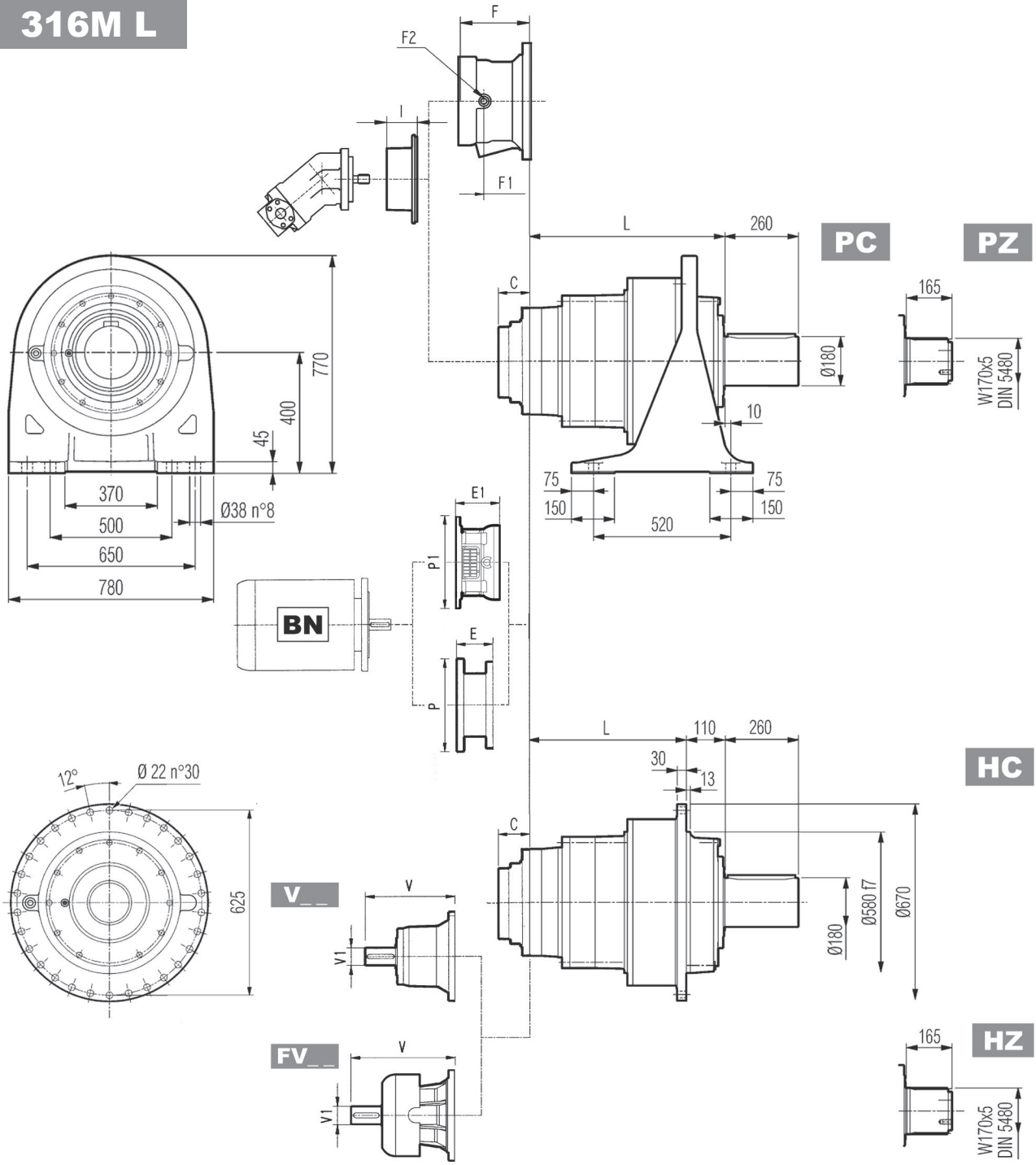
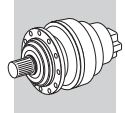


# 316M L

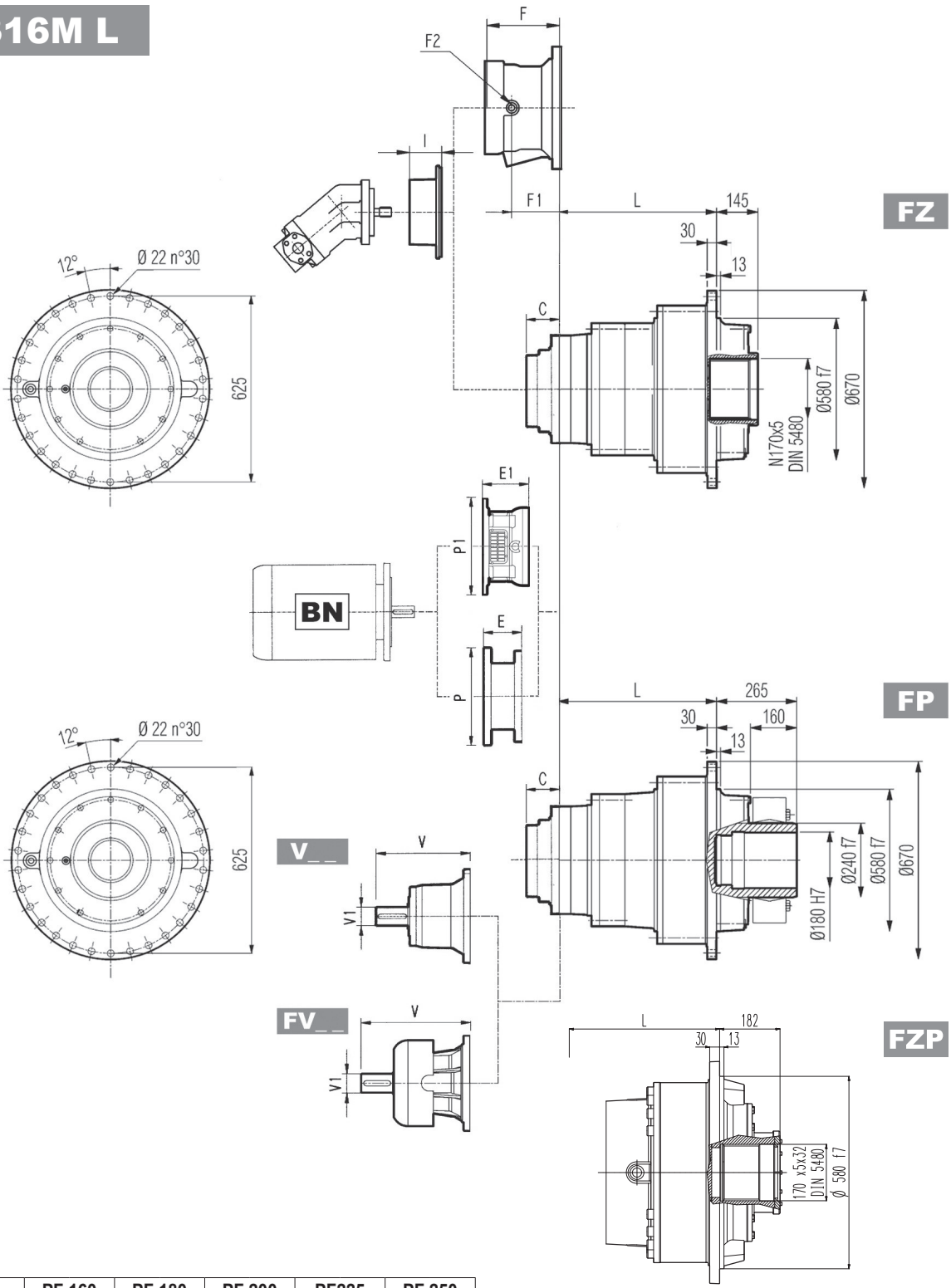


	L				Kg			
	PC - PZ	HC - HZ	FZ - FZP	FP	PC - PZ	HC - HZ	FZ - FZP	FP
316 L1	289	179	179	179	700	500	430	450
316 L2	541	431	431	431	790	590	520	540
316 L3	674	564	564	564	840	640	570	590
316 L4	763	653	653	653	860	660	590	610

	V			V1			Kg			C	Input	I	F	F1	F2	Type	Input	Kg	
	V	V1	Kg	V	V1	Kg	V	V1	Kg										
316 L1	—	—	—	—	—	—	—	—	—	—	156	E	—	—	—	—	—	—	
316 L2	348	80	55	—	—	—	456	80	85	—	—	81	D	—	—	—	—	—	
316 L3	315	80	35	313	60	28	375	80	48	363	60	34	B	201	153	1/4 G	6	B	28
316 L4	239	48	15	—	—	—	276	48	17	—	—	37	A	145	95	1/4 G	5	A	16



# 316M L

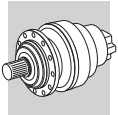


	PF 160		PF 180		PF 200		PF225		PF 250	
	E1	P1	E1	P1	E1	P1	E1	P1	E1	P1
316M L2	—	—	—	—	—	—	250	580	250	580
316M L3	—	—	—	—	197	530	227	530	227	550
316M L4	165	400	165	400	195	400	195	450	—	—

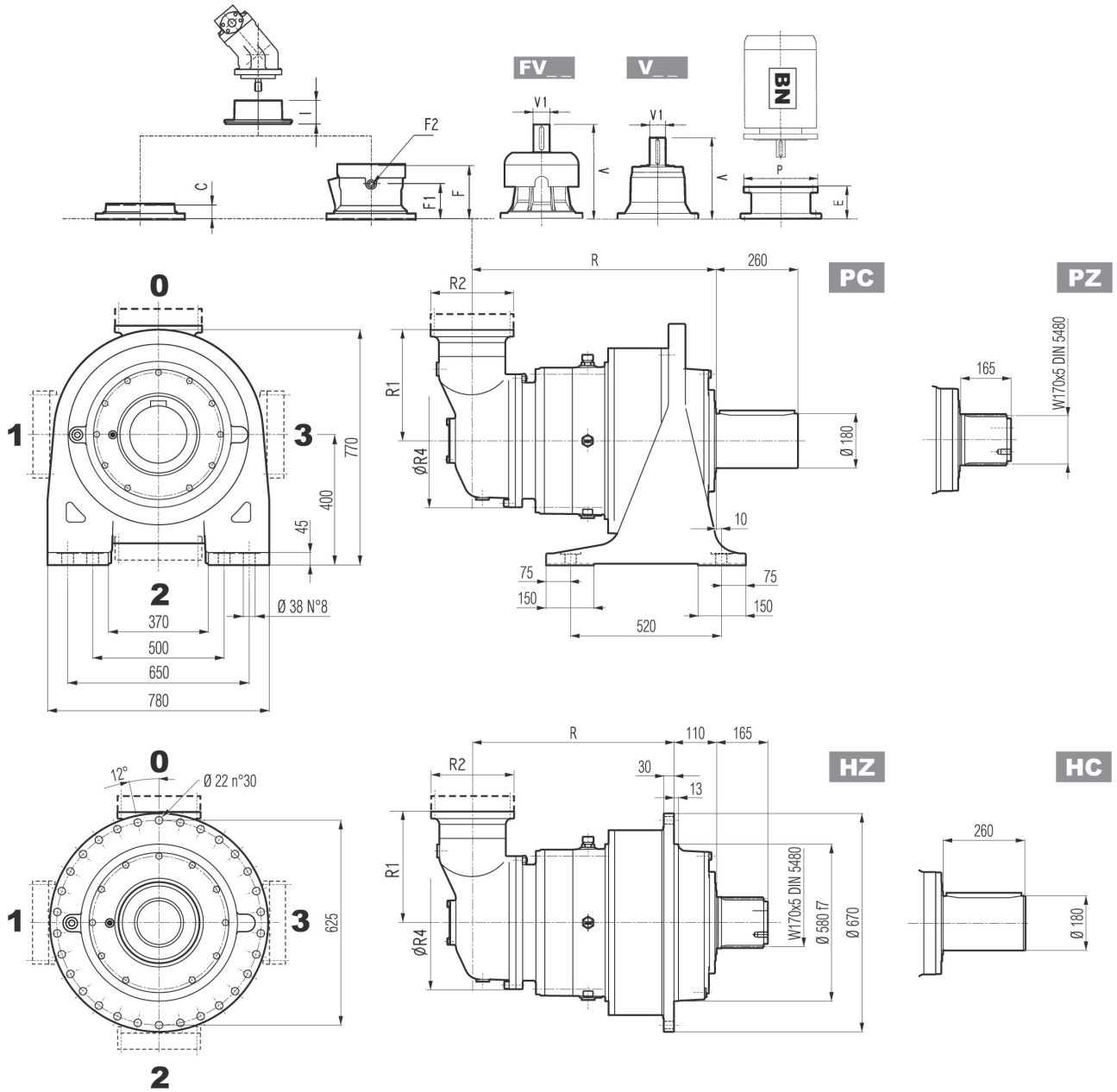
Bemerkung: Für R Design kontaktieren Sie den technischen Service von Bonfiglioli

**FP**  $M_{2max} = 178000 \text{ Nm}$

	P132		P160		P180		P200		P225		P250	
	E	P	E	P	E	P	E	P	E	P	E	P
316 L2	—	—	—	—	—	—	267	400	297	450	297	550
316 L3	—	—	—	—	195	350	186	400	216	450	215	550
316 L4	114	300	144	350	144	350	174	400	—	—	—	—

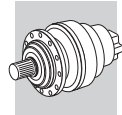


# 316M R

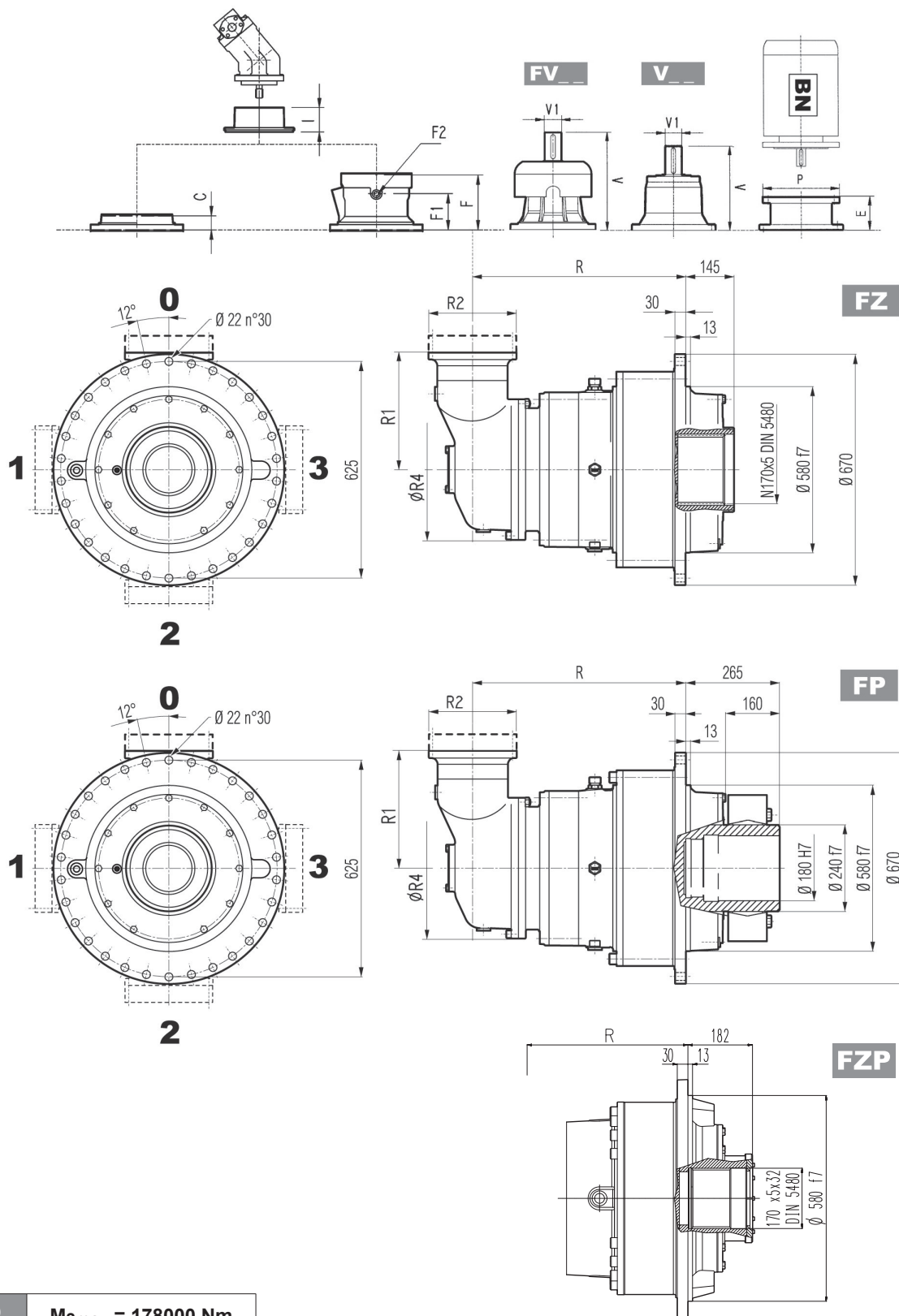


	R				R1	R2	R4	Kg			
	PC-PZ	HC-HZ	FZ - FZP	FP				PC-PZ	HC-HZ	FZ - FZP	FP
316 R3 (B)	766	656	656	656	345	292	400	910	710	640	660
316 R3 (C)	766	656	656	656	390	292	480	920	720	650	670
316 R4	793	683	683	683	225	245	345	890	690	620	640

	V			V1			V			V1			C	Input	I	F	F1	F2	Type	Input	Kg
	V	V1	Kg	V	V1	Kg	V	V1	Kg	V	V1	Kg									
316 R3 (B)	307	60	23	—	—	—	357	60	28	—	—	—	45	B	195	147	1/4 G	6	B	28	
316 R3 (C)	307	60	23	—	—	—	357	60	28	—	—	—	45	B	195	147	1/4 G	6	B	28	
316 R4	239	48	15	—	—	—	276	48	17	—	—	—	37	A	145	95	1/4 G	5	A	16	



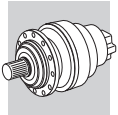
# 316M R



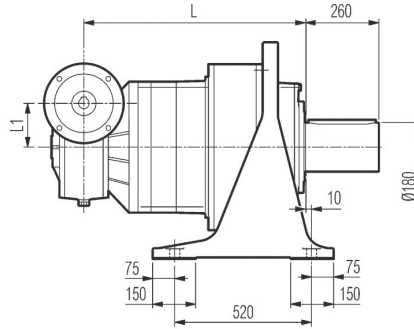
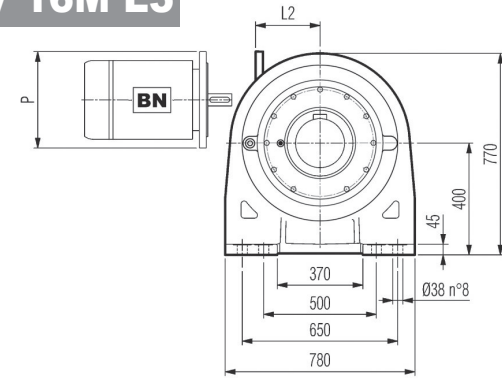
**FP**

$M_{2max} = 178000 \text{ Nm}$

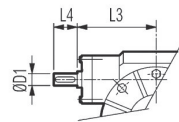
	P132		P160		P180		P200		P225		P250	
	E	P	E	P	E	P	E	P	E	P	E	P
316 R3 (B)	—	—	—	—	152	350	182	400	212	450	193	550
316 R3 (C)	—	—	—	—	152	350	182	400	212	450	193	550
316 R4	114	300	144	350	144	350	174	400	—	—	—	—



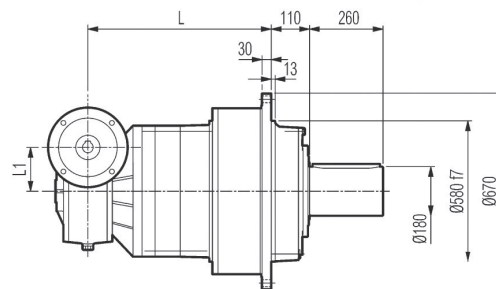
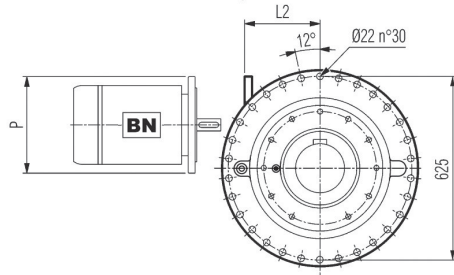
# 3/V 16M L3



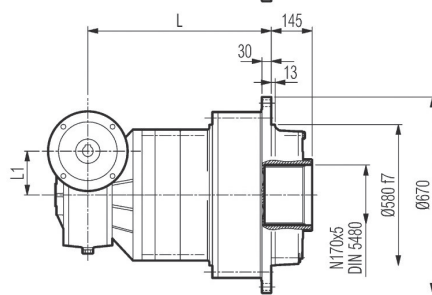
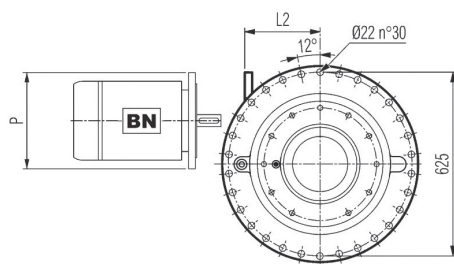
**PC**



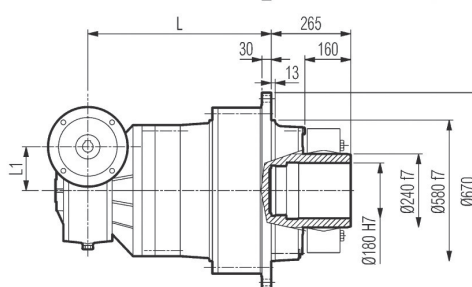
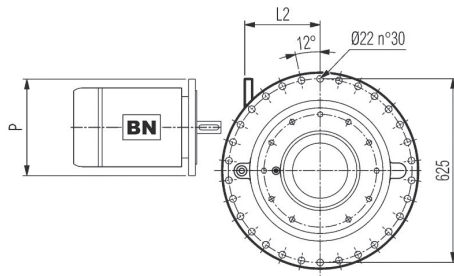
**HZ PZ**



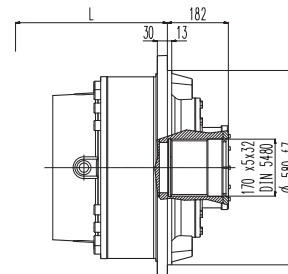
**HC**



**FZ**



**FP**

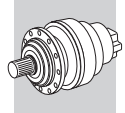


**FZP**

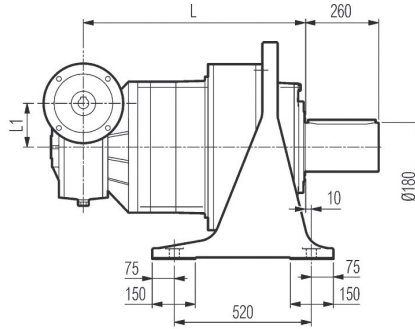
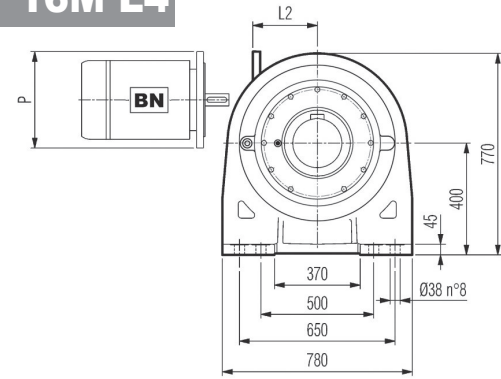
**FP**  $M_{2max} = 178000 \text{ Nm}$

	L				L1	D1	L3	L4	Kg				
	PC - PZ	HC - HZ	FZ - FZP	FP						PC - PZ	HC - HZ	FZ - FZP	FP
3/V 16 L3	812	702	702	702	250	55	274	110	1100	900	830	850	

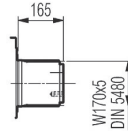
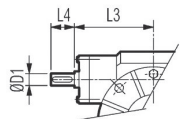
	P132		P160		P180		P200		P225	
	L2	P	L2	P	L2	P	L2	P	L2	P
3/V 16 L3	531	300	506	350	506	350	531	400	536	450



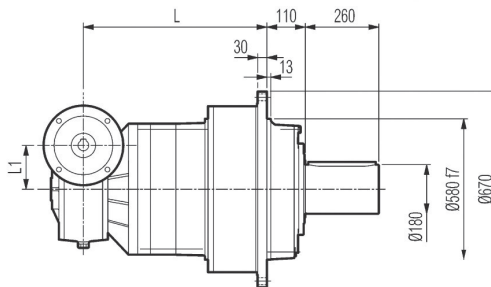
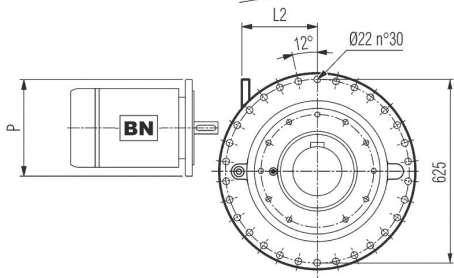
# 3/V 16M L4



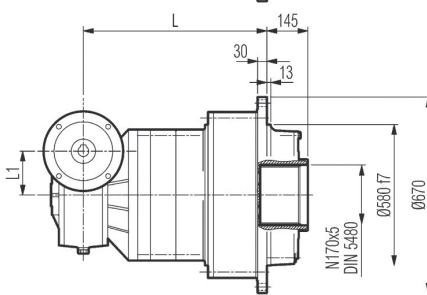
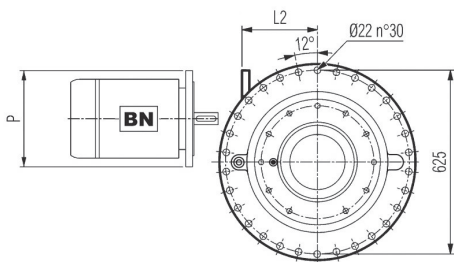
**PC**



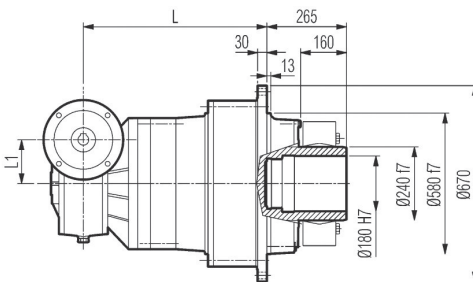
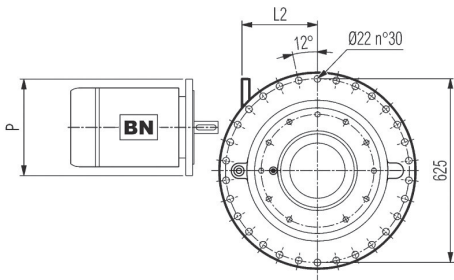
**HZ PZ**



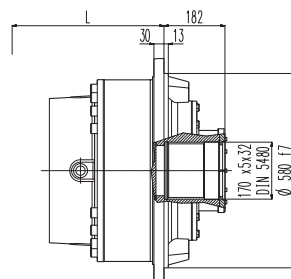
**HC**



**FZ**



**FP**



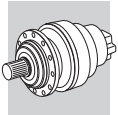
**FZP**

**FP**

**M<sub>2max</sub> = 178000 Nm**

	L				L1	D1	L3	L4	Kg	PC - PZ	HC - HZ	FZ	FP
	PC - PZ	HC - HZ	FZ	FP									
3/V 16 L4	865	755	755	755	150	35	185	65		900	700	630	650

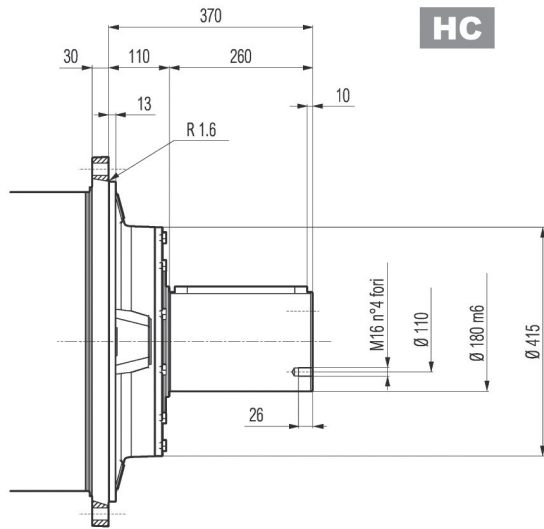
	P100		P112		P132		P160	
	L2	P	L2	P	L2	P	L2	P
3/V 16 L4	190	250	190	250	190	300	190	350



# 316M L

# 316M R

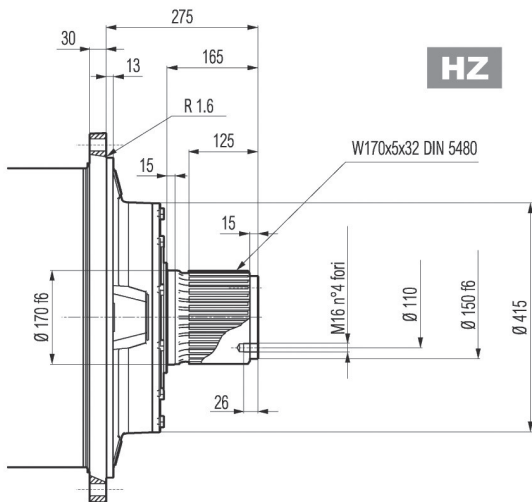
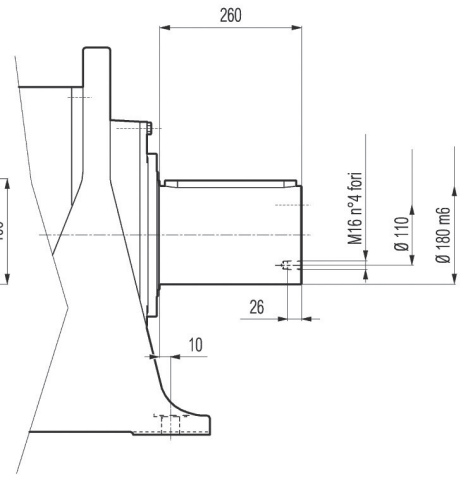
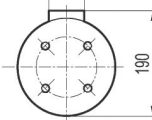
# 3/V 16M L



**HC**

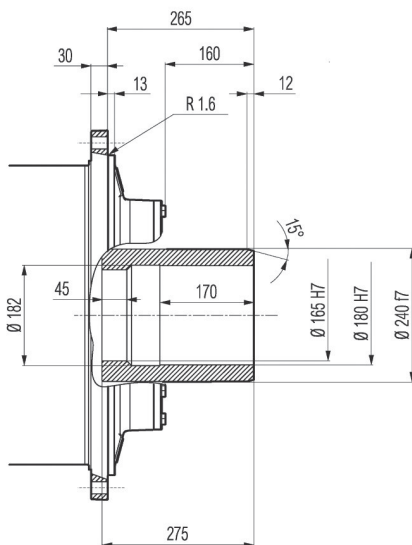
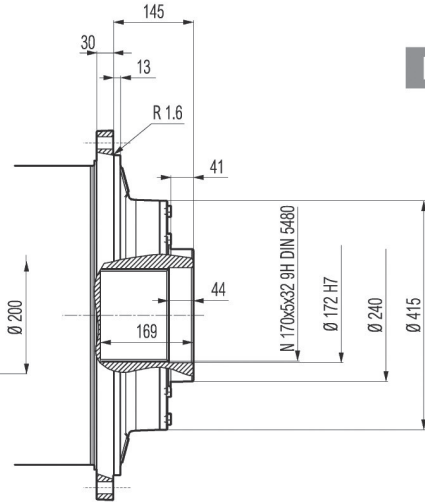
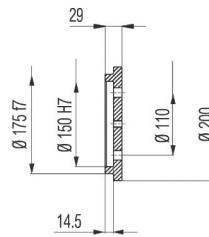
**PC**

A45x25x240  
UNI 6604  
DIN 6885



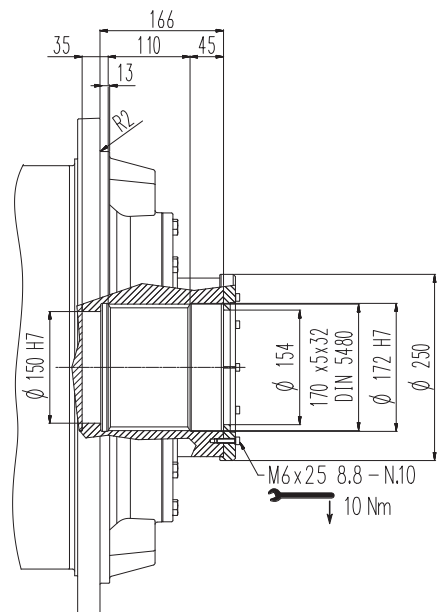
**HZ**

**FZ**



**FP**

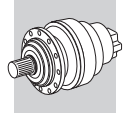
**FZP**



**FP**

**M<sub>2max</sub> = 178000 Nm**





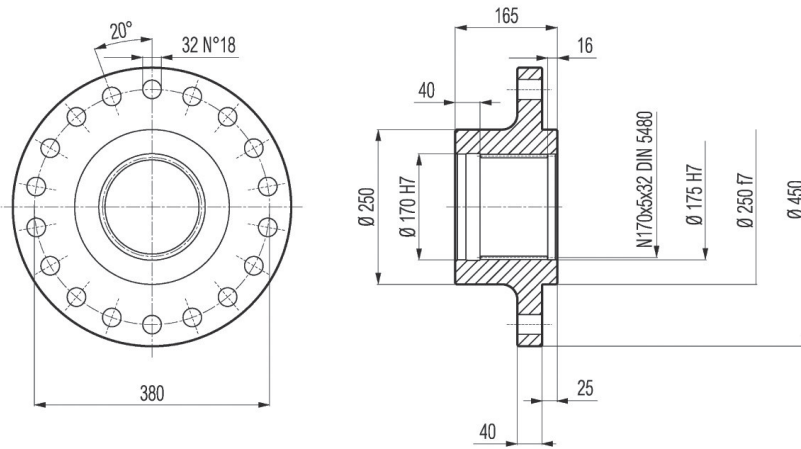
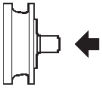
**316M L**

**316M R**

**3/V 16M L**

**Flansch**

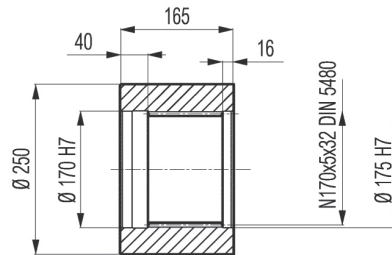
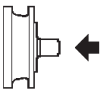
**W0A**



Material: Stahl C40

**Naben**

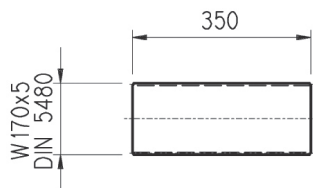
**M0A**



Material: Stahl C40

**Vielkeilwellen**

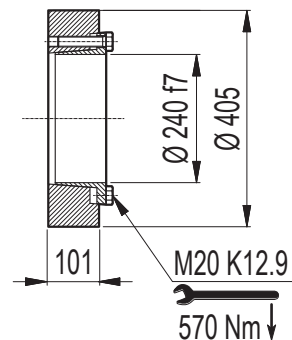
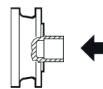
**B0A**



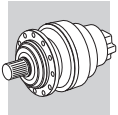
Material: Einsatzstahl 18NiCrMo5 UNI 5331  
muss einsatzgehärtet werden 50-55 HRC

**Schrumpfscheibe**

**G0A**

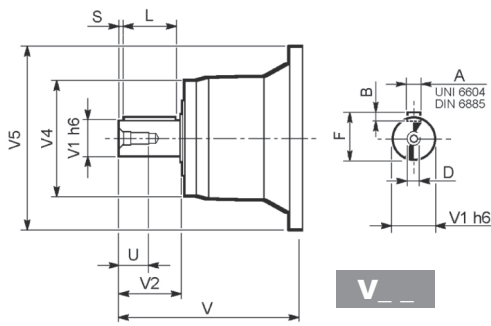




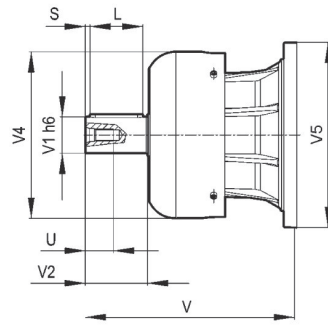


## 316M L

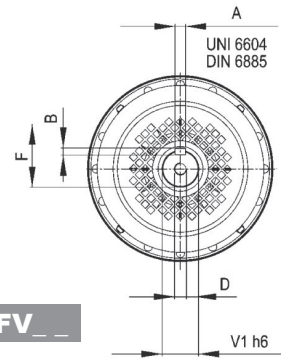
## 316M R



**V** \_ \_



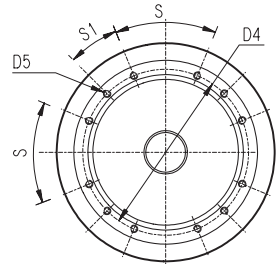
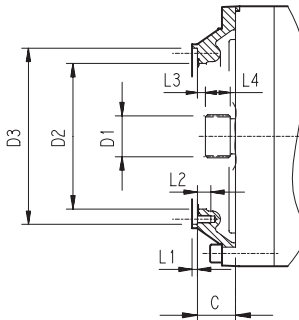
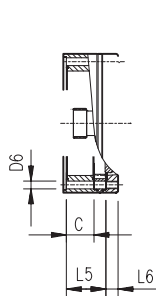
**FV** \_ \_



		V	V1	V2	V4	V5	A	B	F	L	S	D	U
316 L2	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
316 L3	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
316 L4	FV07A	363	60	105	309	348	18	11	64	90	7.5	M16	36
	V05B	239	48	82	155	245	14	9	51.5	70	6	M16	36
316 R3 (B) (C)	FV05B	276	48	82	219.5	244	14	9	51.5	70	6	M16	36
	V06B	307	60	105	155	292	18	11	64	90	7.5	M16	36
316 R4	FV06B	357	60	105	309	292	18	11	64	90	7.5	M16	36
	V05B	239	48	82	155	245	14	9	51.5	70	6	M16	36
316 R4	FV05B	276	48	82	219.5	244	14	9	51.5	70	6	M16	36

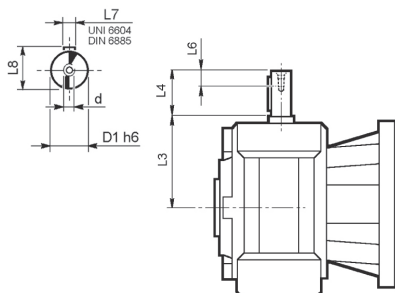
## 316M L

## 316M R

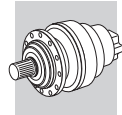


		C	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	S	S1	Input
316 L1	V9AE	116	100x94 DIN 5482	340	412 H7	390	M16 n° 18	—	7	30	8	55	—	—	20°	20°	E
316 L2	V9AD	81	80x74 DIN 5482	270	335 H7	314	M16 n° 8	—	5	30	8.5	40	—	—	60°	30°	D
316 L3	V9AB	51	58x53 DIN 5482	195	236 H7	222	M10 n° 12	—	4	18	11	22	—	—	45°	22.5°	B
316 L4	V9AA	37	40x36 DIN 5482	140	178 H7	165	M10 n° 8	—	4	18	9	18	—	—	45°	45°	A
316 R3 (B) (C)	V9AB	45	58x53 DIN 5482	195	236 H7	222	M10° 12	—	4	18	11	22	—	—	45°	22.5°	B
316 R4	V9AA	37	40x36 DIN 5482	140	178 H7	165	M10 n° 8	11	4	18	9	18	—	—	45°	45°	A

## 3/V 16M L



	D1 h6	L3	L4	L6	L7	L8	d
3/V 16 L3_HS	55	274	110	40	16	59	M16
3/V 16 L4_HS	35	185	65	20	10	38	M8

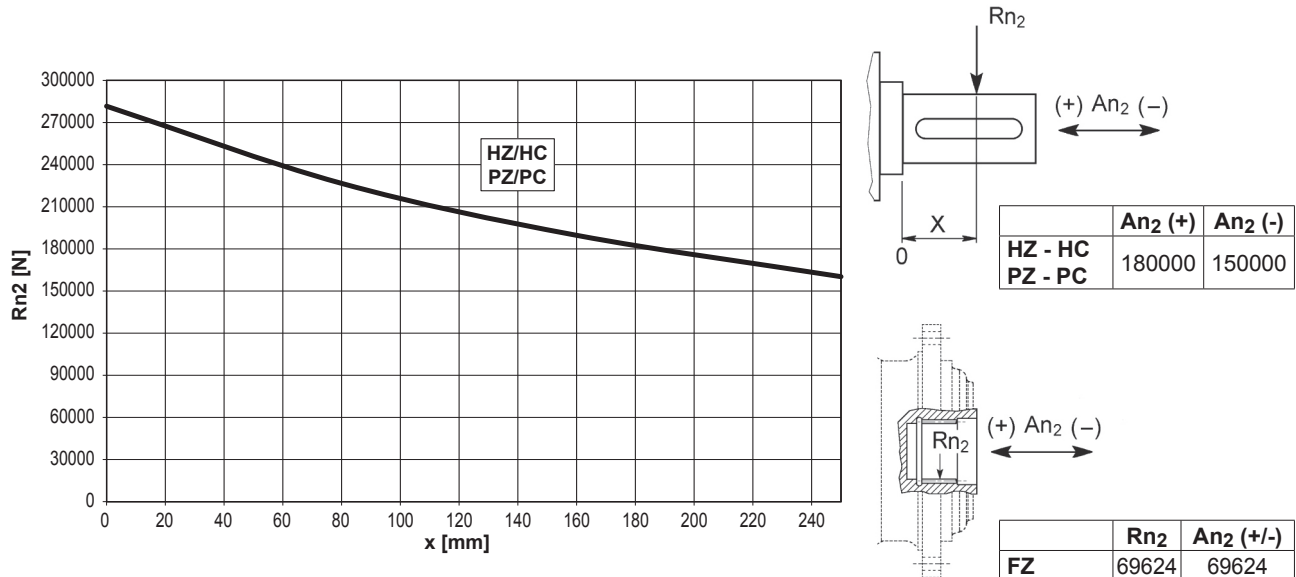


**316M L**

**316M R**

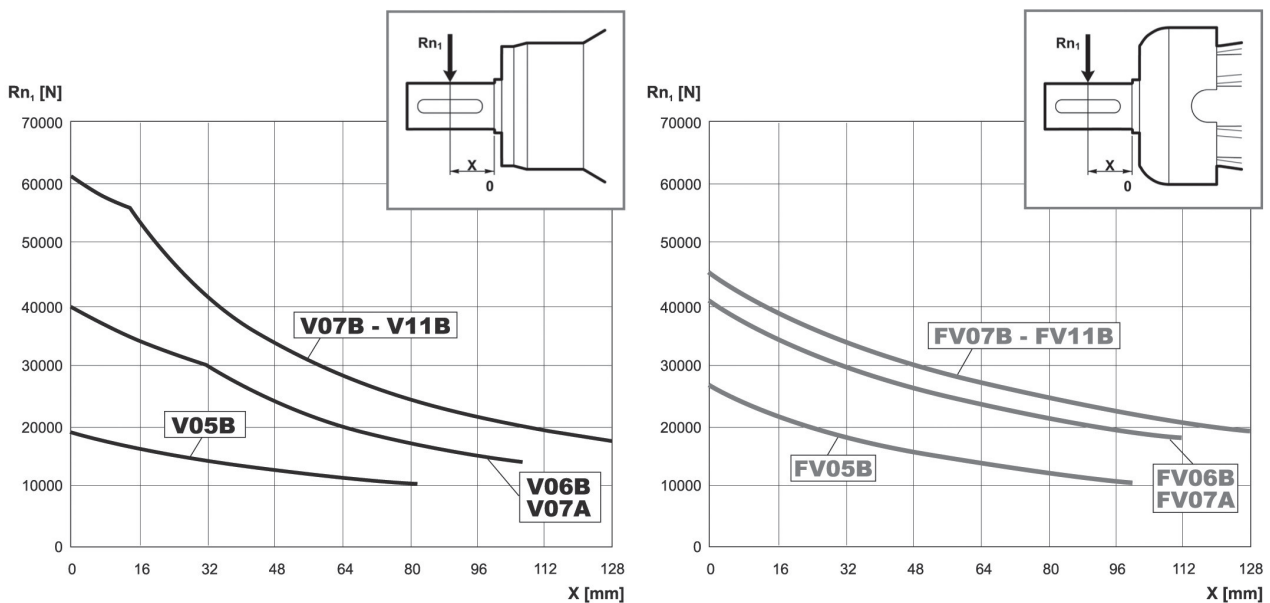
**3/V 16M L**

An der Abtriebswelle zulässige Radial- und Axialkräfte für einen Wert von  $F_{h2} : n_2 \cdot h = 100000$



Korrekturfaktor $f_{h2}$ für Wellenbelastungen	$F_{h2} = n_2 \cdot h$						
		10000	25000	50000	100000	500000	1000000
$f_{h2}$	FZ	2.15	1.59	1.26	1.00	0.58	0.46
	HC - PC	1.16	1.00	1.00	1.00	0.62	0.50
	HZ - PZ	1.19	1.02	1.02	1.00	0.62	0.50

An der Antriebswelle zulässige Radiallasten für einen Wert von  $F_{h1} : n_1 \cdot h = 250000$



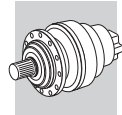
Korrekturfaktor $f_{h1}$ für Wellenbelastungen	$F_{h1} = n_1 \cdot h$						
		250000	500000	1000000	2000000	5000000	10000000
$f_{h1}$	1	0.79	0.63	0.50	0.37	0.29	



**316M L**

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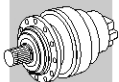
**134390 Nm**

n <sub>1</sub> min <sup>-1</sup>		i	n <sub>2</sub> min <sup>-1</sup>	M <sub>n2</sub> Nm	P <sub>n1</sub> kW	P <sub>t</sub> kW	P (IEC)	R <sub>n2</sub> [N]					M <sub>2 max</sub> Nm
								MC	MZ	HC/PC	HZ/PZ	FZ	
<b>1500</b>	<b>316ML2</b>	<b>17.4</b>	86	68500	200	50	200 ... 250	—	—	105800	118700	33900	192000
	<b>316ML2</b>	<b>21.8</b>	69	78800	200	50	200 ... 250	—	—	113300	127100	36600	192000
	<b>316ML2</b>	<b>22.3</b>	67	72100	200	50	200 ... 250	—	—	114000	127900	36900	192000
	<b>316ML2</b>	<b>26.5</b>	57	75000	200	50	200 ... 250	—	—	120100	134700	39100	192000
	<b>316ML2</b>	<b>28.0</b>	54	85000	200	50	200 ... 250	—	—	122100	137000	39800	192000
	<b>316ML2</b>	<b>33.2</b>	45	87500	200	50	200 ... 250	—	—	128500	144200	42100	192000
	<b>316ML3</b>	<b>59.6</b>	25.2	83700	115	35	180 ... 250	—	—	153200	171800	51200	192000
	<b>316ML3</b>	<b>71.1</b>	21.1	86100	115	35	180 ... 250	—	—	161500	181200	54300	192000
	<b>316ML3</b>	<b>76.5</b>	19.6	99900	115	35	180 ... 250	—	—	165100	185200	55600	192000
	<b>316ML3</b>	<b>89.3</b>	16.8	91900	115	35	180 ... 250	—	—	172900	193900	58600	192000
	<b>316ML3</b>	<b>96.0</b>	15.6	95800	115	35	180 ... 250	—	—	176700	198200	60000	192000
	<b>316ML3</b>	<b>114</b>	13.2	97200	115	35	180 ... 250	—	—	186000	208700	63500	192000
	<b>316ML3</b>	<b>117</b>	12.8	111000	115	35	180 ... 250	—	—	187600	210400	64100	192000
	<b>316ML3</b>	<b>139</b>	10.8	116100	115	35	180 ... 250	—	—	197400	221500	67900	192000
	<b>316ML3</b>	<b>165</b>	9.1	113600	115	35	180 ... 250	—	—	202000	226600	71900	192000
	<b>316ML3</b>	<b>174</b>	8.6	99500	98	35	180 ... 250	—	—	202000	226600	73200	192000
<b>316ML3</b>	<b>207</b>	7.2	99500	83	35	180 ... 250	—	—	202000	226600	77500	192000	
<b>316ML4</b>	<b>215</b>	7.0	117100	60	18.0	132 ... 200	—	—	202000	226600	78500	192000	
<b>316ML4</b>	<b>253</b>	5.9	120300	60	18.0	132 ... 200	—	—	202000	226600	82900	192000	
<b>316ML4</b>	<b>275</b>	5.4	123100	60	18.0	132 ... 200	—	—	202000	226600	85300	192000	
<b>316ML4</b>	<b>318</b>	4.7	123900	60	18.0	132 ... 200	—	—	203700	228500	89400	192000	
<b>316ML4</b>	<b>346</b>	4.3	101800	52	18.0	132 ... 200	—	—	206100	231200	92000	192000	



<b>316M L</b>							<b>134390 Nm</b>						
							398						
$n_1$ min <sup>-1</sup>		i	$n_2$ min <sup>-1</sup>	$M_{n2}$ Nm	$P_{n1}$ kW	$P_t$ kW	<b>P (IEC)</b> 	MC	MZ	$Rn_2$ [N]			$M_2$ max Nm
								HC/PC	HZ/PZ	FZ			
<b>1500</b>	316ML4	399	3.8	104200	46	18.0	132 ... 200	—	—	210400	236000	96500	192000
	316ML4	447	3.4	125100	50	18.0	132 ... 200	—	—	213800	239900	100200	192000
	316ML4	500	3.0	125500	44	18.0	132 ... 200	—	—	217300	243800	104000	192000
	316ML4	563	2.7	113600	36	18.0	132 ... 200	—	—	221000	247900	108200	192000
	316ML4	628	2.4	111800	32	18.0	132 ... 200	—	—	224500	251800	112200	192000
	316ML4	706	2.1	113200	28.4	18.0	132 ... 200	—	—	228300	256100	116700	192000
	316ML4	784	1.9	114400	25.9	18.0	132 ... 200	—	—	231700	259900	120800	192000
	316ML4	880	1.7	115500	23.3	18.0	132 ... 200	—	—	235600	264300	125600	192000
<b>1000</b>	316ML4	1020	1.5	117500	20.4	18.0	132 ... 200	—	—	240600	269900	131900	192000
	316ML4	1104	1.4	118400	19.0	18.0	132 ... 200	—	—	243300	273000	135400	192000
	316ML4	1237	1.2	117200	16.8	18.0	132 ... 200	—	—	247300	277400	140700	192000
	316ML4	1308	1.1	120500	16.3	18.0	132 ... 200	—	—	249300	279700	143300	192000
	316ML4	1553	0.97	122200	14.0	18.0	132 ... 200	—	—	255500	286600	150000	192000
	316ML2	17.4	58	77400	200	60	200 ... 250	—	—	119500	134100	38900	192000
	316ML2	21.8	46	87400	200	60	200 ... 250	—	—	127900	143500	41900	192000
	316ML2	22.3	45	81000	200	60	200 ... 250	—	—	128800	144500	42200	192000
	316ML2	26.5	38	83100	200	60	200 ... 250	—	—	135600	152100	44700	192000
	316ML2	28.0	36	89300	200	60	200 ... 250	—	—	137900	154700	45500	192000
	316ML2	33.2	30	90600	200	60	200 ... 250	—	—	145100	162800	48200	192000
	316ML3	59.6	16.8	94500	115	42	180 ... 250	—	—	173000	194000	58600	192000
	316ML3	71.1	14.1	97200	115	42	180 ... 250	—	—	182400	204600	62100	192000
	316ML3	76.5	13.1	110800	115	42	180 ... 250	—	—	186400	209100	63700	192000
	316ML3	89.3	11.2	97800	115	42	180 ... 250	—	—	195200	219000	67000	192000
	316ML3	96.0	10.4	99200	115	42	180 ... 250	—	—	199500	223800	68700	192000
	316ML3	114	8.8	99500	100	42	180 ... 250	—	—	202000	226600	72700	192000
	316ML3	117	8.5	119700	115	42	180 ... 250	—	—	202000	226600	73400	192000
	316ML3	139	7.2	121000	100	42	180 ... 250	—	—	202000	226600	77700	192000
	316ML3	165	6.1	113600	79	42	180 ... 250	—	—	202000	226600	82300	192000
	316ML3	174	5.7	99500	65	42	180 ... 250	—	—	202000	226600	83800	192000
	316ML3	207	4.8	100100	55	42	180 ... 250	—	—	203000	227700	88700	192000
	316ML4	215	4.7	123900	60	21.6	132 ... 200	—	—	204000	228900	89800	192000
	316ML4	253	3.9	124500	58	21.6	132 ... 200	—	—	208900	234400	94900	192000
316ML4	275	3.6	124800	54	21.6	132 ... 200	—	—	211400	237200	97600	192000	
316ML4	318	3.1	125300	47	21.6	132 ... 200	—	—	215800	242100	102400	192000	
316ML4	346	2.9	108700	37	21.6	132 ... 200	—	—	218400	245000	105300	192000	
316ML4	399	2.5	111300	33	21.6	132 ... 200	—	—	222900	250100	110400	192000	
316ML4	447	2.2	126600	33	21.6	132 ... 200	—	—	226600	254200	114700	192000	
316ML4	500	2.0	128100	30	21.6	132 ... 200	—	—	230300	258300	119100	192000	
316ML4	563	1.8	115300	24.2	21.6	132 ... 200	—	—	234200	262700	123900	192000	
316ML4	628	1.6	116500	21.9	21.6	132 ... 200	—	—	237900	266800	128500	192000	
316ML4	706	1.4	117900	19.7	21.6	132 ... 200	—	—	241900	271400	133600	192000	
316ML4	784	1.3	119200	18.0	21.6	132 ... 200	—	—	245500	275400	138300	192000	
316ML4	880	1.1	117500	15.8	21.6	132 ... 200	—	—	249600	280000	143700	192000	
316ML4	1020	0.98	122200	14.2	21.6	132 ... 200	—	—	254900	286000	150000	192000	
316ML4	1104	0.91	122200	13.1	21.6	132 ... 200	—	—	257800	289200	150000	192000	
316ML4	1237	0.81	118100	11.3	21.6	132 ... 200	—	—	262100	294000	150000	192000	
316ML4	1308	0.76	122200	11.0	21.6	132 ... 200	—	—	264200	296300	150000	192000	
316ML4	1553	0.64	122200	9.3	21.6	132 ... 200	—	—	270700	303700	150000	192000	
<b>500</b>	316ML1	4.25	118	69500	280	136	—	—	96400	108200	30600	192000	
	316ML1	5.33	94	71800	280	136	—	—	103200	115800	33000	192000	
	316ML2	17.4	28.8	92100	200	100	200 ... 250	—	—	147100	165100	49000	192000
	316ML2	21.8	22.9	92700	200	100	200 ... 250	—	—	157500	176700	52800	192000
	316ML2	22.3	22.4	96600	200	100	200 ... 250	—	—	158600	177900	53200	192000
	316ML2	26.5	18.9	97900	200	100	200 ... 250	—	—	166900	187300	56300	192000
	316ML2	28.0	17.9	94700	188	100	200 ... 250	—	—	169700	190400	57400	192000
	316ML2	33.2	15.0	96100	161	100	200 ... 250	—	—	178700	200500	60800	192000
	316ML3	59.6	8.4	113600	109	70	180 ... 250	—	—	202000	226600	73800	192000
	316ML3	71.1	7.0	115500	93	70	180 ... 250	—	—	202000	226600	78300	192000
	316ML3	76.5	6.5	121700	91	70	180 ... 250	—	—	202000	226600	80200	192000







# 316M L



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# 134390 Nm

n <sub>1</sub> min <sup>-1</sup>		i	n <sub>2</sub> min <sup>-1</sup>	M <sub>n2</sub> Nm	P <sub>n1</sub> kW	P <sub>t</sub> kW	P (IEC) 	Rn <sub>2</sub> [N]					M <sub>2 max</sub> Nm
								MC	MZ	HC/PC	HZ/PZ	FZ	
500	316ML3	89.3	5.6	99500	64	70	180 ... 250	—	—	202000	226600	84500	192000
	316ML3	96.0	5.2	99500	59	70	180 ... 250	—	—	202000	226600	86500	192000
	316ML3	114	4.4	101600	51	70	180 ... 250	—	—	205800	230900	91600	192000
	316ML3	117	4.3	124300	61	70	180 ... 250	—	—	206600	231800	92500	192000
	316ML3	139	3.6	124900	52	70	180 ... 250	—	—	211700	237500	97900	192000
	316ML3	165	3.0	113600	40	70	180 ... 250	—	—	217000	243400	103700	192000
	316ML3	174	2.9	108900	36	70	180 ... 250	—	—	218700	245400	105600	192000
	316ML3	207	2.4	111700	31	70	180 ... 250	—	—	224100	251400	111800	192000
	316ML4	215	2.3	126400	35	36	132 ... 200	—	—	225300	252700	113100	192000
	316ML4	253	2.0	127100	29.7	36	132 ... 200	—	—	230700	258800	119600	192000
	316ML4	275	1.8	129000	27.7	36	132 ... 200	—	—	233500	261900	123000	192000
	316ML4	318	1.6	128000	23.8	36	132 ... 200	—	—	238300	267300	129000	192000
	316ML4	346	1.4	117700	20.1	36	132 ... 200	—	—	241200	270500	132600	192000
	316ML4	399	1.3	119400	17.7	36	132 ... 200	—	—	246100	276100	139100	192000
	316ML4	447	1.1	129400	17.1	36	132 ... 200	—	—	250200	280700	144500	192000
	316ML4	500	1.0	134400	15.9	36	132 ... 200	—	—	254300	285200	150000	192000
	316ML4	563	0.89	118100	12.4	36	132 ... 200	—	—	258600	290000	150000	192000
	316ML4	628	0.80	122200	11.5	36	132 ... 200	—	—	262600	294600	150000	192000
	316ML4	706	0.71	122200	10.2	36	132 ... 200	—	—	267100	299600	150000	192000
	316ML4	784	0.64	122200	9.2	36	132 ... 200	—	—	271100	304100	150000	192000
	316ML4	880	0.57	118100	7.9	36	132 ... 200	—	—	275600	309200	150000	192000
	316ML4	1020	0.49	122200	7.1	36	132 ... 200	—	—	281500	315700	150000	192000
	316ML4	1104	0.45	122200	6.5	36	132 ... 200	—	—	284700	319400	150000	192000
	316ML4	1237	0.40	118100	5.6	36	132 ... 200	—	—	289400	324600	150000	192000
	316ML4	1308	0.38	122200	5.5	36	132 ... 200	—	—	291700	327200	150000	192000
	316ML4	1553	0.32	122200	4.7	36	132 ... 200	—	—	298900	335300	150000	192000

B



# 316M R

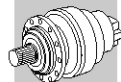


400

# 134390 Nm

B

n <sub>1</sub> min <sup>-1</sup>		i	n <sub>2</sub> min <sup>-1</sup>	M <sub>n2</sub> Nm	P <sub>n1</sub> kW	Pt kW	P (IEC) 	R <sub>n2</sub> [N]					M <sub>2 max</sub> Nm
								MC	MZ	HC/PC	HZ/PZ	FZ	
1500	316MR3B	51.1	29.4	48900	150	75	180 ... 250	—	—	146200	164000	48600	192000
	316MR3B	64.1	23.4	61400	150	75	180 ... 250	—	—	156500	175600	52400	192000
	316MR3B	65.5	22.9	62700	150	75	180 ... 250	—	—	157600	176800	52800	192000
	316MR3B	77.8	19.3	74500	150	75	180 ... 250	—	—	165900	186100	55900	192000
	316MR3B	82.3	18.2	78700	150	75	180 ... 250	—	—	168700	189200	57000	192000
	316MR3B	97.6	15.4	89000	150	75	180 ... 250	—	—	177600	199200	60300	192000
	316MR3C	70.7	21.2	61700	150	90	180 ... 250	—	—	161200	180800	54200	192000
	316MR3C	88.7	16.9	77500	150	90	180 ... 250	—	—	172600	193600	58400	192000
	316MR3C	90.7	16.5	79200	150	90	180 ... 250	—	—	173700	194900	58900	192000
	316MR3C	108	13.9	94000	150	90	180 ... 250	—	—	182900	205200	62300	192000
	316MR3C	114	13.2	92900	140	90	180 ... 250	—	—	186000	208600	63500	192000
	316MR3C	135	11.1	97700	124	90	180 ... 250	—	—	195800	219600	67200	192000
	316MR4	225	6.7	83600	66	45	132 ... 200	—	—	202000	226600	79700	192000
	316MR4	269	5.6	99700	66	45	132 ... 200	—	—	202000	226600	84600	192000
	316MR4	289	5.2	107200	66	45	132 ... 200	—	—	202000	226600	86600	192000
	316MR4	337	4.4	101400	53	45	132 ... 200	—	—	205400	230400	91200	192000
	316MR4	363	4.1	102600	50	45	132 ... 200	—	—	207500	232800	93400	192000
	316MR4	430	3.5	105500	43	45	132 ... 200	—	—	212700	238600	98900	192000
	316MR4	443	3.4	125100	50	45	132 ... 200	—	—	213500	239500	99900	192000
	316MR4	525	2.9	125700	42	45	132 ... 200	—	—	218800	245500	105700	192000
316MR4	623	2.4	113800	32	45	132 ... 200	—	—	224200	251600	111900	192000	
316MR4	659	2.3	112400	30	45	132 ... 200	—	—	226000	253600	114000	192000	
316MR4	782	1.9	114300	25.9	45	132 ... 200	—	—	231600	259800	120700	192000	
1000	316MR3B	51.1	19.6	55200	124	90	180 ... 250	—	—	165100	185200	55700	192000
	316MR3B	64.1	15.6	69300	124	90	180 ... 250	—	—	176800	198300	60000	192000
	316MR3B	65.5	15.3	70900	124	90	180 ... 250	—	—	178000	199600	60500	192000
	316MR3B	77.8	12.9	84100	124	90	180 ... 250	—	—	187300	210200	64000	192000
	316MR3B	82.3	12.2	88900	124	90	180 ... 250	—	—	190500	213700	65200	192000
	316MR3B	97.6	10.2	98900	116	90	180 ... 250	—	—	200500	225000	69100	192000
	316MR3C	70.7	14.1	69700	113	108	180 ... 250	—	—	182000	204200	62000	192000
	316MR3C	88.7	11.3	87500	113	108	180 ... 250	—	—	194900	218600	66900	192000
	316MR3C	90.7	11.0	89500	113	108	180 ... 250	—	—	196200	220100	67400	192000
	316MR3C	108	9.3	104900	112	108	180 ... 250	—	—	202000	226600	71400	192000
	316MR3C	114	8.8	99500	100	108	180 ... 250	—	—	202000	226600	72700	192000
	316MR3C	135	7.4	99500	84	108	180 ... 250	—	—	202000	226600	77000	192000
	316MR4	225	4.4	94400	50	54	132 ... 200	—	—	205500	230500	91300	192000
	316MR4	269	3.7	112300	49	54	132 ... 200	—	—	210700	236400	96800	192000
	316MR4	289	3.5	117500	48	54	132 ... 200	—	—	212900	238800	99200	192000
	316MR4	337	3.0	108300	38	54	132 ... 200	—	—	217600	244200	104400	192000
	316MR4	363	2.8	109600	36	54	132 ... 200	—	—	219900	246700	107000	192000
	316MR4	430	2.3	112100	31	54	132 ... 200	—	—	225400	252800	113300	192000
	316MR4	443	2.3	127000	34	54	132 ... 200	—	—	226300	253800	114300	192000
	316MR4	525	1.9	128600	29.0	54	132 ... 200	—	—	231900	260100	121000	192000
316MR4	623	1.6	115800	22.0	54	132 ... 200	—	—	237600	266600	128100	192000	
316MR4	659	1.5	117100	21.0	54	132 ... 200	—	—	239500	268700	130500	192000	
316MR4	782	1.3	119200	18.0	54	132 ... 200	—	—	245500	275300	138200	192000	
316MR3B	51.1	9.8	68000	76	150	180 ... 250	—	—	202000	226600	70100	192000	
316MR3B	64.1	7.8	85300	76	150	180 ... 250	—	—	202000	226600	75600	192000	





# 316M R



400

# 134390 Nm

n <sub>1</sub> min <sup>-1</sup>		i	n <sub>2</sub> min <sup>-1</sup>	M <sub>n2</sub> Nm	P <sub>n1</sub> kW	Pt kW	P (IEC) 	Rn <sub>2</sub> [N]					M <sub>2 max</sub> Nm
								MC	MZ	HC/PC	HZ/PZ	FZ	
500	316MR3B	65.5	7.6	87200	76	150	180 ... 250	—	—	202000	226600	76200	192000
	316MR3B	77.8	6.4	103500	76	150	180 ... 250	—	—	202000	226600	80700	192000
	316MR3B	82.3	6.1	98000	68	150	180 ... 250	—	—	202000	226600	82200	192000
	316MR3B	97.6	5.1	99500	58	150	180 ... 250	—	—	202000	226600	87000	192000
	316MR3C	70.7	7.1	85800	70	180	180 ... 250	—	—	202000	226600	78100	192000
	316MR3C	88.7	5.6	97900	63	180	180 ... 250	—	—	202000	226600	84300	192000
	316MR3C	90.7	5.5	110200	70	180	180 ... 250	—	—	202000	226600	84900	192000
	316MR3C	108	4.6	113600	61	180	180 ... 250	—	—	204100	229000	89900	192000
	316MR3C	114	4.4	101600	51	180	180 ... 250	—	—	205800	230800	91600	192000
	316MR3C	135	3.7	104500	44	180	180 ... 250	—	—	210900	236600	97000	192000
	316MR4	225	2.2	114300	30	90	132 ... 200	—	—	226800	254500	115000	192000
	316MR4	269	1.9	129800	28.3	90	132 ... 200	—	—	232600	261000	122000	192000
	316MR4	289	1.7	129400	26.5	90	132 ... 200	—	—	235100	263700	124900	192000
	316MR4	337	1.5	117400	20.6	90	132 ... 200	—	—	240300	269600	131500	192000
	316MR4	363	1.4	118300	19.3	90	132 ... 200	—	—	242800	272400	134800	192000
	316MR4	430	1.2	120300	16.5	90	132 ... 200	—	—	248800	279100	142700	192000
	316MR4	443	1.1	133300	17.8	90	132 ... 200	—	—	249800	280200	144000	192000
	316MR4	525	0.95	134400	15.1	90	132 ... 200	—	—	256000	287200	150000	192000
	316MR4	623	0.80	118100	11.2	90	132 ... 200	—	—	262400	294300	150000	192000
	316MR4	659	0.76	122200	11.0	90	132 ... 200	—	—	264400	296700	150000	192000
	316MR4	782	0.64	122200	9.2	90	132 ... 200	—	—	271000	304000	150000	192000

