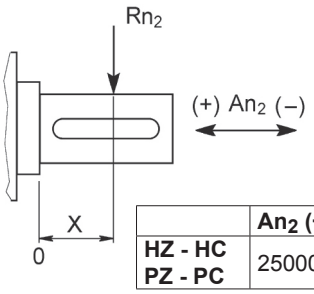


	D1 h6	L3	L4	L6	L7	L8	d
3/V 18 L4_HS	48	230	110	40	14	51.5	M16

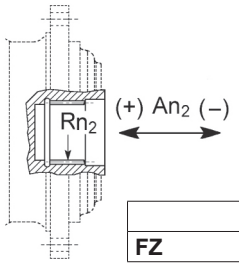
318M L 318M R 3/V 18M L4

An der Abtriebswelle zulässige Radial- und Axialkräfte für einen Wert von $Fh_2 : n_2 \cdot h = 100000$





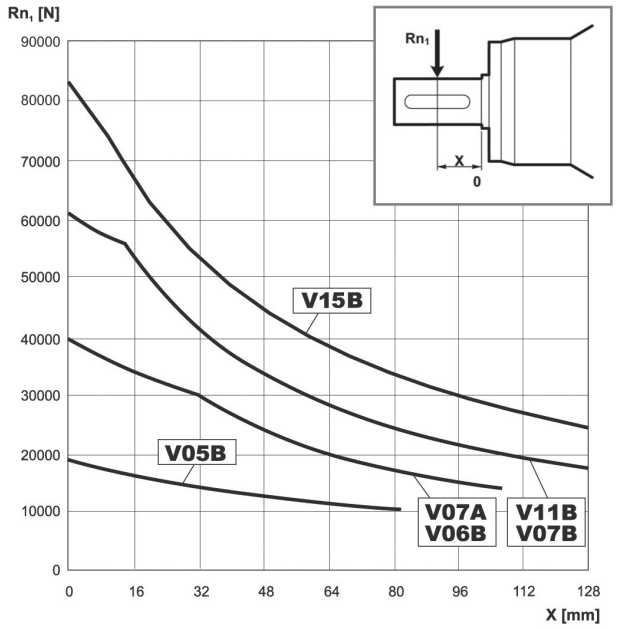
	An2 (+)	An2 (-)
HZ - HC PZ - PC	250000	225000

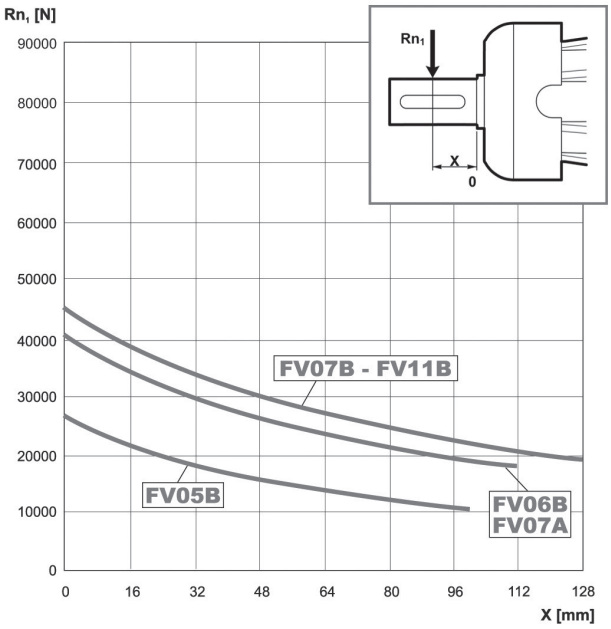


	Rn2	An2 (+/-)
FZ	92832	92832

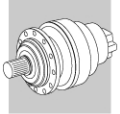
	$Fh_2 = n_2 \cdot h$		10000	25000	50000	100000	500000	1000000
Korrekturfaktor fh_2 für Wellenbelastungen	fh_2	FZ	**2.15**	**1.59**	**1.26**	**1.00**	**0.58**	**0.46**
		HC - PC	**1.96**	**1.52**	**1.23**	**1.00**	**0.62**	**0.50**
		HZ - PZ	**1.15**	**1.00**	**1.00**	**1.00**	**0.62**	**0.50**

An der Antriebswelle zulässige Radiallasten für einen Wert von $Fh_1 : n_1 \cdot h = 250000$





Korrekturfaktor fh_1 für Wellenbelastungen	$Fh_1 = n_1 \cdot h$	250000	500000	1000000	2000000	5000000	10000000
	fh_1	**1**	**0.79**	**0.63**	**0.50**	**0.37**	**0.29**



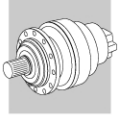
318M L

418

297550 Nm

	i	M_{n2} [Nm]						P_1	P_t	n_1	n_{1max}	M_b		M_{2max}
		$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$							
	1:	10000	25000	50000	100000	500000	1000000	[kW]	[kW]	[min^{-1}]	[min^{-1}]	[Nm]		[Nm]
L1	4.40	297550	260520	231720	223900	160590	130440	340	95	200	300	—	—	500000
L2	18.7	297550	260520	231720	223900	160590	130440	260	63	500	900	—	—	500000
	23.5	297550	260520	231720	223900	160590	130440	260	63	500	900	—	—	500000
	27.3	264700	256140	231720	223900	160590	130440	260	63	500	900	—	—	500000
L3	76.5	297550	260520	231720	223900	160590	130440	200	40	1500	1800	—	—	500000
	98.2	297550	260520	231720	223900	160590	130440	200	40	1500	1800	—	—	500000
	117	297550	260520	231720	223900	160590	130440	200	40	1500	1800	3200	6L	500000
	123	297550	260520	231720	223900	160590	130440	200	40	1500	1800	3200	6L	500000
	146	297550	260520	231720	223900	160590	130440	200	40	1500	1800	2600	6K	500000
	170	264700	256140	231720	223900	160590	130440	200	40	1500	1800	2100	6G	500000
L4	262	297550	260520	231720	223900	160590	130440	115	22	1500	2500	1500	6E	500000
	313	297550	260520	231720	223900	160590	130440	115	22	1500	2500	1100	6C	500000
	337	297550	260520	231720	223900	160590	130440	115	22	1500	2500	1100	6C	500000
	402	297550	260520	231720	223900	160590	130440	115	22	1500	2500	850	6B	500000
	422	297550	260520	231720	223900	160590	130440	115	22	1500	2500	850	6B	500000
	477	297550	260520	231720	223900	160590	130440	111	22	1500	2500	850	6B	500000
	515	297550	260520	231720	223900	160590	130440	102	22	1500	2500	850	6B	500000
	612	297550	260520	231720	223900	160590	130440	86	22	1500	2500	850	6B	500000
	647	297550	260520	231720	223900	160590	130440	82	22	1500	2500	850	6B	500000
	726	297550	260520	231720	223900	160590	130440	73	22	1500	2500	850	6B	500000
	768	297550	260520	231720	223900	160590	130440	69	22	1500	2500	850	6B	500000
	911	297550	260520	231720	223900	160590	130440	58	22	1500	2500	850	6B	500000
	1059	264700	256140	231720	223900	160590	130440	44	22	1500	2500	850	6B	500000

C



318M R

420

297550 Nm

	i	M_{n2} [Nm]						P_1	Pt	n_1	n_{1max}	M_b		M_{2max}
		$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$	$n_2 \cdot h$							
	1:	10000	25000	50000	100000	500000	1000000	[kW]	[kW]	[min^{-1}]	[min^{-1}]	[Nm]		[Nm]
R4	225	297550	260540	227590	184830	114050	92650	150	90	1500	2500	1500	6E	500000
	288	297550	260540	231740	220140	135810	110320	150	90	1500	2500	1500	6E	500000
	342	297540	260540	231740	223920	153140	124380	150	90	1500	2500	1100	6C	500000
	362	297550	260540	231740	223920	159240	129330	146	90	1500	2500	1100	6C	500000
	430	297550	260540	231740	223920	160590	130440	123	90	1500	2500	850	6B	500000
	499	264710	256160	231740	223920	160590	130440	94	90	1500	2500	850	6B	500000
	311	297550	260540	231740	211740	130610	106110	150	110	1500	2500	1100	6C	500000
	399	297530	260540	231740	223920	155590	126360	132	110	1500	2500	850	6B	500000
	474	297550	260540	231740	223920	160590	130440	111	110	1500	2500	850	6B	500000
	501	297550	260540	231740	223920	160590	130440	105	110	1500	2500	850	6B	500000
	595	297550	260540	231740	223920	160590	130440	89	110	1500	2500	850	6B	500000
	691	264710	256160	231740	223920	160590	130440	68	110	1500	2500	850	6B	500000