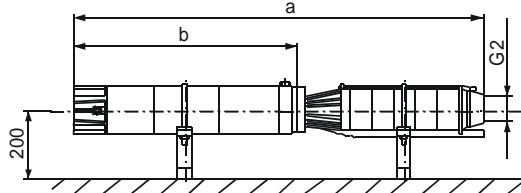
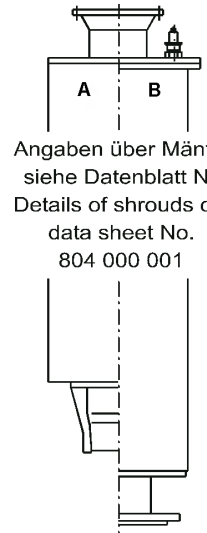


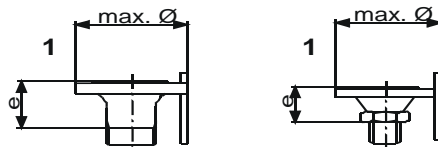
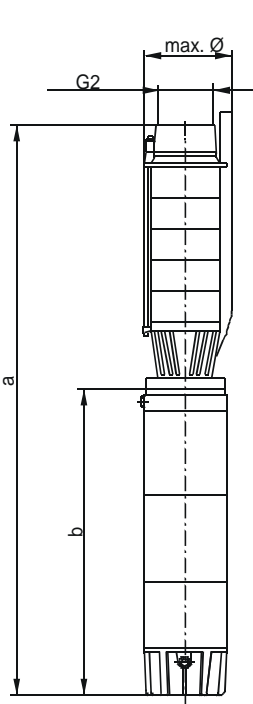
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2			144	145		v
		G2		144	145		h+v
1		DN50; PN16	56	175	177	2,8	h+v
1		DN50; PN25, 40	62	175	177	3,3	h+v
				1)	2)		



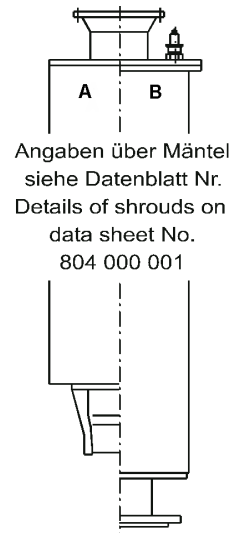
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
			P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB61- 2 + M4-10-2	2)	0,55	1,56	145		555	240	16	h+v	1FI 4x1,5	
3	NB61- 3 + M4-16-2	2)	1,1	3,1	145		655	300	19	h+v	1FI 4x1,5	
4	NB61- 4 + M4-16-2	2)	1,1	3,1	145		700	300	20	h+v	1FI 4x1,5	
5	NB61- 5 + M4-19-2	2)	1,5	3,9	145		770	325	22	h+v	1FI 4x1,5	
6	NB61- 6 + M4-23-2	2)	2,2	5,6	145		845	355	25	h+v	1FI 4x1,5	
7	NB61- 7 + M4-23-2	2)	2,2	5,6	145		885	355	26	h+v	1FI 4x1,5	
8	NB61- 8 + M4-23-2	2)	2,2	5,6	145		930	355	26	h+v	1FI 4x1,5	
9	NB61- 9 + M4-27-2	2)	3	7,4	145		1040	425	30	h+v	1FI 4x1,5	
10	NB61-10 + M4-27-2	2)	3	7,4	145		1080	425	31	h+v	1FI 4x1,5	
	NB61-11 + M4-30-2	2)	3,7	8,7	145		1245	545	37	h+v	1FI 4x1,5	
12	NB61-12 + M4-30-2	2)	3,7	8,7	145		1290	545	38	h+v	1FI 4x1,5	
	NB61-13 + M4-30-2	2)	3,7	8,7	145		1330	545	39	h+v	1FI 4x1,5	
14	NB61-14 + M4-37-2	2)	4	9,4	145		1415	585	41	h+v	1FI 4x1,5	
14	NB61-14 +	M6-200-2	7,5	17,2		147	1420	595	62	h+v		2FI 3/4x2,5
	NB61-15 + M4-46-2	2)	5,5	13,1	145		1570	695	47	h+v	1FI 4x1,5	
	NB61-15 +	M6-200-2	7,5	17,2		147	1465	595	63	h+v		2FI 3/4x2,5
16	NB61-16 + M4-46-2	2)	5,5	13,1	145		1615	695	48	h+v	1FI 4x1,5	
16	NB61-16 +	M6-200-2	7,5	17,2		147	1505	595	64	h+v		2FI 3/4x2,5
	NB61-17 + M4-46-2	2)	5,5	13,1	145		1655	695	49	h+v	1FI 4x1,5	
	NB61-17 +	M6-200-2	7,5	17,2		147	1550	595	65	h+v		2FI 3/4x2,5
18	NB61-18 + M4-46-2	2)	5,5	13,1	145		1700	695	49	h+v	1FI 4x1,5	
18	NB61-18 +	M6-200-2	7,5	17,2		147	1595	595	66	h+v		2FI 3/4x2,5
	NB61-19 + M4-46-2	2)	5,5	13,1	145		1745	695	50	h+v	1FI 4x1,5	
	NB61-19 +	M6-200-2	7,5	17,2		147	1635	595	67	h+v		2FI 3/4x2,5
20	NB61-20 + M4-46-2	2)	5,5	13,1	145		1785	695	51	h+v	1FI 4x1,5	
20	NB61-20 +	M6-200-2	7,5	17,2		147	1680	595	68	h+v		2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M4
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 2) Motor nur für Direkteinschaltung möglich

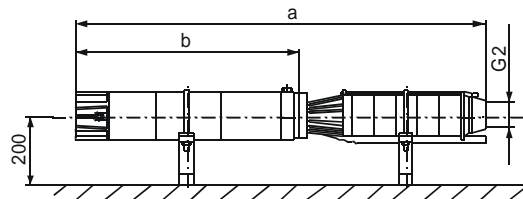
Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M4
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only



Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G2			direkt mm	YΔ mm		
		G2		145	145		v
1		DN50; PN16	56	176	177	2,8	h+v
1		DN50; PN25, 40	62	176	177	3,3	h+v
				1)	1)		



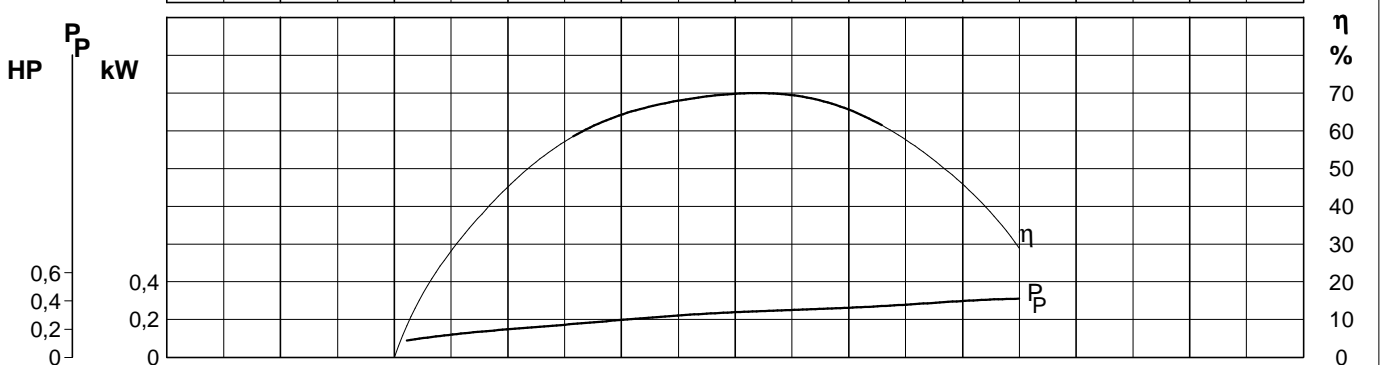
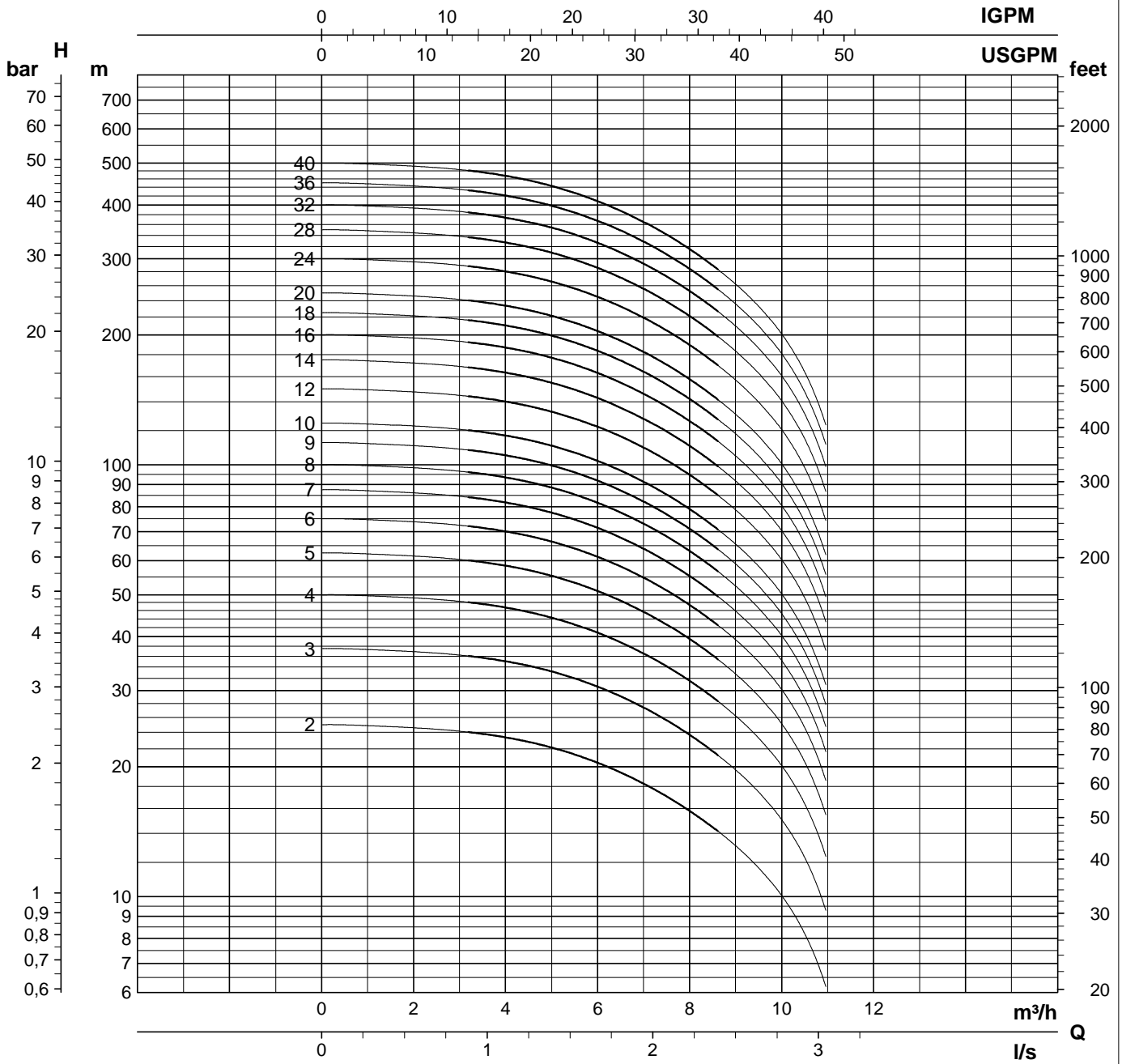
Angaben über Mäntel
siehe Datenblatt Nr.
Details of shrouds on
data sheet No.
804 000 001

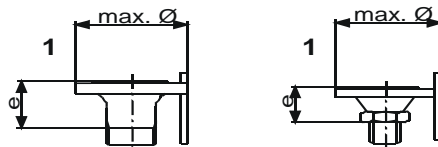
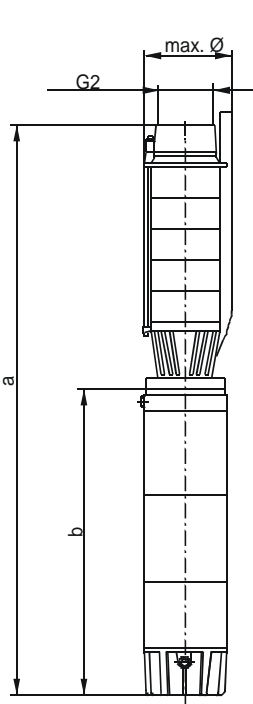


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
	NB61-21 + M6-200-2	M6-200-2	7,5	17,2	147	147	1720	595	69	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-22 + M6-200-2	M6-200-2	7,5	17,2	147	147	1765	595	70	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-23 + M6-200-2	M6-200-2	7,5	17,2	147	147	1810	595	71	h+v	1FI 4x2,5	2FI 3/4x2,5
24	NB61-24 + M6-200-2	M6-200-2	7,5	17,2	147	147	1850	595	72	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-25 + M6-200-2	M6-200-2	7,5	17,2	147	147	1895	595	73	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-26 + M6-200-2	M6-200-2	7,5	17,2	147	147	1935	595	73	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-27 + M6-200-2	M6-200-2	7,5	17,2	147	147	1980	595	74	h+v	1FI 4x2,5	2FI 3/4x2,5
28	NB61-28 + M6-240-2	M6-240-2	9,2	20,5	147	147	2065	635	79	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-29 + M6-240-2	M6-240-2	9,2	20,5	147	147	2105	635	80	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-30 + M6-240-2	M6-240-2	9,2	20,5	147	147	2150	635	81	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-31 + M6-240-2	M6-240-2	9,2	20,5	147	147	2190	635	82	h+v	1FI 4x2,5	2FI 3/4x2,5
32	NB61-32 + M6-240-2	M6-240-2	9,2	20,5	147	147	2235	635	83	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-33 + M6-240-2	M6-240-2	9,2	20,5	147	147	2280	635	84	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-34 + M6-270-2	M6-270-2	11	24	147	147	2350	665	88	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-35 + M6-270-2	M6-270-2	11	24	147	147	2395	665	89	h+v	1FI 4x2,5	2FI 3/4x2,5
36	NB61-36 + M6-270-2	M6-270-2	11	24	147	147	2435	665	90	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-37 + M6-270-2	M6-270-2	11	24	147	147	2480	665	91	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-38 + M6-270-2	M6-270-2	11	24	147	147	2525	665	92	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB61-39 + M6-270-2	M6-270-2	11	24	147	147	2565	665	93	h+v	1FI 4x2,5	2FI 3/4x2,5
40	NB61-40 + M6-270-2	M6-270-2	11	24	147	147	2610	665	94	h+v	1FI 4x2,5	2FI 3/4x2,5

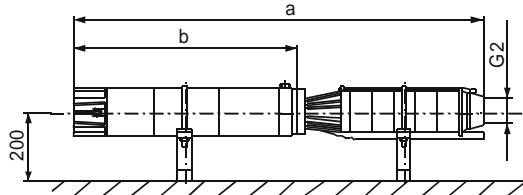
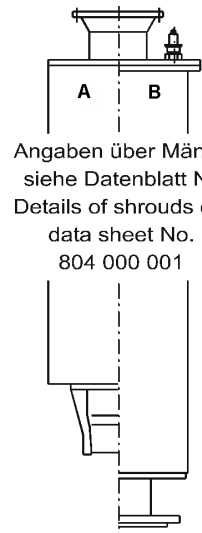
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
Max. diameter incl. largest motor leads of the motor M6





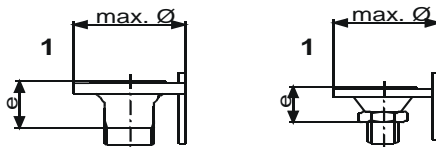
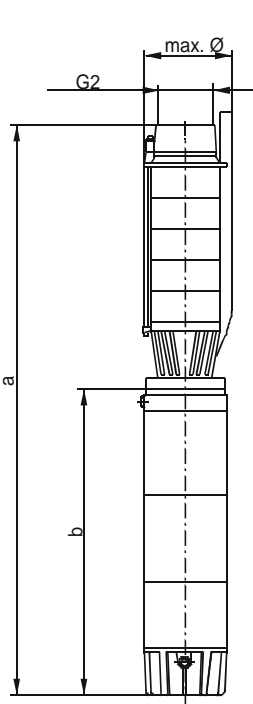
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2			145	145		v
		G2		145	145		h+v
1		DN50; PN16	56	176	177	2,8	h+v
1		DN50; PN25, 40	62	176	177	3,3	h+v
				1)	1)		



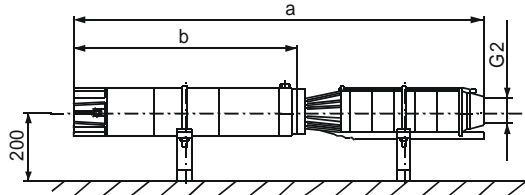
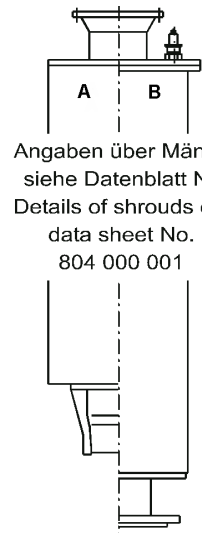
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB62- 2 + M4-16-2	2)	1,1	3,1	145		615	300	18	h+v	1FI 4x1,5	
3	NB62- 3 + M4-19-2	2)	1,5	3,9	145		685	325	20	h+v	1FI 4x1,5	
4	NB62- 4 + M4-23-2	2)	2,2	5,6	145		755	355	23	h+v	1FI 4x1,5	
5	NB62- 5 + M4-23-2	2)	2,2	5,6	145		800	355	24	h+v	1FI 4x1,5	
6	NB62- 6 + M4-27-2	2)	3	7,4	145		910	425	27	h+v	1FI 4x1,5	
7	NB62- 7 + M4-27-2	2)	3	7,4	145		955	425	28	h+v	1FI 4x1,5	
8	NB62- 8 + M4-30-2	2)	3,7	8,7	145		1115	545	34	h+v	1FI 4x1,5	
9	NB62- 9 + M4-30-2	2)	3,7	8,7	145		1160	545	35	h+v	1FI 4x1,5	
10	NB62-10 + M4-37-2	2)	4	9,4	145		1240	585	37	h+v	1FI 4x1,5	
10	NB62-10 +	M6-200-2	7,5	17,2		147	1250	595	58	h+v		2FI 3/4x2,5
	NB62-11 + M4-46-2	2)	5,5	13,1	145		1400	695	43	h+v	1FI 4x1,5	
	NB62-11 +	M6-200-2	7,5	17,2		147	1290	595	59	h+v		2FI 3/4x2,5
12	NB62-12 + M4-46-2	2)	5,5	13,1	145		1440	695	44	h+v	1FI 4x1,5	
12	NB62-12 +	M6-200-2	7,5	17,2		147	1335	595	60	h+v		2FI 3/4x2,5
	NB62-13 + M4-46-2	2)	5,5	13,1	145		1485	695	45	h+v	1FI 4x1,5	
	NB62-13 +	M6-200-2	7,5	17,2		147	1380	595	61	h+v		2FI 3/4x2,5
14	NB62-14 + M4-46-2	2)	5,5	13,1	145		1530	695	46	h+v	1FI 4x1,5	
14	NB62-14 +	M6-200-2	7,5	17,2		147	1420	595	62	h+v		2FI 3/4x2,5
	NB62-15 + M6-200-2	M6-200-2	7,5	17,2	147	147	1465	595	63	h+v	1FI 4x2,5	2FI 3/4x2,5
16	NB62-16 + M6-200-2	M6-200-2	7,5	17,2	147	147	1505	595	64	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-17 + M6-200-2	M6-200-2	7,5	17,2	147	147	1550	595	65	h+v	1FI 4x2,5	2FI 3/4x2,5
18	NB62-18 + M6-200-2	M6-200-2	7,5	17,2	147	147	1595	595	66	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-19 + M6-200-2	M6-200-2	7,5	17,2	147	147	1635	595	67	h+v	1FI 4x2,5	2FI 3/4x2,5
20	NB62-20 + M6-240-2	M6-240-2	9,2	20,5	147	147	1720	635	72	h+v	1FI 4x2,5	2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 2) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only



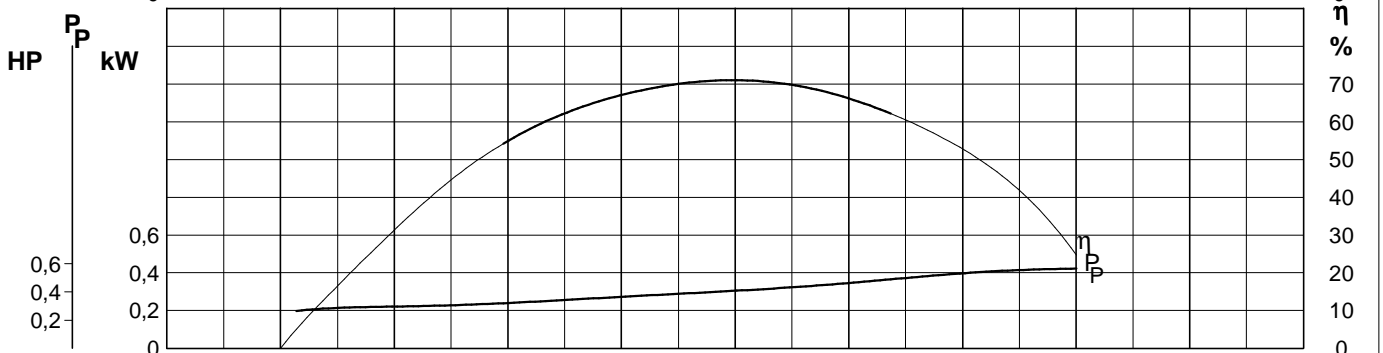
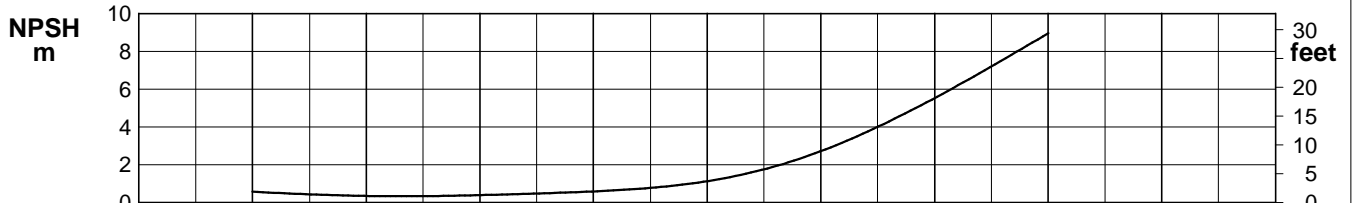
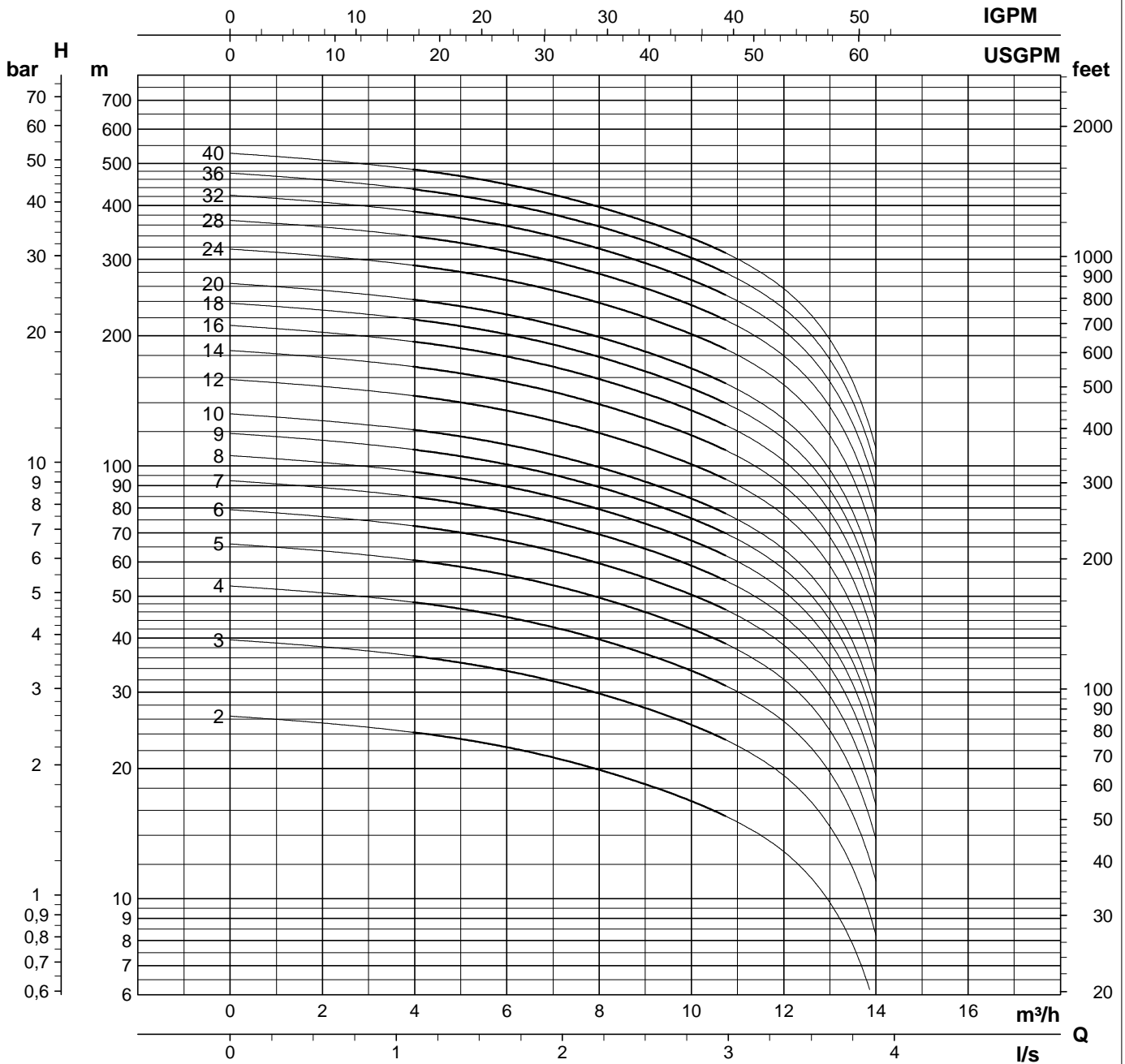
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2			146	145		v
		G2		146	145		h+v
1		DN50; PN16	56	177	177	2,8	h+v
1		DN50; PN25, 40	62	177	177	3,3	h+v
				1)	1)		

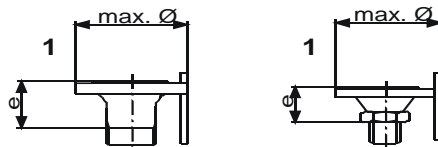
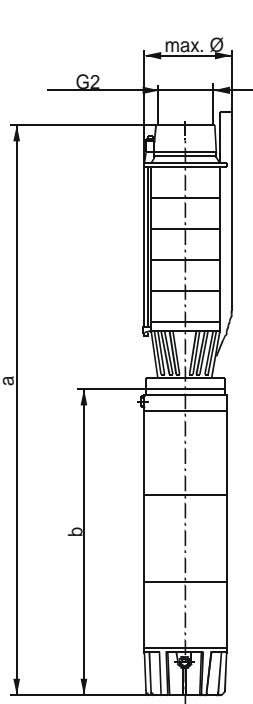


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
	NB62-21 + M6-240-2	M6-240-2	9,2	20,5	147	147	1760	635	73	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-22 + M6-240-2	M6-240-2	9,2	20,5	147	147	1805	635	74	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-23 + M6-240-2	M6-240-2	9,2	20,5	147	147	1850	635	75	h+v	1FI 4x2,5	2FI 3/4x2,5
24	NB62-24 + M6-240-2	M6-240-2	9,2	20,5	147	147	1890	635	76	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-25 + M6-270-2	M6-270-2	11	24	147	147	1965	665	80	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-26 + M6-270-2	M6-270-2	11	24	147	147	2005	665	80	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-27 + M6-270-2	M6-270-2	11	24	147	147	2050	665	81	h+v	1FI 4x2,5	2FI 3/4x2,5
28	NB62-28 + M6-270-2	M6-270-2	11	24	147	147	2095	665	82	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-29 + M6-305-2	M6-305-2	13	28,5	147	147	2170	700	87	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-30 + M6-305-2	M6-305-2	13	28,5	147	147	2215	700	88	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-31 + M6-305-2	M6-305-2	13	28,5	147	147	2255	700	89	h+v	1FI 4x2,5	2FI 3/4x2,5
32	NB62-32 + M6-305-2	M6-305-2	13	28,5	147	147	2300	700	90	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-33 + M6-305-2	M6-305-2	13	28,5	147	147	2345	700	91	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-34 + M6-305-2	M6-305-2	13	28,5	147	147	2385	700	92	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB62-35 + M6-340-2	M6-340-2	15	32	148	147	2465	735	97	h+v	1FI 4x4	2FI 3/4x2,5
36	NB62-36 + M6-340-2	M6-340-2	15	32	148	147	2505	735	98	h+v	1FI 4x4	2FI 3/4x2,5
	NB62-37 + M6-340-2	M6-340-2	15	32	148	147	2550	735	99	h+v	1FI 4x4	2FI 3/4x2,5
	NB62-38 + M6-340-2	M6-340-2	15	32	148	147	2595	735	100	h+v	1FI 4x4	2FI 3/4x2,5
	NB62-39 + M6-340-2	M6-340-2	15	32	148	147	2635	735	101	h+v	1FI 4x4	2FI 3/4x2,5
40	NB62-40 + M6-400-2	M6-400-2	18,5	39	148	147	2740	795	109	h+v	1FI 4x4	2FI 3/4x2,5

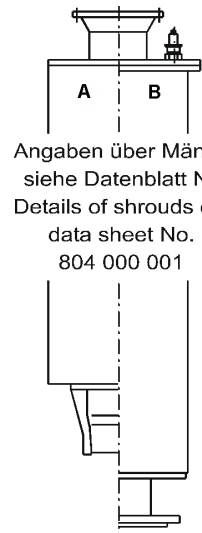
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6

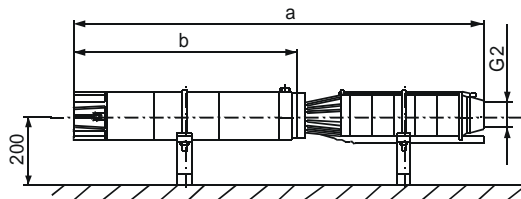




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G2			direkt mm	YΔ mm		
		G2		145	145		v
1		DN50; PN16	56	176	177	2,8	h+v
1		DN50; PN25, 40	62	176	177	3,3	h+v
				1)	1)		



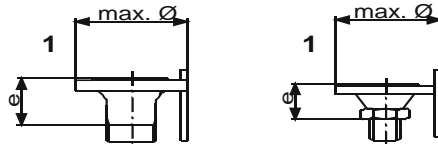
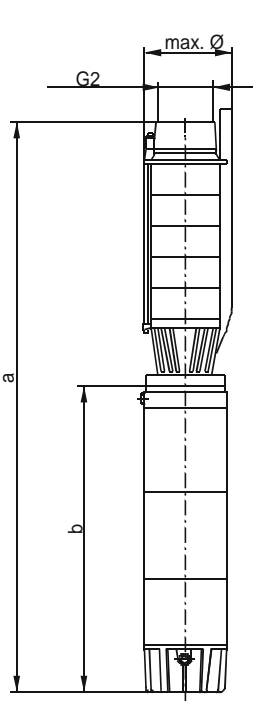
Angaben über Mäntel
siehe Datenblatt Nr.
Details of shrouds on
data sheet No.
804 000 001



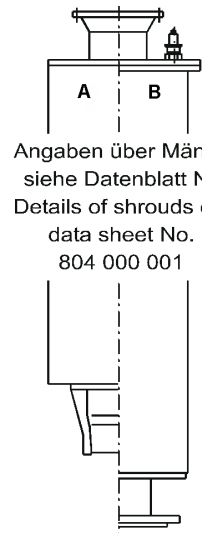
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB63- 2 + M4-16-2	2)	1,1	3,1	145		615	300	18	h+v	1FI 4x1,5	
3	NB63- 3 + M4-19-2	2)	1,5	3,9	145		685	325	20	h+v	1FI 4x1,5	
4	NB63- 4 + M4-23-2	2)	2,2	5,6	145		755	355	23	h+v	1FI 4x1,5	
5	NB63- 5 + M4-27-2	2)	3	7,4	145		865	425	26	h+v	1FI 4x1,5	
6	NB63- 6 + M4-27-2	2)	3	7,4	145		910	425	27	h+v	1FI 4x1,5	
7	NB63- 7 + M4-30-2	2)	3,7	8,7	145		1075	545	33	h+v	1FI 4x1,5	
8	NB63- 8 + M4-37-2	2)	4	9,4	145		1155	585	35	h+v	1FI 4x1,5	
8	NB63- 8 +	M6-200-2	7,5	17,2	147		1165	595	56	h+v		2FI 3/4x2,5
9	NB63- 9 + M4-46-2	2)	5,5	13,1	145		1315	695	41	h+v	1FI 4x1,5	
9	NB63- 9 +	M6-200-2	7,5	17,2	147		1205	595	57	h+v		2FI 3/4x2,5
10	NB63-10 + M4-46-2	2)	5,5	13,1	145		1355	695	42	h+v	1FI 4x1,5	
10	NB63-10 +	M6-200-2	7,5	17,2	147		1250	595	58	h+v		2FI 3/4x2,5
	NB63-11 + M4-46-2	2)	5,5	13,1	145		1400	695	43	h+v	1FI 4x1,5	
	NB63-11 +	M6-200-2	7,5	17,2	147		1290	595	59	h+v		2FI 3/4x2,5
12	NB63-12 + M6-200-2	M6-200-2	7,5	17,2	147	147	1335	595	60	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-13 + M6-200-2	M6-200-2	7,5	17,2	147	147	1380	595	61	h+v	1FI 4x2,5	2FI 3/4x2,5
14	NB63-14 + M6-200-2	M6-200-2	7,5	17,2	147	147	1420	595	62	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-15 + M6-200-2	M6-200-2	7,5	17,2	147	147	1465	595	63	h+v	1FI 4x2,5	2FI 3/4x2,5
16	NB63-16 + M6-240-2	M6-240-2	9,2	20,5	147	147	1545	635	68	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-17 + M6-240-2	M6-240-2	9,2	20,5	147	147	1590	635	69	h+v	1FI 4x2,5	2FI 3/4x2,5
18	NB63-18 + M6-240-2	M6-240-2	9,2	20,5	147	147	1635	635	70	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-19 + M6-270-2	M6-270-2	11	24	147	147	1705	665	74	h+v	1FI 4x2,5	2FI 3/4x2,5
20	NB63-20 + M6-270-2	M6-270-2	11	24	147	147	1750	665	75	h+v	1FI 4x2,5	2FI 3/4x2,5

Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
1) Max. Durchmesser einschließlich der größten Leitung des Motors M6
2) Motor nur für Direkteinschaltung möglich

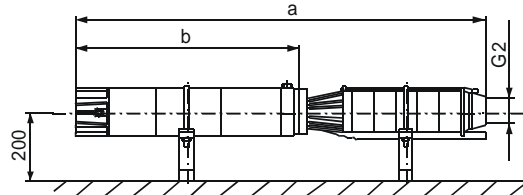
Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
Max. diameter incl. largest motor leads of the motor M6
Motor for d.o.l. starting only



Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2			147	145		v
		G2		147	145		h+v
1		DN50; PN16	56	178	177	2,8	h+v
1		DN50; PN25, 40	62	178	177	3,3	h+v
				1)	1)		



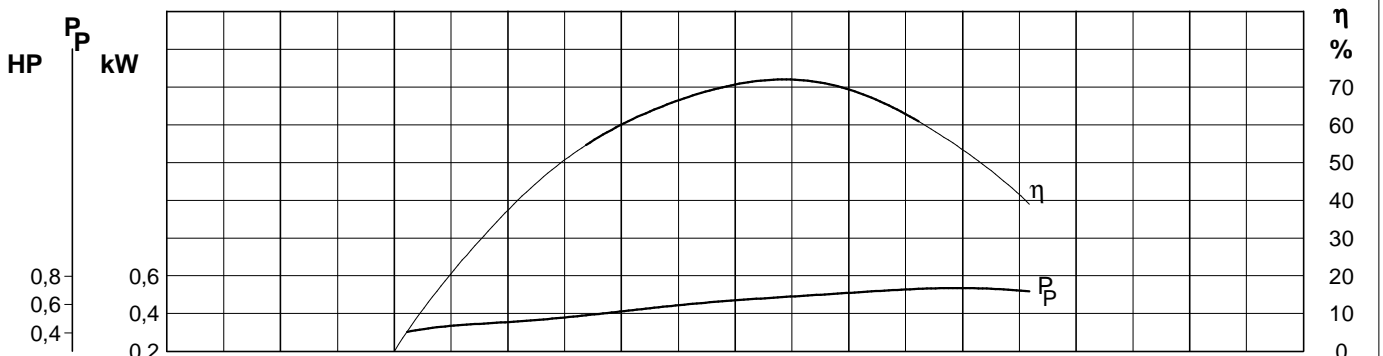
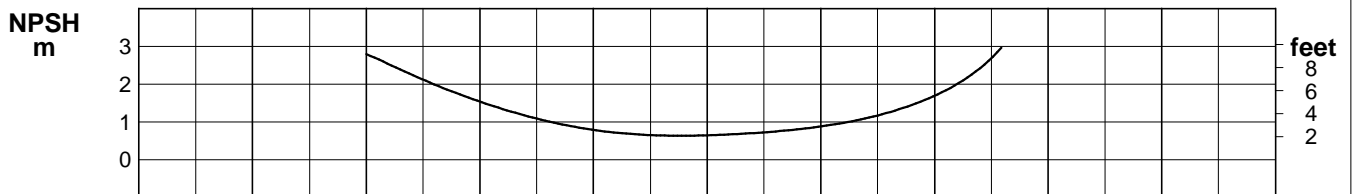
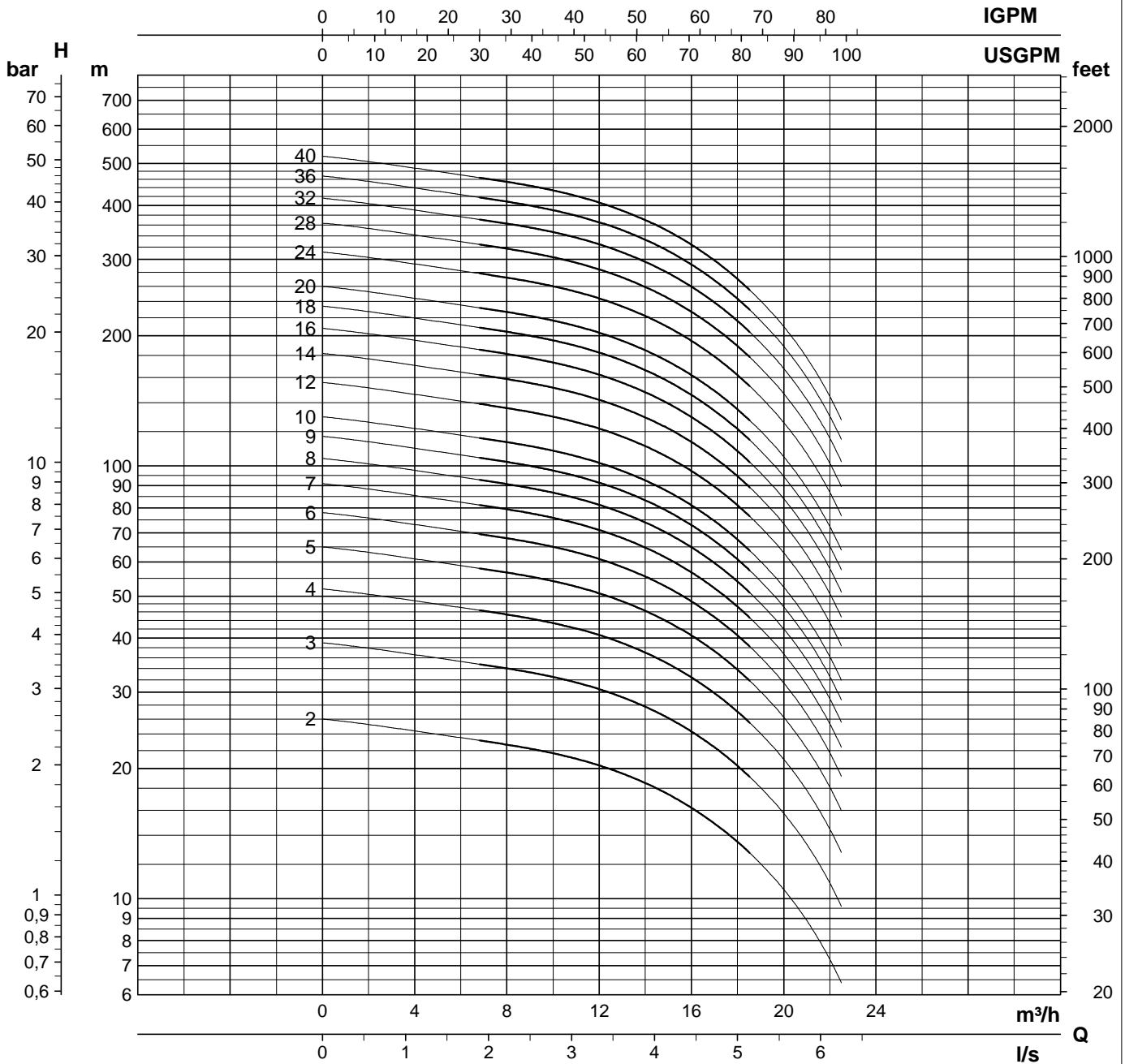
Angaben über Mäntel
siehe Datenblatt Nr.
Details of shrouds on
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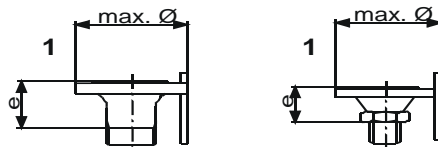
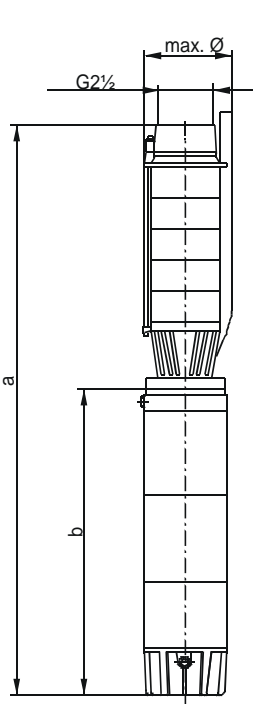


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
	NB63-21 + M6-270-2	M6-270-2	11	24	147	147	1790	665	76	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-22 + M6-270-2	M6-270-2	11	24	147	147	1835	665	77	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-23 + M6-305-2	M6-305-2	13	28,5	147	147	1915	700	82	h+v	1FI 4x2,5	2FI 3/4x2,5
24	NB63-24 + M6-305-2	M6-305-2	13	28,5	147	147	1955	700	83	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-25 + M6-305-2	M6-305-2	13	28,5	147	147	2000	700	84	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-26 + M6-305-2	M6-305-2	13	28,5	147	147	2040	700	84	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB63-27 + M6-340-2	M6-340-2	15	32	148	147	2120	735	89	h+v	1FI 4x4	2FI 3/4x2,5
28	NB63-28 + M6-340-2	M6-340-2	15	32	148	147	2165	735	90	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-29 + M6-340-2	M6-340-2	15	32	148	147	2205	735	91	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-30 + M6-340-2	M6-340-2	15	32	148	147	2250	735	92	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-31 + M6-400-2	M6-400-2	18,5	39	148	147	2350	795	100	h+v	1FI 4x4	2FI 3/4x2,5
32	NB63-32 + M6-400-2	M6-400-2	18,5	39	148	147	2395	795	101	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-33 + M6-400-2	M6-400-2	18,5	39	148	147	2440	795	102	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-34 + M6-400-2	M6-400-2	18,5	39	148	147	2480	795	103	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-35 + M6-400-2	M6-400-2	18,5	39	148	147	2525	795	104	h+v	1FI 4x4	2FI 3/4x2,5
36	NB63-36 + M6-400-2	M6-400-2	18,5	39	148	147	2565	795	105	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-37 + M6-400-2	M6-400-2	18,5	39	148	147	2610	795	106	h+v	1FI 4x4	2FI 3/4x2,5
	NB63-38 + M6-460-2	M6-460-2	22	46,5	149	147	2735	875	114	h+v	1FI 4x6	2FI 3/4x2,5
	NB63-39 + M6-460-2	M6-460-2	22	46,5	149	147	2780	875	115	h+v	1FI 4x6	2FI 3/4x2,5
40	NB63-40 + M6-460-2	M6-460-2	22	46,5	149	147	2820	875	116	h+v	1FI 4x6	2FI 3/4x2,5

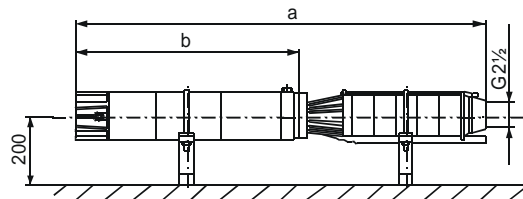
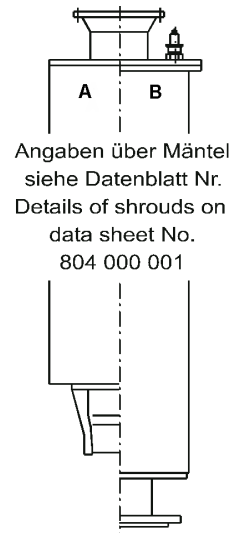
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
Max. diameter incl. largest motor leads of the motor M6





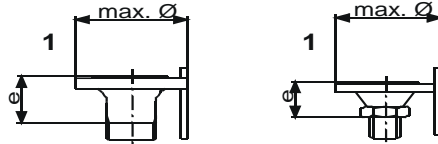
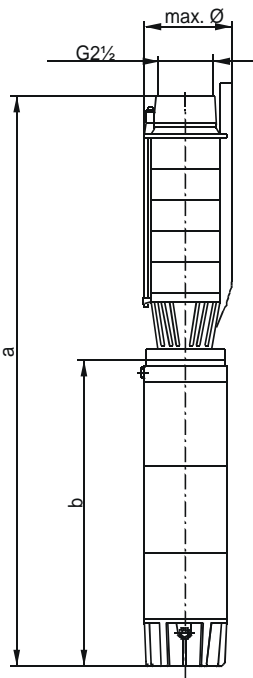
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2½, 2½"NPT			145	145		v
		G2½, 2½"NPT		145	145		h+v
1		DN65; PN16	61	196	197	3,5	h+v
1		DN65; PN25, 40	67	196	197	4,5	h+v
	G3, 3"NPT			145	145		v
		G3, 3"NPT		145	145		h+v
1		DN80; PN16...40	80	211	212	5,8	h+v
				1)	1)		



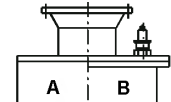
Kurve Curve	Pumpe + Motor Pump + Motor		Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB64- 2 + M4-19-2	2)	1,5	3,9	145		665	325	20	h+v	1FI 4x1,5	
3	NB64- 3 + M4-23-2	2)	2,2	5,6	145		745	355	22	h+v	1FI 4x1,5	
4	NB64- 4 + M4-27-2	2)	3	7,4	145		870	425	26	h+v	1FI 4x1,5	
5	NB64- 5 + M4-27-2	2)	3	7,4	145		920	425	27	h+v	1FI 4x1,5	
6	NB64- 6 + M4-30-2	2)	3,7	8,7	145		1095	545	33	h+v	1FI 4x1,5	
7	NB64- 7 + M4-37-2	2)	4	9,4	145		1190	585	36	h+v	1FI 4x1,5	
7	NB64- 7 +	M6-200-2	7,5	17,2		147	1195	595	57	h+v		2FI 3/4x2,5
8	NB64- 8 + M4-46-2	2)	5,5	13,1	145		1360	695	42	h+v	1FI 4x1,5	
8	NB64- 8 +	M6-200-2	7,5	17,2		147	1250	595	58	h+v		2FI 3/4x2,5
9	NB64- 9 + M4-46-2	2)	5,5	13,1	145		1410	695	43	h+v	1FI 4x1,5	
9	NB64- 9 +	M6-200-2	7,5	17,2		147	1305	595	59	h+v		2FI 3/4x2,5
10	NB64-10 + M6-200-2	M6-200-2	7,5	17,2	147	147	1360	595	61	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-11 + M6-200-2	M6-200-2	7,5	17,2	147	147	1415	595	62	h+v	1FI 4x2,5	2FI 3/4x2,5
12	NB64-12 + M6-200-2	M6-200-2	7,5	17,2	147	147	1465	595	63	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-13 + M6-200-2	M6-200-2	7,5	17,2	147	147	1520	595	64	h+v	1FI 4x2,5	2FI 3/4x2,5
14	NB64-14 + M6-240-2	M6-240-2	9,2	20,5	147	147	1615	635	69	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-15 + M6-240-2	M6-240-2	9,2	20,5	147	147	1670	635	70	h+v	1FI 4x2,5	2FI 3/4x2,5
16	NB64-16 + M6-240-2	M6-240-2	9,2	20,5	147	147	1725	635	72	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-17 + M6-270-2	M6-270-2	11	24	147	147	1805	665	76	h+v	1FI 4x2,5	2FI 3/4x2,5
18	NB64-18 + M6-270-2	M6-270-2	11	24	147	147	1860	665	77	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-19 + M6-270-2	M6-270-2	11	24	147	147	1915	665	78	h+v	1FI 4x2,5	2FI 3/4x2,5
20	NB64-20 + M6-305-2	M6-305-2	13	28,5	147	147	2005	700	83	h+v	1FI 4x2,5	2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 2) Motor nur für Direkteinschaltung möglich

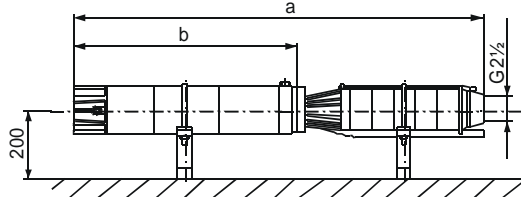
Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only



Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G2½, 2½"NPT			direkt mm	YΔ mm		v
		G2½, 2½"NPT		147	145		h+v
1		DN65; PN16	61	198	197	3,5	h+v
1		DN65; PN25, 40	67	198	197	4,5	h+v
	G3, 3"NPT			147	145		v
		G3, 3"NPT		147	145		h+v
1		DN80; PN16...40	80	213	212	5,8	h+v
				1)	1)		



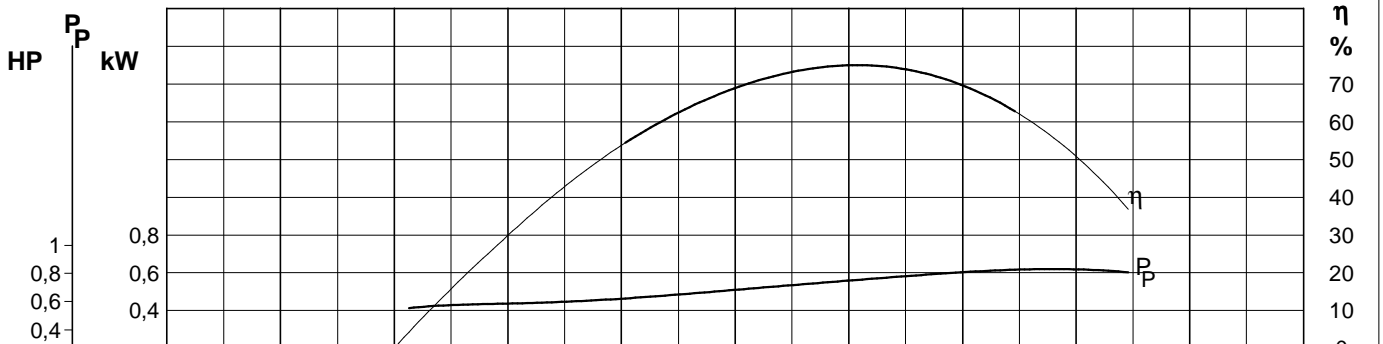
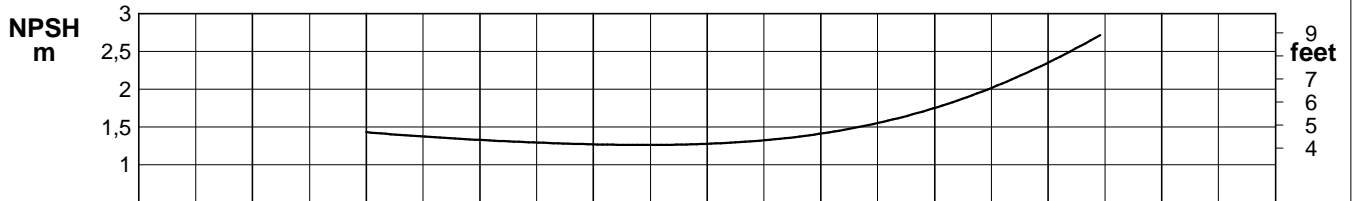
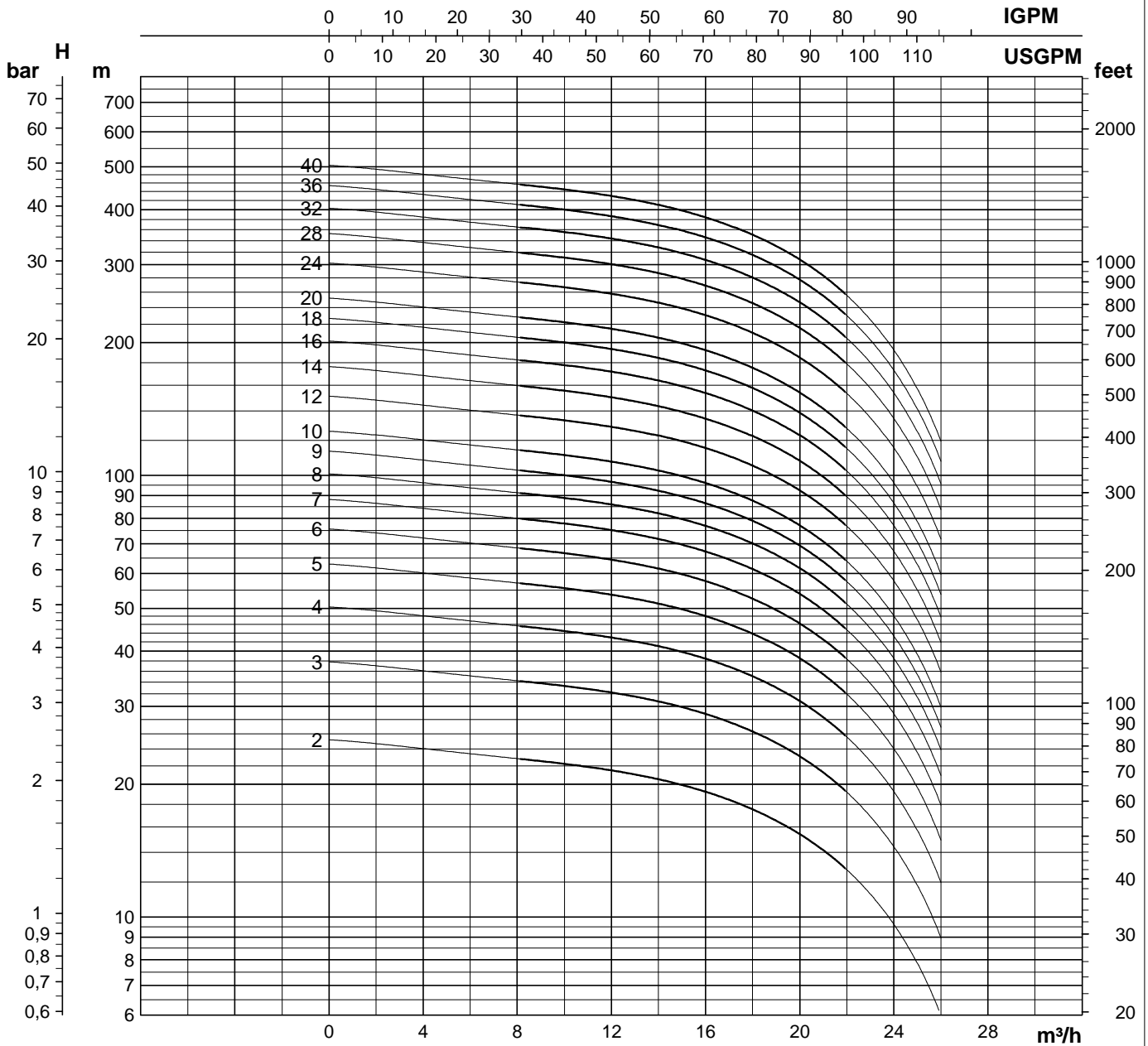
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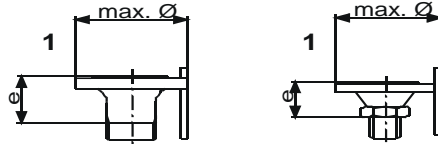
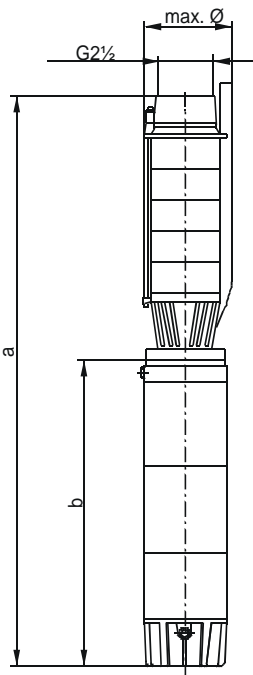


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Aggregat / Unit						Motorleitung Motor leads			
			Motor	max. Ø 400 V		Länge / Length		Gew. Weight kg	Installation	Motor leads	Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	direkt mm	YΔ mm	a mm	b mm			direkt d.o.l.	YΔ star-delta
	NB64-21 + M6-305-2	M6-305-2	13	28,5	147	147	2060	700	85	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-22 + M6-305-2	M6-305-2	13	28,5	147	147	2110	700	86	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB64-23 + M6-340-2	M6-340-2	15	32	148	147	2200	735	91	h+v	1FI 4x4	2FI 3/4x2,5
24	NB64-24 + M6-340-2	M6-340-2	15	32	148	147	2255	735	92	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-25 + M6-340-2	M6-340-2	15	32	148	147	2310	735	93	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-26 + M6-340-2	M6-340-2	15	32	148	147	2365	735	94	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-27 + M6-400-2	M6-400-2	18,5	39	148	147	2475	795	103	h+v	1FI 4x4	2FI 3/4x2,5
28	NB64-28 + M6-400-2	M6-400-2	18,5	39	148	147	2530	795	104	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-29 + M6-400-2	M6-400-2	18,5	39	148	147	2585	795	105	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-30 + M6-400-2	M6-400-2	18,5	39	148	147	2640	795	106	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-31 + M6-400-2	M6-400-2	18,5	39	148	147	2695	795	107	h+v	1FI 4x4	2FI 3/4x2,5
32	NB64-32 + M6-400-2	M6-400-2	18,5	39	148	147	2745	795	109	h+v	1FI 4x4	2FI 3/4x2,5
	NB64-33 + M6-460-2	M6-460-2	22	46,5	149	147	2885	875	117	h+v	1FI 4x6	2FI 3/4x2,5
	NB64-34 + M6-460-2	M6-460-2	22	46,5	149	147	2935	875	118	h+v	1FI 4x6	2FI 3/4x2,5
	NB64-35 + M6-460-2	M6-460-2	22	46,5	149	147	2990	875	119	h+v	1FI 4x6	2FI 3/4x2,5
36	NB64-36 + M6-460-2	M6-460-2	22	46,5	149	147	3045	875	120	h+v	1FI 4x6	2FI 3/4x2,5
	NB64-37 + M6-460-2	M6-460-2	22	46,5	149	147	3100	875	121	h+v	1FI 4x6	2FI 3/4x2,5
	NB64-38 + M6-460-2	M6-460-2	22	46,5	149	147	3155	875	123	h+v	1FI 4x6	2FI 3/4x2,5
	NB64-39 + M6-530-2	M6-530-2	26	54	149	147	3275	945	132	h+v	1FI 4x6	2FI 3/4x2,5
40	NB64-40 + M6-530-2	M6-530-2	26	54	149	147	3330	945	133	h+v	1FI 4x6	2FI 3/4x2,5

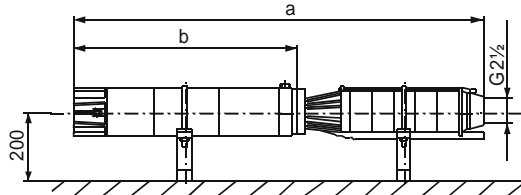
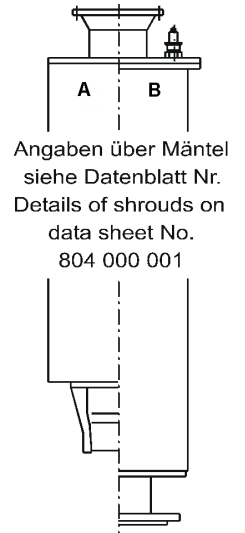
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
Max. diameter incl. largest motor leads of the motor M6





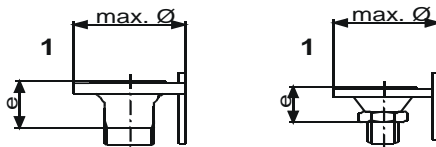
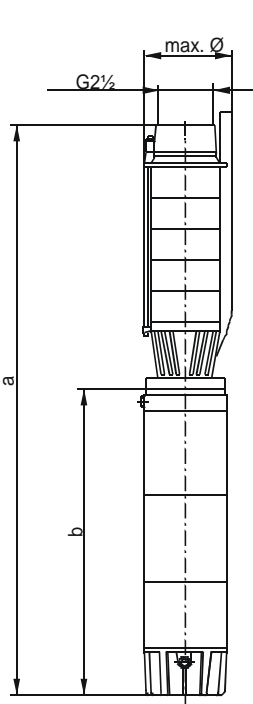
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G2½, 2½"NPT			direkt mm	YΔ mm		
		G2½, 2½"NPT		146	145		v
1		DN65; PN16	61	197	197	3,5	h+v
1		DN65; PN25, 40	67	197	197	4,5	h+v
		G3, 3"NPT		146	145		v
		G3, 3"NPT		146	145		h+v
1		DN80; PN16...40	80	212	212	5,8	h+v
				1)	1)		



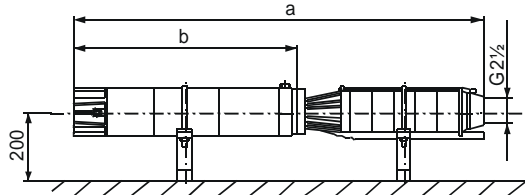
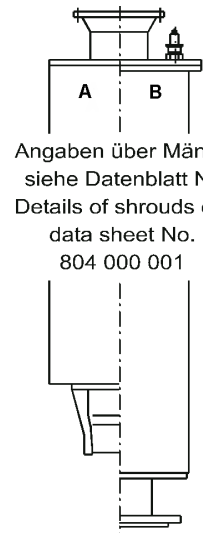
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB65- 2 + M4-19-2	2)	1,5	3,9	145		665	325	20	h+v	1FI 4x1,5	
3	NB65- 3 + M4-23-2	2)	2,2	5,6	145		745	355	22	h+v	1FI 4x1,5	
4	NB65- 4 + M4-27-2	2)	3	7,4	145		870	425	26	h+v	1FI 4x1,5	
5	NB65- 5 + M4-30-2	2)	3,7	8,7	145		1045	545	32	h+v	1FI 4x1,5	
6	NB65- 6 + M4-37-2	2)	4	9,4	145		1135	585	34	h+v	1FI 4x1,5	
6	NB65- 6 +	M6-200-2	7,5	17,2		147	1145	595	56	h+v		2FI 3/4x2,5
7	NB65- 7 + M4-46-2	2)	5,5	13,1	145		1305	695	41	h+v	1FI 4x1,5	
7	NB65- 7 +	M6-200-2	7,5	17,2		147	1195	595	57	h+v		2FI 3/4x2,5
8	NB65- 8 + M4-46-2	2)	5,5	13,1	145		1360	695	42	h+v	1FI 4x1,5	
8	NB65- 8 +	M6-200-2	7,5	17,2		147	1250	595	58	h+v		2FI 3/4x2,5
9	NB65- 9 + M6-200-2	M6-200-2	7,5	17,2	147	147	1305	595	59	h+v	1FI 4x2,5	2FI 3/4x2,5
10	NB65-10 + M6-200-2	M6-200-2	7,5	17,2	147	147	1360	595	61	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB65-11 + M6-200-2	M6-200-2	7,5	17,2	147	147	1415	595	62	h+v	1FI 4x2,5	2FI 3/4x2,5
12	NB65-12 + M6-240-2	M6-240-2	9,2	20,5	147	147	1505	635	67	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB65-13 + M6-240-2	M6-240-2	9,2	20,5	147	147	1560	635	68	h+v	1FI 4x2,5	2FI 3/4x2,5
14	NB65-14 + M6-270-2	M6-270-2	11	24	147	147	1645	665	72	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB65-15 + M6-270-2	M6-270-2	11	24	147	147	1700	665	73	h+v	1FI 4x2,5	2FI 3/4x2,5
16	NB65-16 + M6-270-2	M6-270-2	11	24	147	147	1755	665	75	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB65-17 + M6-305-2	M6-305-2	13	28,5	147	147	1840	700	80	h+v	1FI 4x2,5	2FI 3/4x2,5
18	NB65-18 + M6-305-2	M6-305-2	13	28,5	147	147	1895	700	81	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB65-19 + M6-305-2	M6-305-2	13	28,5	147	147	1950	700	82	h+v	1FI 4x2,5	2FI 3/4x2,5
20	NB65-20 + M6-340-2	M6-340-2	15	32	148	147	2040	735	87	h+v	1FI 4x4	2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 2) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only



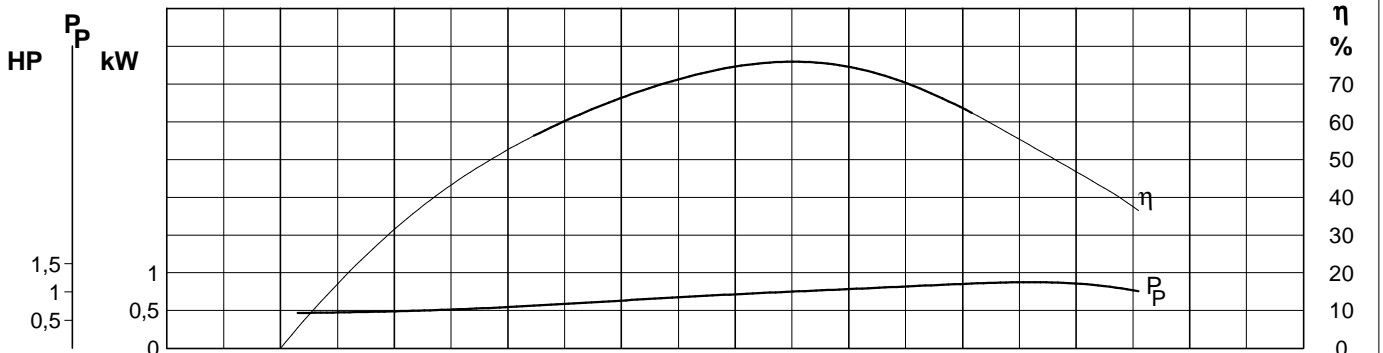
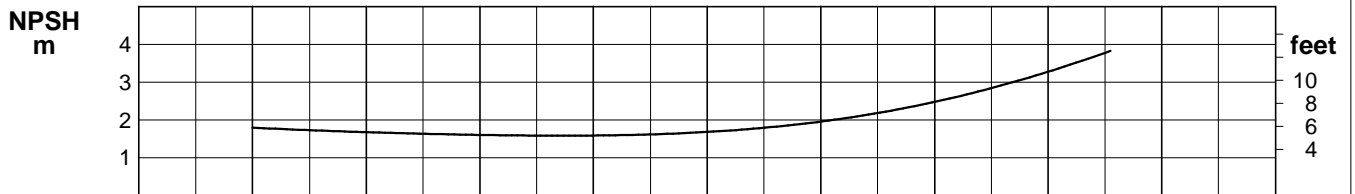
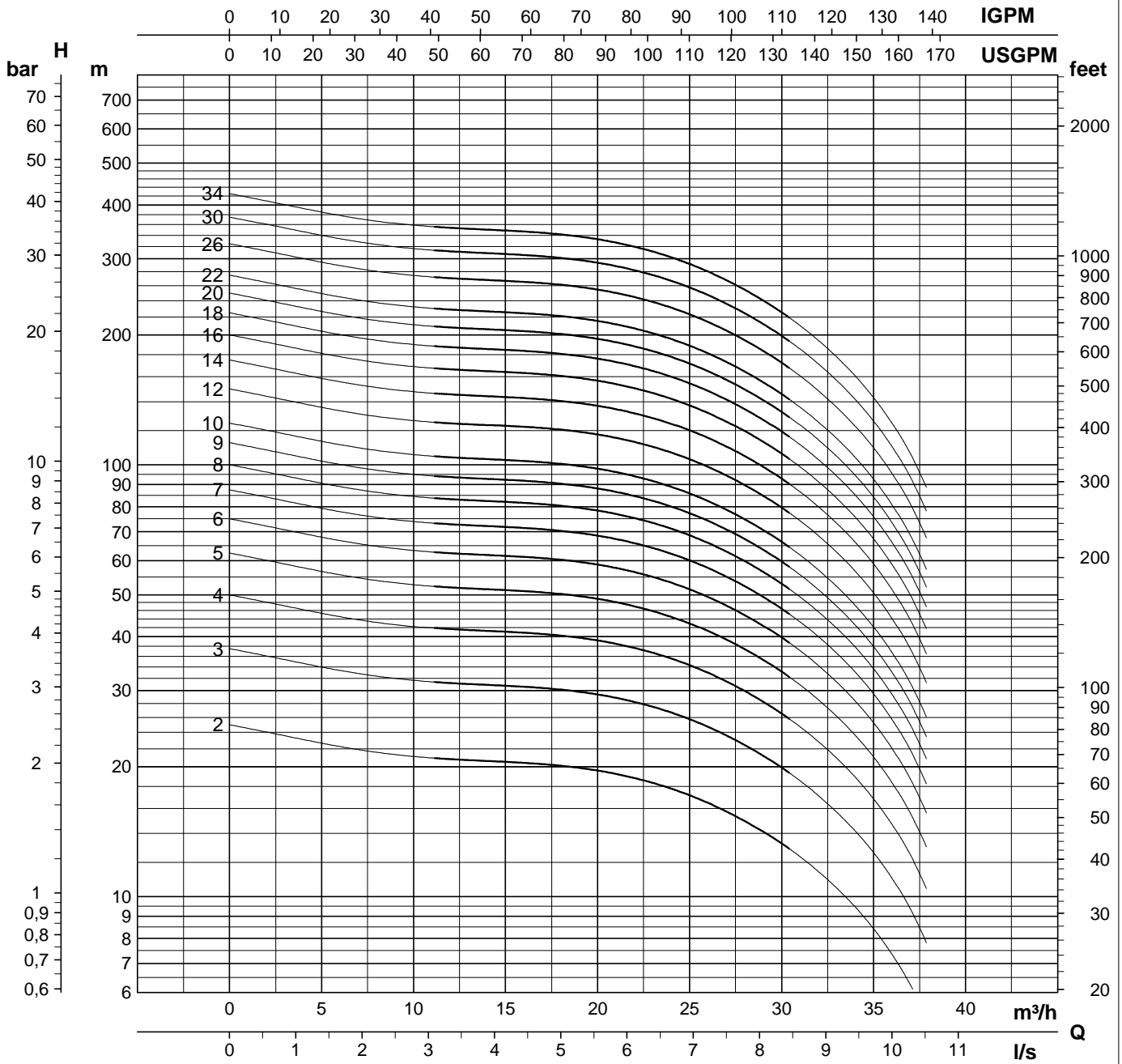
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
	G2½, 2½"NPT			151	147		v
		G2½, 2½"NPT		151	147		h+v
1		DN65; PN16	61	202	198	3,5	h+v
1		DN65; PN25, 40	67	202	198	4,5	h+v
	G3, 3"NPT			151	147		v
		G3, 3"NPT		151	147		h+v
1		DN80; PN16...40	80	217	213	5,8	h+v
				1)	1)		

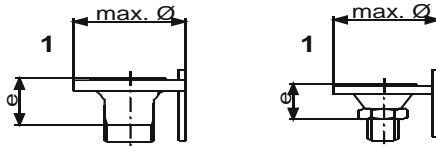
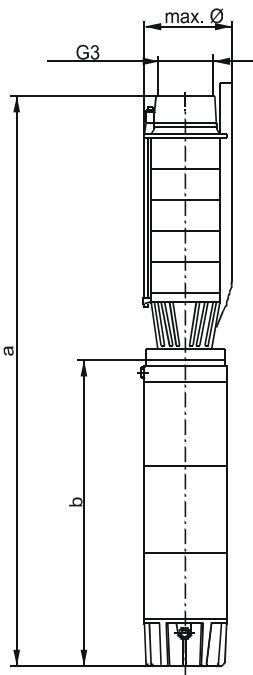


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Aggregat / Unit								Motorleitung Motor leads	
			Motor	max. Ø 400 V		Länge / Length		Gew. Weight kg	Installation	Motorleitung	Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	direkt mm	YΔ mm	a mm			b mm		
	NB65-21 + M6-340-2	M6-340-2	15	32	148	147	2095	735	89	h+v	1FI 4x4	2FI 3/4x2,5
	NB65-22 + M6-340-2	M6-340-2	15	32	148	147	2145	735	90	h+v	1FI 4x4	2FI 3/4x2,5
	NB65-23 + M6-400-2	M6-400-2	18,5	39	148	147	2260	795	98	h+v	1FI 4x4	2FI 3/4x2,5
24	NB65-24 + M6-400-2	M6-400-2	18,5	39	148	147	2315	795	99	h+v	1FI 4x4	2FI 3/4x2,5
	NB65-25 + M6-400-2	M6-400-2	18,5	39	148	147	2370	795	100	h+v	1FI 4x4	2FI 3/4x2,5
	NB65-26 + M6-400-2	M6-400-2	18,5	39	148	147	2425	795	101	h+v	1FI 4x4	2FI 3/4x2,5
	NB65-27 + M6-400-2	M6-400-2	18,5	39	148	147	2475	795	103	h+v	1FI 4x4	2FI 3/4x2,5
28	NB65-28 + M6-460-2	M6-460-2	22	46,5	149	147	2615	875	111	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-29 + M6-460-2	M6-460-2	22	46,5	149	147	2665	875	112	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-30 + M6-460-2	M6-460-2	22	46,5	149	147	2720	875	113	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-31 + M6-460-2	M6-460-2	22	46,5	149	147	2775	875	114	h+v	1FI 4x6	2FI 3/4x2,5
32	NB65-32 + M6-460-2	M6-460-2	22	46,5	149	147	2830	875	116	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-33 + M6-460-2	M6-460-2	22	46,5	149	147	2885	875	117	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-34 + M6-530-2	M6-530-2	26	54	149	147	3005	945	126	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-35 + M6-530-2	M6-530-2	26	54	149	147	3060	945	127	h+v	1FI 4x6	2FI 3/4x2,5
36	NB65-36 + M6-530-2	M6-530-2	26	54	149	147	3115	945	128	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-37 + M6-530-2	M6-530-2	26	54	149	147	3170	945	129	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-38 + M6-530-2	M6-530-2	26	54	149	147	3225	945	131	h+v	1FI 4x6	2FI 3/4x2,5
	NB65-39 + M6-530-2	M6-530-2	26	54	149	147	3275	945	132	h+v	1FI 4x6	2FI 3/4x2,5
40	NB65-40 + M6-600-2	M6-600-2	30	62	153	148	3400	1015	141	h+v	1FI 4x10	2FI 3/4x4

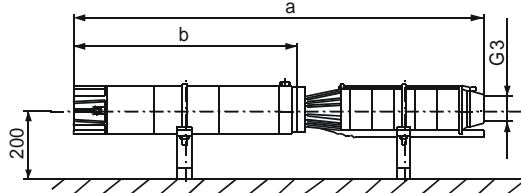
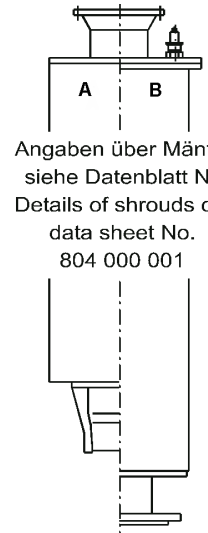
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6





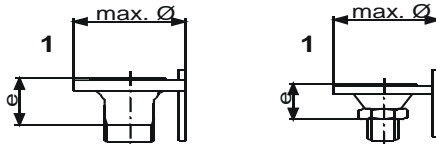
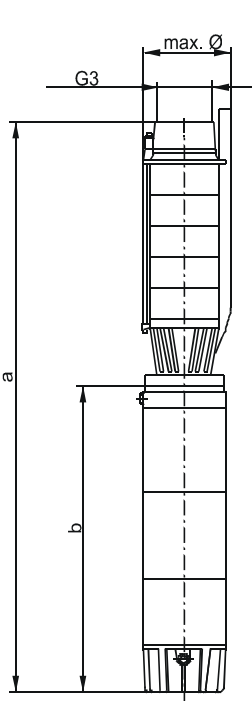
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G3, 3"NPT	G3, 3"NPT		direkt mm	YΔ mm		
1		DN80; PN16...40	80	213	212	5,8	h+v
				1)	1)		



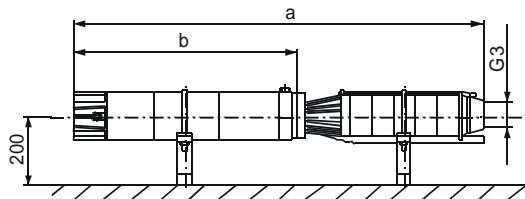
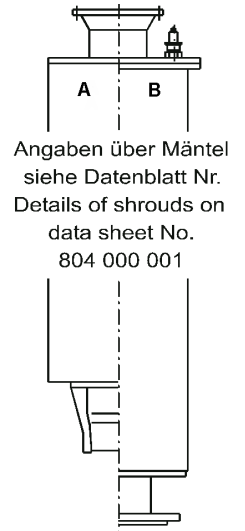
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB66- 2 + M4-23-2	2)	2,2	5,6	145		695	355	21	h+v	1FI 4x1,5	
3	NB66- 3 + M4-27-2	2)	3	7,4	145		815	425	25	h+v	1FI 4x1,5	
4	NB66- 4 + M4-37-2	2)	4	9,4	145		1030	585	32	h+v	1FI 4x1,5	
4	NB66- 4 +	M6-200-2	7,5	17,2	147	147	1035	595	53	h+v		2FI 3/4x2,5
5	NB66- 5 + M4-46-2	2)	5,5	13,1	145		1195	695	38	h+v	1FI 4x1,5	
5	NB66- 5 +	M6-200-2	7,5	17,2	147	147	1090	595	55	h+v		2FI 3/4x2,5
6	NB66- 6 + M6-200-2	M6-200-2	7,5	17,2	147	147	1145	595	56	h+v	1FI 4x2,5	2FI 3/4x2,5
7	NB66- 7 + M6-200-2	M6-200-2	7,5	17,2	147	147	1195	595	57	h+v	1FI 4x2,5	2FI 3/4x2,5
8	NB66- 8 + M6-200-2	M6-200-2	7,5	17,2	147	147	1250	595	58	h+v	1FI 4x2,5	2FI 3/4x2,5
9	NB66- 9 + M6-240-2	M6-240-2	9,2	20,5	147	147	1345	635	63	h+v	1FI 4x2,5	2FI 3/4x2,5
10	NB66-10 + M6-270-2	M6-270-2	11	24	147	147	1430	665	68	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB66-11 + M6-270-2	M6-270-2	11	24	147	147	1485	665	69	h+v	1FI 4x2,5	2FI 3/4x2,5
12	NB66-12 + M6-305-2	M6-305-2	13	28,5	147	147	1570	700	74	h+v	1FI 4x2,5	2FI 3/4x2,5
	NB66-13 + M6-305-2	M6-305-2	13	28,5	147	147	1625	700	75	h+v	1FI 4x2,5	2FI 3/4x2,5
14	NB66-14 + M6-340-2	M6-340-2	15	32	148	147	1715	735	80	h+v	1FI 4x4	2FI 3/4x2,5
	NB66-15 + M6-340-2	M6-340-2	15	32	148	147	1770	735	81	h+v	1FI 4x4	2FI 3/4x2,5
16	NB66-16 + M6-340-2	M6-340-2	15	32	148	147	1825	735	83	h+v	1FI 4x4	2FI 3/4x2,5
	NB66-17 + M6-400-2	M6-400-2	18,5	39	148	147	1935	795	91	h+v	1FI 4x4	2FI 3/4x2,5
18	NB66-18 + M6-400-2	M6-400-2	18,5	39	148	147	1990	795	92	h+v	1FI 4x4	2FI 3/4x2,5
	NB66-19 + M6-400-2	M6-400-2	18,5	39	148	147	2045	795	93	h+v	1FI 4x4	2FI 3/4x2,5
20	NB66-20 + M6-460-2	M6-460-2	22	46,5	149	147	2180	875	101	h+v	1FI 4x6	2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
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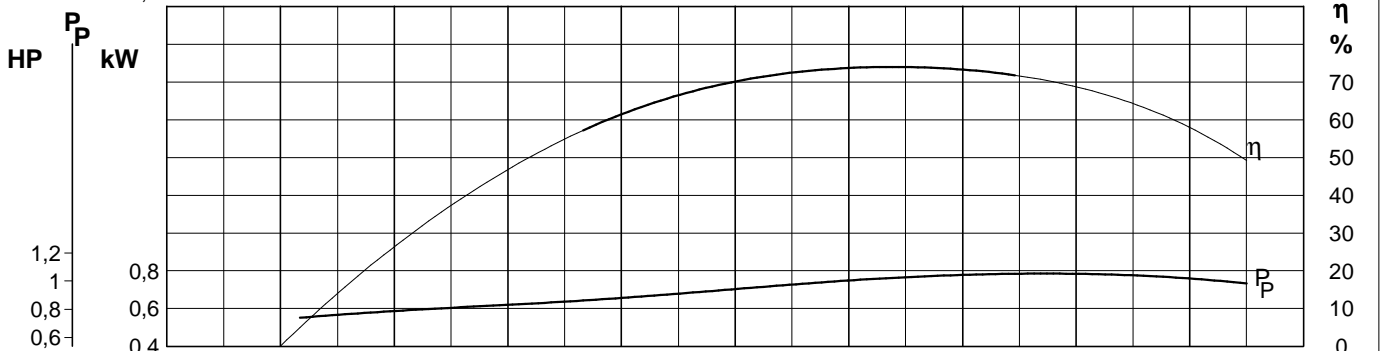
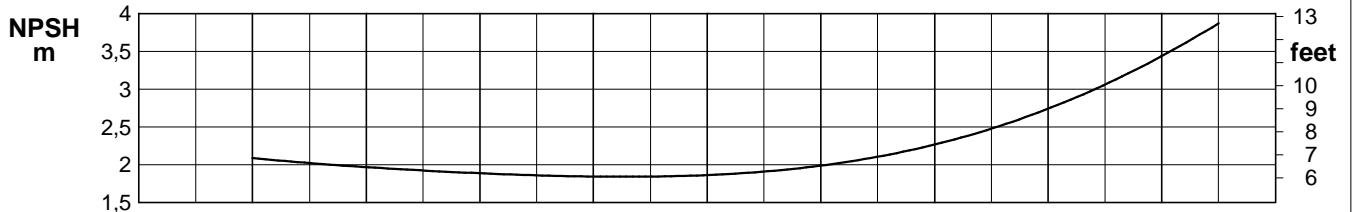
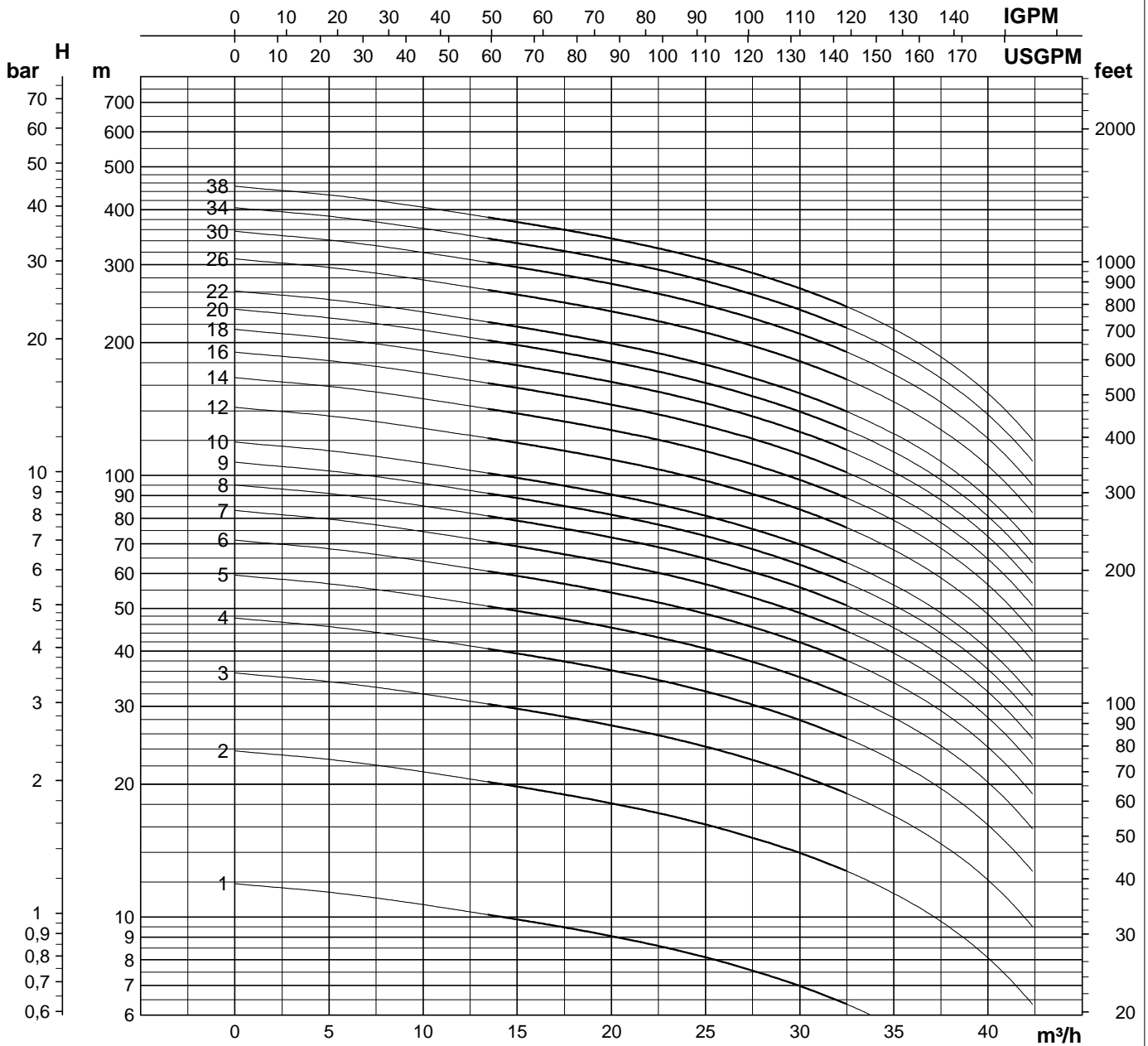
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G3, 3"NPT	G3, 3"NPT		direkt mm	YΔ mm		
				151	147		v
				151	147		h+v
1		DN80; PN16...40	80	217	213	5,8	h+v
				1)	1)		

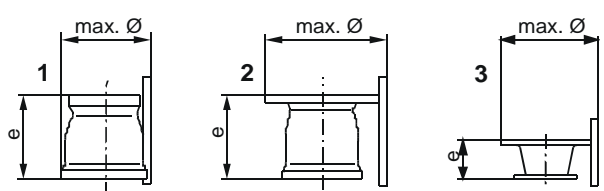
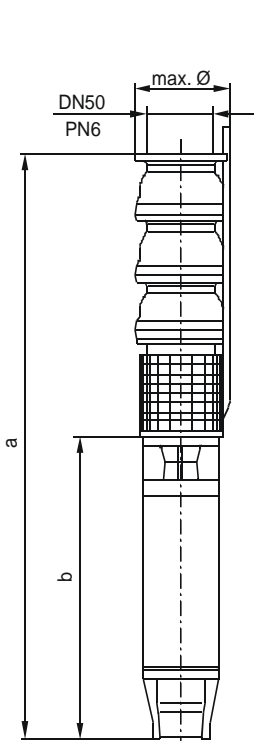


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
	NB66-21 + M6-460-2	M6-460-2	22	46,5	149	147	2235	875	103	h+v	1FI 4x6	2FI 3/4x2,5
22	NB66-22 + M6-460-2	M6-460-2	22	46,5	149	147	2290	875	104	h+v	1FI 4x6	2FI 3/4x2,5
	NB66-23 + M6-460-2	M6-460-2	22	46,5	149	147	2345	875	105	h+v	1FI 4x6	2FI 3/4x2,5
	NB66-24 + M6-530-2	M6-530-2	26	54	149	147	2465	945	114	h+v	1FI 4x6	2FI 3/4x2,5
	NB66-25 + M6-530-2	M6-530-2	26	54	149	147	2520	945	115	h+v	1FI 4x6	2FI 3/4x2,5
26	NB66-26 + M6-530-2	M6-530-2	26	54	149	147	2575	945	116	h+v	1FI 4x6	2FI 3/4x2,5
	NB66-27 + M6-530-2	M6-530-2	26	54	149	147	2630	945	118	h+v	1FI 4x6	2FI 3/4x2,5
	NB66-28 + M6-600-2	M6-600-2	30	62	153	148	2755	1015	127	h+v	1FI 4x10	2FI 3/4x4
	NB66-29 + M6-600-2	M6-600-2	30	62	153	148	2805	1015	128	h+v	1FI 4x10	2FI 3/4x4
30	NB66-30 + M6-600-2	M6-600-2	30	62	153	148	2860	1015	129	h+v	1FI 4x10	2FI 3/4x4
	NB66-31 + M6-600-2	M6-600-2	30	62	153	148	2915	1015	130	h+v	1FI 4x10	2FI 3/4x4
	NB66-32 + M6-600-2	M6-600-2	30	62	153	148	2970	1015	132	h+v	1FI 4x10	2FI 3/4x4
	NB66-33 + M6-650-2	M6-650-2	33	68	153	148	3075	1065	139	h+v	1FI 4x10	2FI 3/4x4
34	NB66-34 + M6-650-2	M6-650-2	33	68	153	148	3125	1065	140	h+v	1FI 4x10	2FI 3/4x4

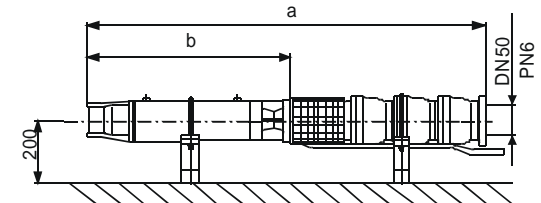
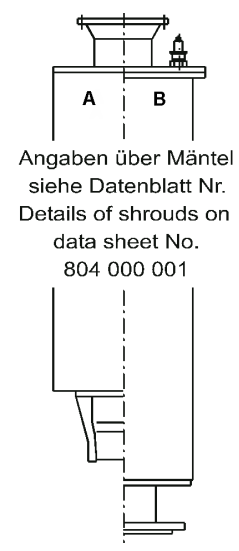
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Max. diameter incl. largest motor leads of the motor M6





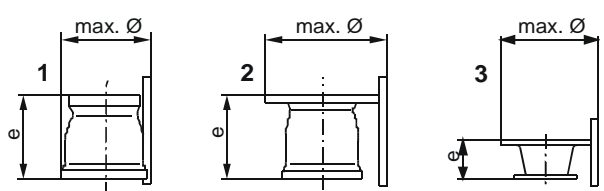
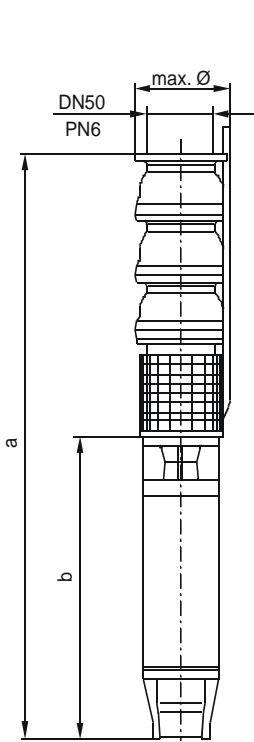
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
1	G3, 3"NPT		175	139	138	7,2	v
1		G3, 3"NPT	123	139	138	4,5	h+v
3		DN80; PN10, 16	26	200	200	4,2	h+v
2	G3, 3"NPT	1) DN80; PN10, 16	259	200	200	13	v
3		DN80; PN25, 40	26	200	200	5,2	h+v
2	G3, 3"NPT	1) DN80; PN25, 40	259	200	200	14	v
				2)	2)		



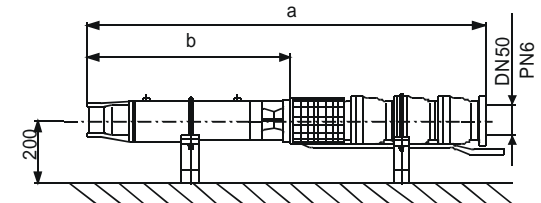
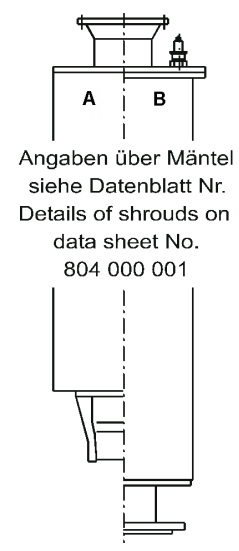
Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
1	PN63- 1 + M4-16-2	3)	1,1	3,1	141		570	300	21	h+v	1FI 4x1,5	
2	PN63- 2 + M4-23-2	3)	2,2	5,6	141		715	355	28	h+v	1FI 4x1,5	
3	PN63- 3 + M4-27-2	3)	3	7,4	141		875	425	35	h+v	1FI 4x1,5	
4	PN63- 4 + M4-30-2	3)	3,7	8,7	141		1085	545	44	h+v	1FI 4x1,5	
5	PN63- 5 + M4-46-2	3)	5,5	13,1	141		1325	695	54	h+v	1FI 4x1,5	
5	PN63- 5 +	M6-200-2	7,5	17,2	147		1215	595	69	h+v		2FI 3/4x2,5
6	PN63- 6 + M4-46-2	3)	5,5	13,1	141		1415	695	58	h+v	1FI 4x1,5	
6	PN63- 6 +	M6-200-2	7,5	17,2	147		1305	595	73	h+v		2FI 3/4x2,5
7	PN63- 7 + M6-200-2	M6-200-2	7,5	17,2	147	147	1395	595	77	h+v	1FI 4x2,5	2FI 3/4x2,5
8	PN63- 8 + M6-200-2	M6-200-2	7,5	17,2	147	147	1485	595	81	h+v	1FI 4x2,5	2FI 3/4x2,5
9	PN63- 9 + M6-200-2	M6-200-2	7,5	17,2	147	147	1575	595	85	h+v	1FI 4x2,5	2FI 3/4x2,5
10	PN63-10 + M6-240-2	M6-240-2	9,2	20,5	147	147	1705	635	94	h+v	1FI 4x2,5	2FI 3/4x2,5
	PN63-11 + M6-240-2	M6-240-2	9,2	20,5	147	147	1795	635	98	h+v	1FI 4x2,5	2FI 3/4x2,5
12	PN63-12 + M6-270-2	M6-270-2	11	24	147	147	1915	665	105	h+v	1FI 4x2,5	2FI 3/4x2,5
	PN63-13 + M6-270-2	M6-270-2	11	24	147	147	2005	665	109	h+v	1FI 4x2,5	2FI 3/4x2,5
14	PN63-14 + M6-305-2	M6-305-2	13	28,5	147	147	2130	700	117	h+v	1FI 4x2,5	2FI 3/4x2,5
	PN63-15 + M6-305-2	M6-305-2	13	28,5	147	147	2220	700	121	h+v	1FI 4x2,5	2FI 3/4x2,5
16	PN63-16 + M6-340-2	M6-340-2	15	32	148	147	2345	735	129	h+v	1FI 4x4	2FI 3/4x2,5
	PN63-17 + M6-340-2	M6-340-2	15	32	148	147	2435	735	133	h+v	1FI 4x4	2FI 3/4x2,5
18	PN63-18 + M6-340-2	M6-340-2	15	32	148	147	2525	735	137	h+v	1FI 4x4	2FI 3/4x2,5
	PN63-19 + M6-400-2	M6-400-2	18,5	39	148	147	2675	795	148	h+v	1FI 4x4	2FI 3/4x2,5
20	PN63-20 + M6-400-2	M6-400-2	18,5	39	148	147	2765	795	153	h+v	1FI 4x4	2FI 3/4x2,5

Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß DN80= RV G3, 3"NPT + Doppelnippel + Gewindeflansch
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping connection DN80= NRV G3, 3"NPT + double nipple + threaded flange
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only



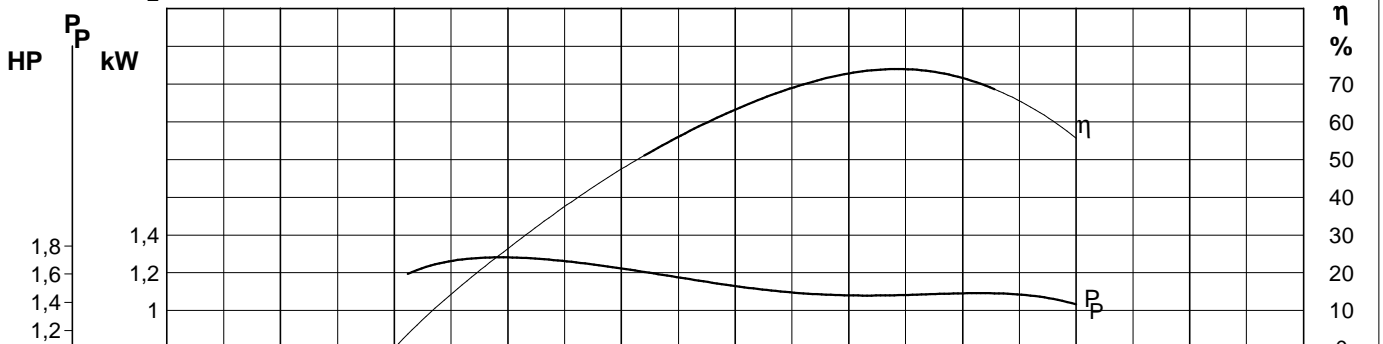
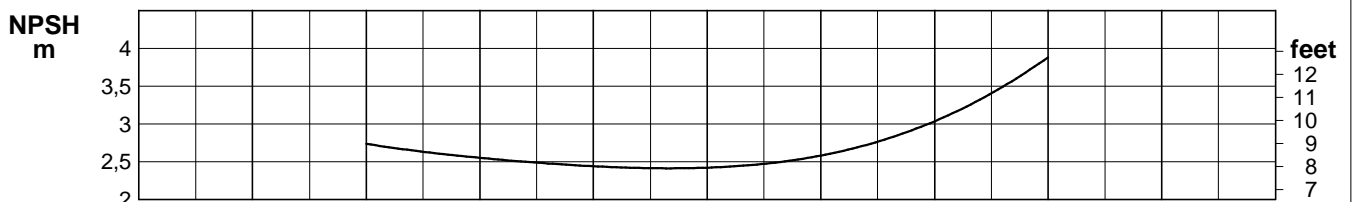
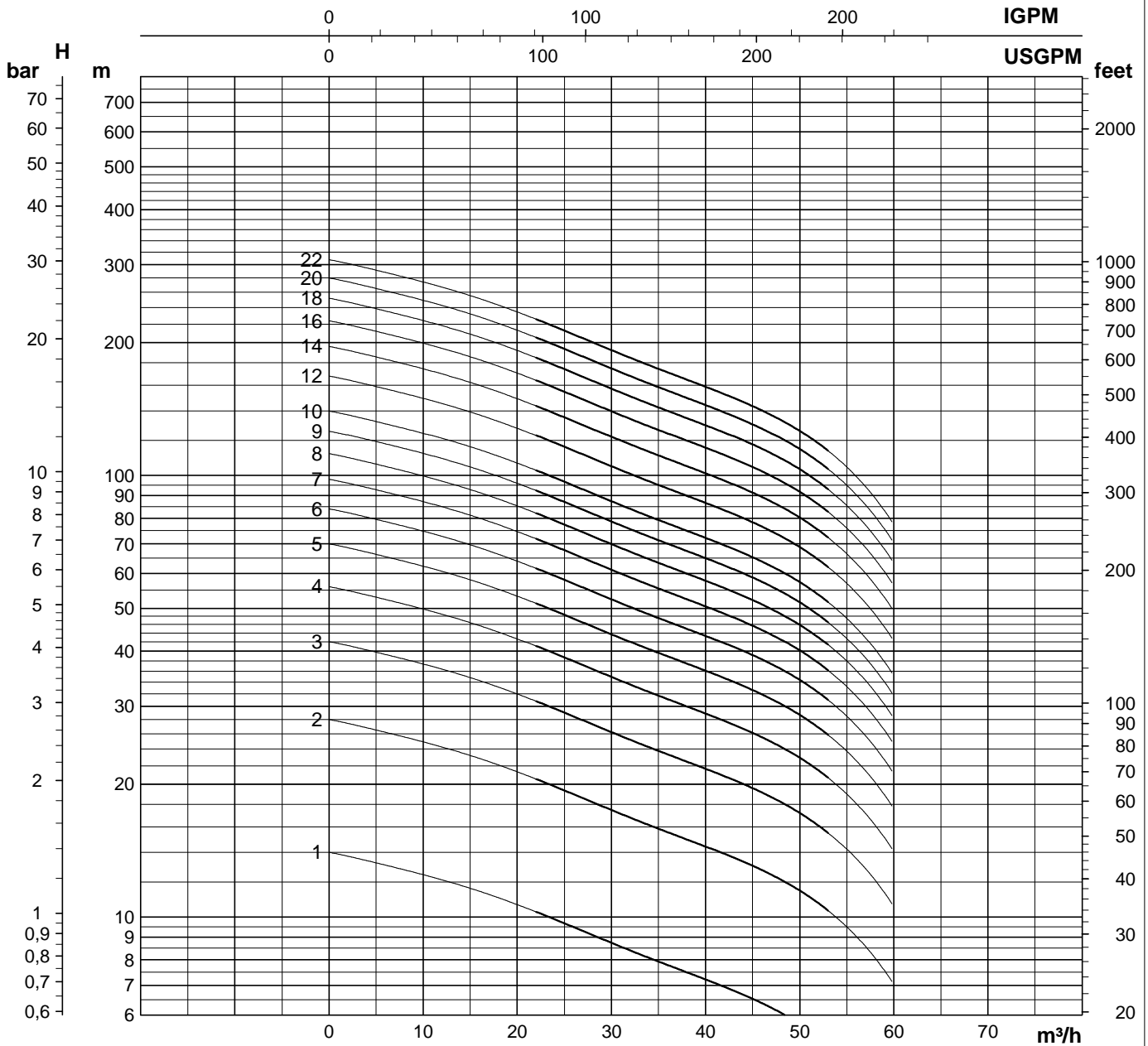
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
1	G3, 3"NPT		175	144	139	7,2	v
1		G3, 3"NPT	123	144	139	4,5	h+v
3		DN80; PN10, 16	26	205	200	4,2	h+v
2	G3, 3"NPT	1) DN80; PN10, 16	259	205	200	13	v
3		DN80; PN25, 40	26	205	200	5,2	h+v
2	G3, 3"NPT	1) DN80; PN25, 40	259	205	200	14	v
				2)	2)		

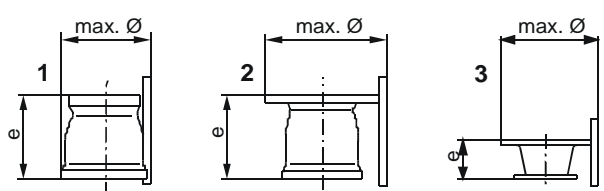
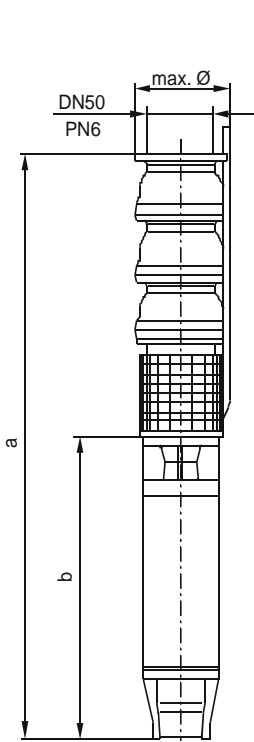


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Aggregat / Unit								Motorleitung Motor leads			
			direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V		Länge / Length		Gew. Weight kg	Installation	direkt d.o.l.	YΔ star-delta
	PN63-21 + M6-400-2	M6-400-2			18,5	39	148	147	2855	795	157	h+v	1FI 4x4	2FI 3/4x2,5
22	PN63-22 + M6-400-2	M6-400-2			18,5	39	148	147	2945	795	161	h+v	1FI 4x4	2FI 3/4x2,5
	PN63-23 + M6-460-2	M6-460-2			22	46,5	149	147	3120	875	172	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-24 + M6-460-2	M6-460-2			22	46,5	149	147	3210	875	176	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-25 + M6-460-2	M6-460-2			22	46,5	149	147	3300	875	180	h+v	1FI 4x6	2FI 3/4x2,5
26	PN63-26 + M6-460-2	M6-460-2			22	46,5	149	147	3390	875	184	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-27 + M6-530-2	M6-530-2			26	54	149	147	3550	945	196	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-28 + M6-530-2	M6-530-2			26	54	149	147	3640	945	200	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-29 + M6-530-2	M6-530-2			26	54	149	147	3730	945	204	h+v	1FI 4x6	2FI 3/4x2,5
30	PN63-30 + M6-530-2	M6-530-2			26	54	149	147	3820	945	209	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-31 + M6-530-2	M6-530-2			26	54	149	147	3910	945	213	h+v	1FI 4x6	2FI 3/4x2,5
	PN63-32 + M6-600-2	M6-600-2			30	62	153	148	4070	1015	225	h+v	1FI 4x10	2FI 3/4x4
	PN63-33 + M6-600-2	M6-600-2			30	62	153	148	4160	1015	229	h+v	1FI 4x10	2FI 3/4x4
34	PN63-34 + M6-600-2	M6-600-2			30	62	153	148	4250	1015	233	h+v	1FI 4x10	2FI 3/4x4
	PN63-35 + M6-600-2	M6-600-2			30	62	153	148	4340	1015	237	h+v	1FI 4x10	2FI 3/4x4
	PN63-36 + M6-600-2	M6-600-2			30	62	153	148	4430	1015	241	h+v	1FI 4x10	2FI 3/4x4
	PN63-37 + M6-650-2	M6-650-2			33	68	153	148	4570	1065	251	h+v	1FI 4x10	2FI 3/4x4
38	PN63-38 + M6-650-2	M6-650-2			33	68	153	148	4660	1065	255	h+v	1FI 4x10	2FI 3/4x4

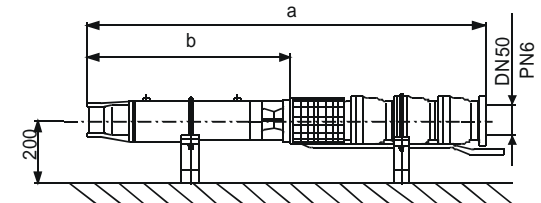
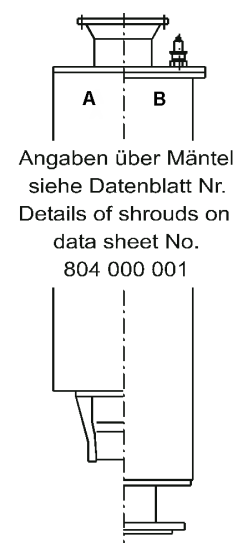
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß DN80= RV G3, 3"NPT + Doppelnippel + Gewindeflansch
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping connection DN80= NRV G3, 3"NPT + double nipple + threaded flange
 Max. diameter incl. largest motor leads of the motor M6





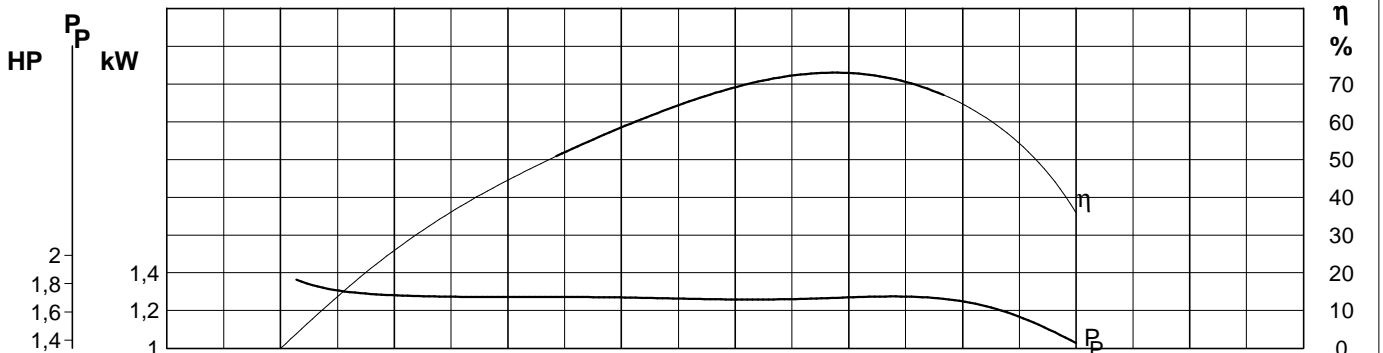
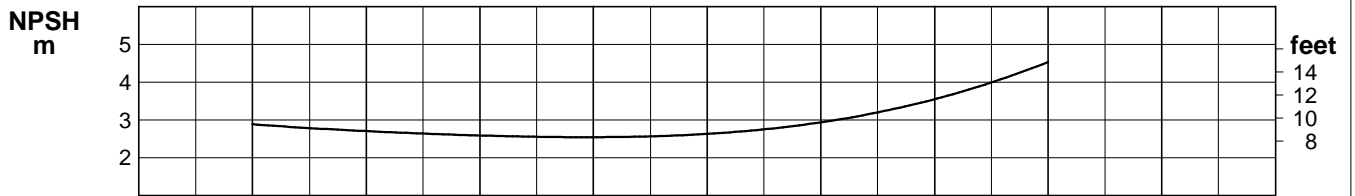
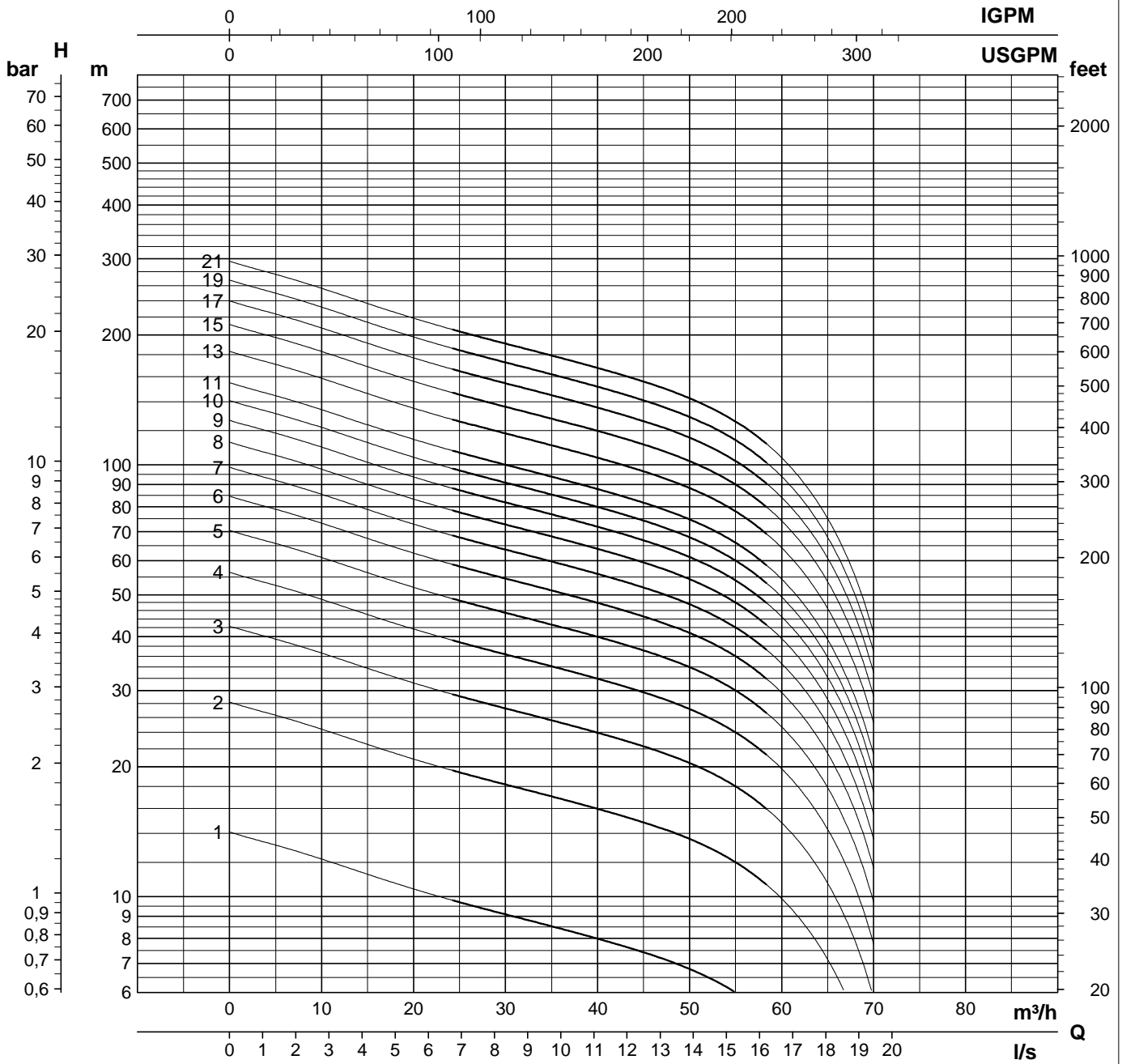
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G3, 3"NPT		179	144	139	7,2	v
1		G3, 3"NPT	123	144	139	4,5	h+v
3		DN80; PN10, 16	26	205	200	4,2	h+v
2	G3, 3"NPT	1) DN80; PN10, 16	259	205	200	13	v
3		DN80; PN40	26	205	200	5,2	h+v
3		DN100; PN10,16	29	225	220	5,9	h+v
2	G3, 3"NPT	1) DN100; PN10,16	264	225	220	14	v
3		DN100; PN40	45	240	235	7,8	h+v

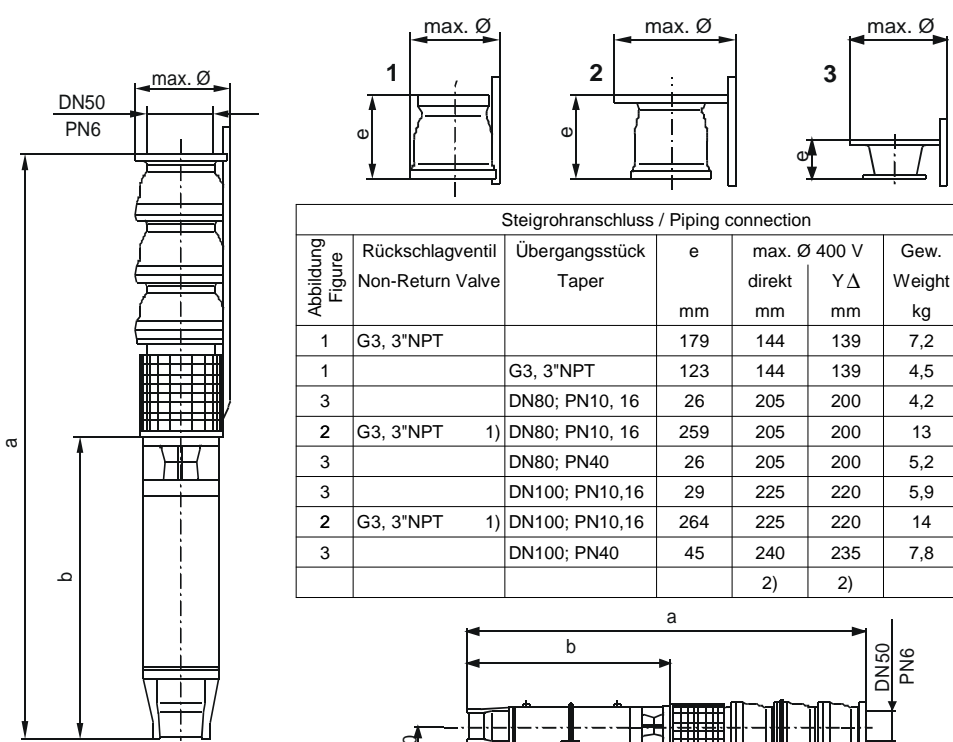


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
1	QN63- 1 + M4-19-2	3)	1,5	3,9	141		605	325	26	h+v	1FI 4x1,5	
2	QN63- 2 + M4-27-2	3)	3	7,4	141		790	425	33	h+v	1FI 4x1,5	
3	QN63- 3 + M4-46-2	3)	5,5	13,1	141		1155	695	48	h+v	1FI 4x1,5	
3	QN63- 3 +	M6-200-2	7,5	17,2		147	1040	595	63	h+v		2FI 3/4x2,5
4	QN63- 4 + M6-200-2	M6-200-2	7,5	17,2	147	147	1130	595	67	h+v	1FI 4x2,5	2FI 3/4x2,5
5	QN63- 5 + M6-200-2	M6-200-2	7,5	17,2	147	147	1220	595	70	h+v	1FI 4x2,5	2FI 3/4x2,5
6	QN63- 6 + M6-240-2	M6-240-2	9,2	20,5	147	147	1350	635	78	h+v	1FI 4x2,5	2FI 3/4x2,5
7	QN63- 7 + M6-270-2	M6-270-2	11	24	147	147	1470	665	85	h+v	1FI 4x2,5	2FI 3/4x2,5
8	QN63- 8 + M6-305-2	M6-305-2	13	28,5	147	147	1595	700	92	h+v	1FI 4x2,5	2FI 3/4x2,5
9	QN63- 9 + M6-305-2	M6-305-2	13	28,5	147	147	1685	700	96	h+v	1FI 4x2,5	2FI 3/4x2,5
10	QN63-10 + M6-340-2	M6-340-2	15	32	148	147	1810	735	103	h+v	1FI 4x4	2FI 3/4x2,5
	QN63-11 + M6-400-2	M6-400-2	18,5	39	148	147	1960	795	114	h+v	1FI 4x4	2FI 3/4x2,5
12	QN63-12 + M6-400-2	M6-400-2	18,5	39	148	147	2050	795	118	h+v	1FI 4x4	2FI 3/4x2,5
	QN63-13 + M6-460-2	M6-460-2	22	46,5	149	147	2225	875	128	h+v	1FI 4x6	2FI 3/4x2,5
14	QN63-14 + M6-460-2	M6-460-2	22	46,5	149	147	2315	875	132	h+v	1FI 4x6	2FI 3/4x2,5
	QN63-15 + M6-460-2	M6-460-2	22	46,5	149	147	2405	875	136	h+v	1FI 4x6	2FI 3/4x2,5
16	QN63-16 + M6-530-2	M6-530-2	26	54	149	147	2565	945	147	h+v	1FI 4x6	2FI 3/4x2,5
	QN63-17 + M6-530-2	M6-530-2	26	54	149	147	2655	945	151	h+v	1FI 4x6	2FI 3/4x2,5
18	QN63-18 + M6-530-2	M6-530-2	26	54	149	147	2745	945	154	h+v	1FI 4x6	2FI 3/4x2,5
	QN63-19 + M6-600-2	M6-600-2	30	62	153	148	2905	1015	166	h+v	1FI 4x10	2FI 3/4x4
20	QN63-20 + M6-600-2	M6-600-2	30	62	153	148	2995	1015	170	h+v	1FI 4x10	2FI 3/4x4
	QN63-21 + M6-650-2	M6-650-2	33	68	153	148	3135	1065	179	h+v	1FI 4x10	2FI 3/4x4
22	QN63-22 + M6-650-2	M6-650-2	33	68	153	148	3225	1065	183	h+v	1FI 4x10	2FI 3/4x4

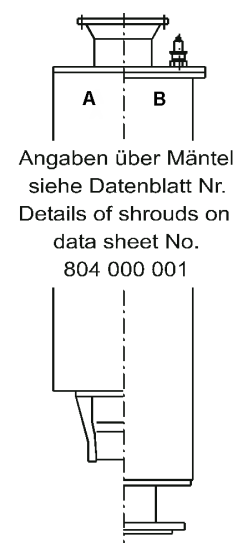
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluss DN80, DN100= RV G3, 3"NPT + Doppelnippel + Gewindeflansch
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping conn. DN80, DN100= NRV G3, 3"NPT + double nipple + thread. flange
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only





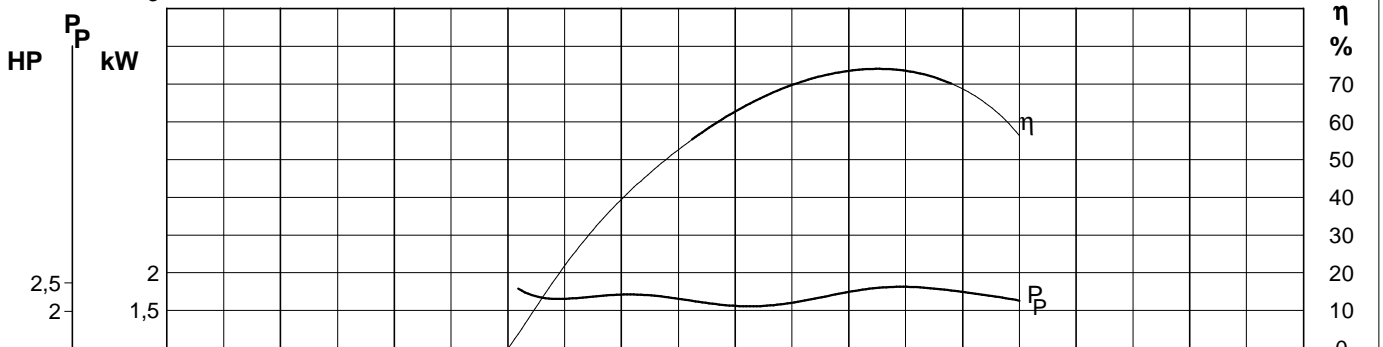
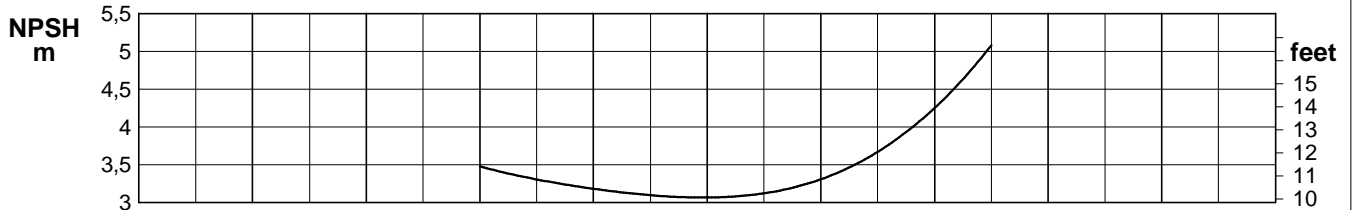
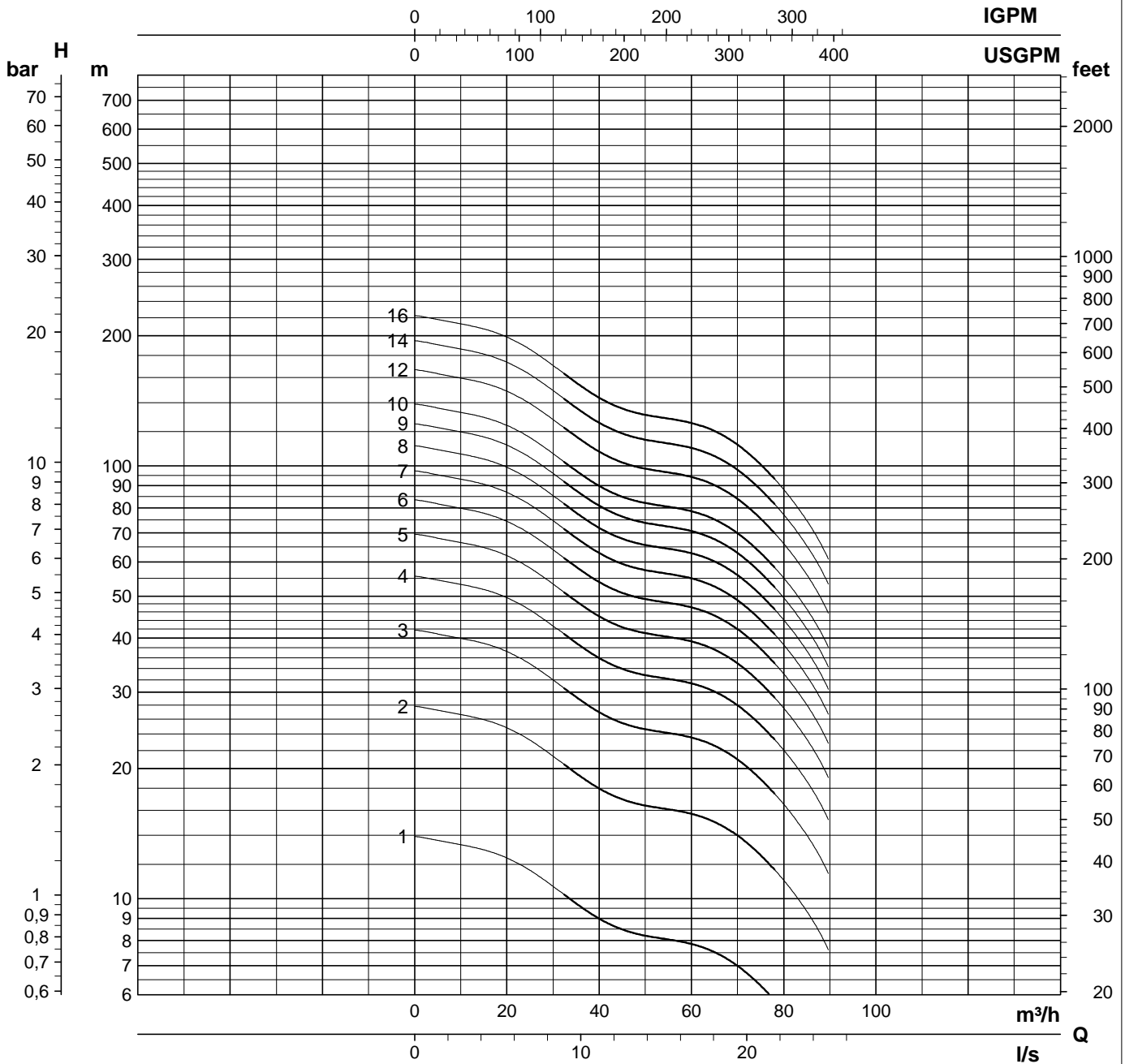
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
1	G3, 3"NPT		179	144	139	7,2	v
1		G3, 3"NPT	123	144	139	4,5	h+v
3		DN80; PN10, 16	26	205	200	4,2	h+v
2	G3, 3"NPT	1) DN80; PN10, 16	259	205	200	13	v
3		DN80; PN40	26	205	200	5,2	h+v
3		DN100; PN10,16	29	225	220	5,9	h+v
2	G3, 3"NPT	1) DN100; PN10,16	264	225	220	14	v
3		DN100; PN40	45	240	235	7,8	h+v

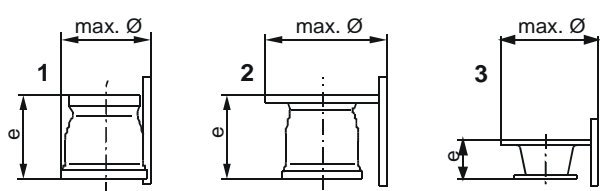
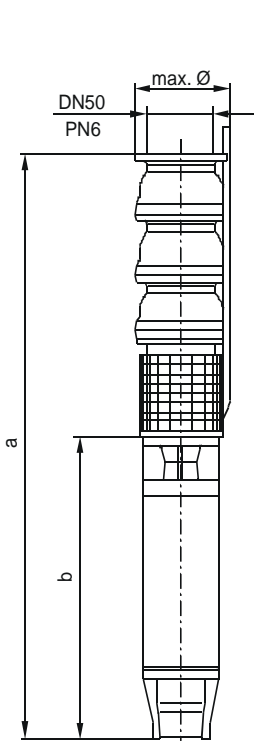


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Aggregat / Unit							Motorleitung Motor leads		
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V		Länge / Length		Gew. Weight kg	Installation	direkt d.o.l.	YΔ star-delta
1	QN64- 1 + M4-19-2	3)	1,5	3,9	141		605	325	26	h+v	1FI 4x1,5	
2	QN64- 2 + M4-27-2	3)	3	7,4	141		790	425	33	h+v	1FI 4x1,5	
3	QN64- 3 + M4-46-2	3)	5,5	13,1	141		1155	695	48	h+v	1FI 4x1,5	
3	QN64- 3 +	M6-200-2	7,5	17,2		147	1040	595	63	h+v		2FI 3/4x2,5
4	QN64- 4 + M6-200-2	M6-200-2	7,5	17,2	147	147	1130	595	67	h+v	1FI 4x2,5	2FI 3/4x2,5
5	QN64- 5 + M6-200-2	M6-200-2	7,5	17,2	147	147	1220	595	70	h+v	1FI 4x2,5	2FI 3/4x2,5
6	QN64- 6 + M6-240-2	M6-240-2	9,2	20,5	147	147	1350	635	78	h+v	1FI 4x2,5	2FI 3/4x2,5
7	QN64- 7 + M6-270-2	M6-270-2	11	24	147	147	1470	665	85	h+v	1FI 4x2,5	2FI 3/4x2,5
8	QN64- 8 + M6-305-2	M6-305-2	13	28,5	147	147	1595	700	92	h+v	1FI 4x2,5	2FI 3/4x2,5
9	QN64- 9 + M6-340-2	M6-340-2	15	32	148	147	1720	735	100	h+v	1FI 4x4	2FI 3/4x2,5
10	QN64-10 + M6-340-2	M6-340-2	15	32	148	147	1810	735	103	h+v	1FI 4x4	2FI 3/4x2,5
11	QN64-11 + M6-400-2	M6-400-2	18,5	39	148	147	1960	795	114	h+v	1FI 4x4	2FI 3/4x2,5
	QN64-12 + M6-400-2	M6-400-2	18,5	39	148	147	2050	795	118	h+v	1FI 4x4	2FI 3/4x2,5
13	QN64-13 + M6-460-2	M6-460-2	22	46,5	149	147	2225	875	128	h+v	1FI 4x6	2FI 3/4x2,5
	QN64-14 + M6-460-2	M6-460-2	22	46,5	149	147	2315	875	132	h+v	1FI 4x6	2FI 3/4x2,5
15	QN64-15 + M6-530-2	M6-530-2	26	54	149	147	2475	945	144	h+v	1FI 4x6	2FI 3/4x2,5
	QN64-16 + M6-530-2	M6-530-2	26	54	149	147	2565	945	147	h+v	1FI 4x6	2FI 3/4x2,5
17	QN64-17 + M6-530-2	M6-530-2	26	54	149	147	2655	945	151	h+v	1FI 4x6	2FI 3/4x2,5
	QN64-18 + M6-600-2	M6-600-2	30	62	153	148	2815	1015	162	h+v	1FI 4x10	2FI 3/4x4
19	QN64-19 + M6-600-2	M6-600-2	30	62	153	148	2905	1015	166	h+v	1FI 4x10	2FI 3/4x4
	QN64-20 + M6-600-2	M6-600-2	30	62	153	148	2995	1015	170	h+v	1FI 4x10	2FI 3/4x4
21	QN64-21 + M6-650-2	M6-650-2	33	68	153	148	3135	1065	179	h+v	1FI 4x10	2FI 3/4x4

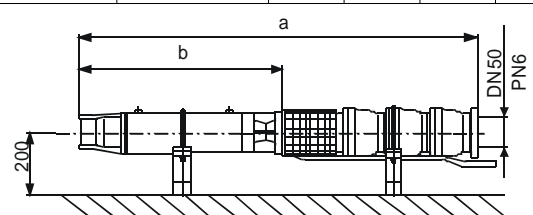
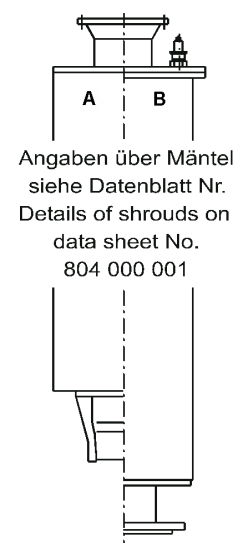
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß DN80, DN100= RV G3, 3"NPT + Doppelnippel + Gewindeflansch
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping conn. DN80, DN100= NRV G3, 3"NPT + double nipple + thread. flange
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only





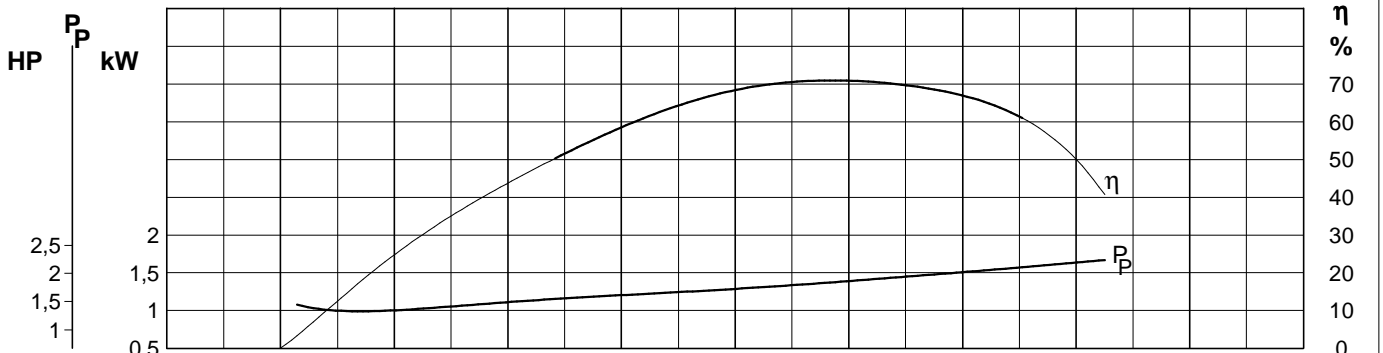
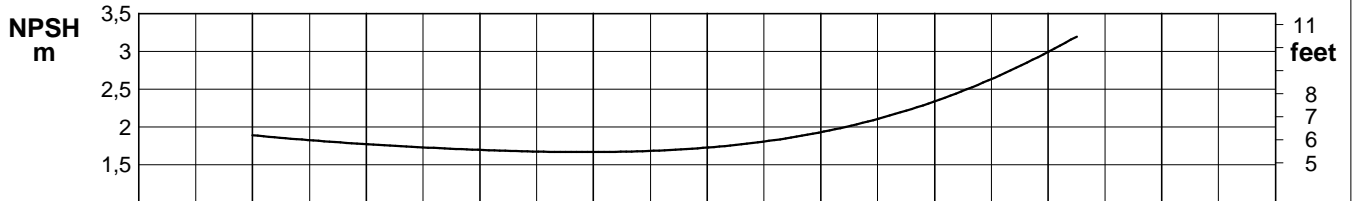
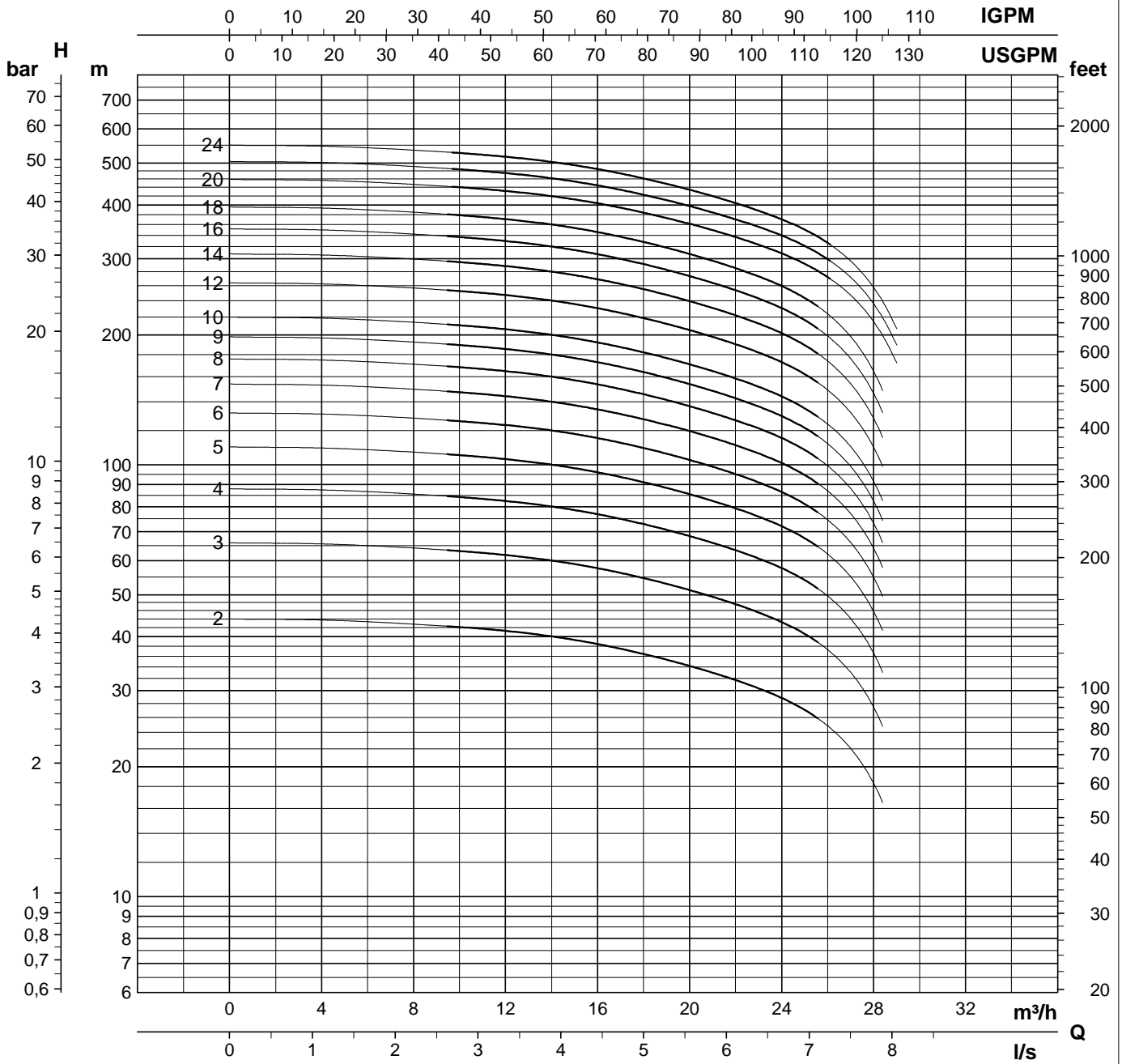
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
1	G3, 3"NPT		179	144	139	7,2	v
1		G3, 3"NPT	123	144	139	4,5	h+v
3		DN80; PN10, 16	26	205	200	4,2	h+v
2	G3, 3"NPT	1) DN80; PN10, 16	259	205	200	13	v
3		DN80; PN40	26	205	200	5,2	h+v
3		DN100; PN10,16	29	225	220	5,9	h+v
2	G3, 3"NPT	1) DN100; PN10,16	264	225	220	14	v
3		DN100; PN40	45	240	235	7,8	h+v

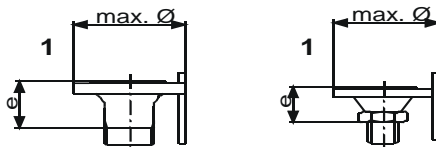
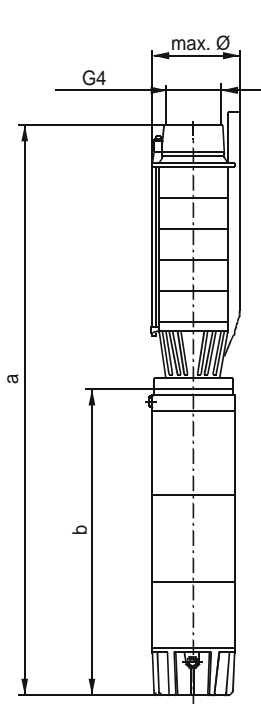


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Aggregat / Unit						Motorleitung Motor leads				
			YΔ star-delta	P kW	I 400 V A	max. Ø 400 V		Länge / Length		Gew. Weight kg	Installation	direkt d.o.l.	YΔ star-delta
	direkt d.o.l.				direkt mm	YΔ mm	a mm	b mm					
1	QN65- 1 + M4-23-2	3)	2,2	5,6	141		635	355	27	h+v		1FI 4x1,5	
2	QN65- 2 + M4-37-2	3)	4	9,4	141		950	585	39	h+v		1FI 4x1,5	
2	QN65- 2 +	M6-200-2	7,5	17,2		147	950	595	59	h+v			2FI 3/4x2,5
3	QN65- 3 + M6-200-2	M6-200-2	7,5	17,2	147	147	1040	595	63	h+v		1FI 4x2,5	2FI 3/4x2,5
4	QN65- 4 + M6-240-2	M6-240-2	9,2	20,5	147	147	1170	635	71	h+v		1FI 4x2,5	2FI 3/4x2,5
5	QN65- 5 + M6-270-2	M6-270-2	11	24	147	147	1290	665	77	h+v		1FI 4x2,5	2FI 3/4x2,5
6	QN65- 6 + M6-305-2	M6-305-2	13	28,5	147	147	1415	700	85	h+v		1FI 4x2,5	2FI 3/4x2,5
7	QN65- 7 + M6-340-2	M6-340-2	15	32	148	147	1540	735	93	h+v		1FI 4x4	2FI 3/4x2,5
8	QN65- 8 + M6-400-2	M6-400-2	18,5	39	148	147	1690	795	103	h+v		1FI 4x4	2FI 3/4x2,5
9	QN65- 9 + M6-400-2	M6-400-2	18,5	39	148	147	1780	795	107	h+v		1FI 4x4	2FI 3/4x2,5
10	QN65-10 + M6-460-2	M6-460-2	22	46,5	149	147	1955	875	117	h+v		1FI 4x6	2FI 3/4x2,5
	QN65-11 + M6-460-2	M6-460-2	22	46,5	149	147	2045	875	121	h+v		1FI 4x6	2FI 3/4x2,5
12	QN65-12 + M6-530-2	M6-530-2	26	54	149	147	2205	945	133	h+v		1FI 4x6	2FI 3/4x2,5
	QN65-13 + M6-530-2	M6-530-2	26	54	149	147	2295	945	136	h+v		1FI 4x6	2FI 3/4x2,5
14	QN65-14 + M6-600-2	M6-600-2	30	62	153	148	2455	1015	148	h+v		1FI 4x10	2FI 3/4x4
	QN65-15 + M6-600-2	M6-600-2	30	62	153	148	2545	1015	152	h+v		1FI 4x10	2FI 3/4x4
16	QN65-16 + M6-650-2	M6-650-2	33	68	153	148	2685	1065	161	h+v		1FI 4x10	2FI 3/4x4

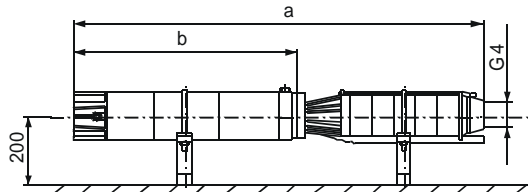
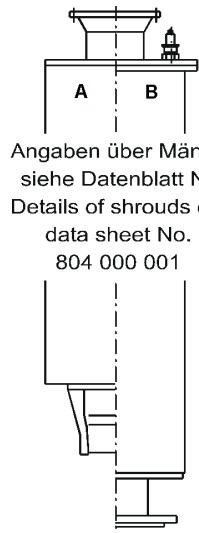
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß DN80, DN100= RV G3, 3"NPT + Doppelnippel + Gewindeflansch
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M6
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping conn. DN80, DN100= NRV G3, 3"NPT + double nipple + thread. flange
 Max. diameter incl. largest motor leads of the motor M6
 Motor for d.o.l. starting only





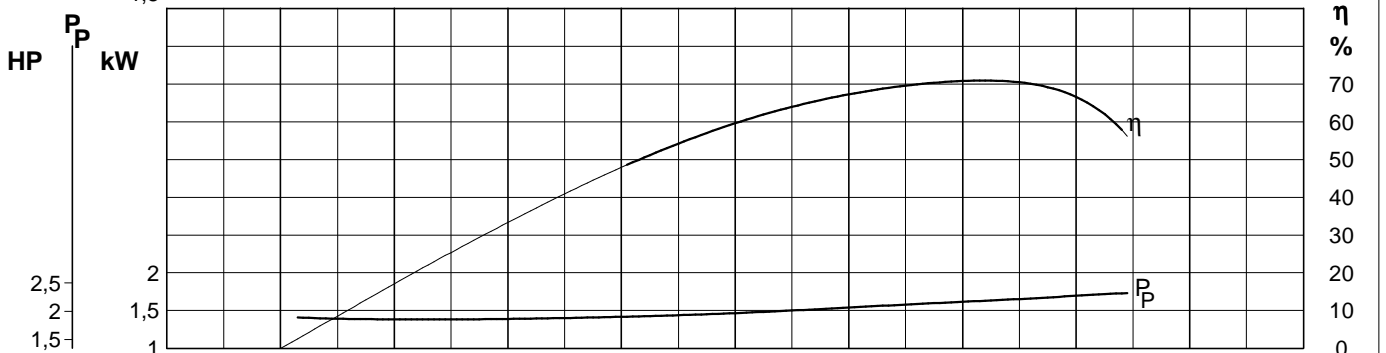
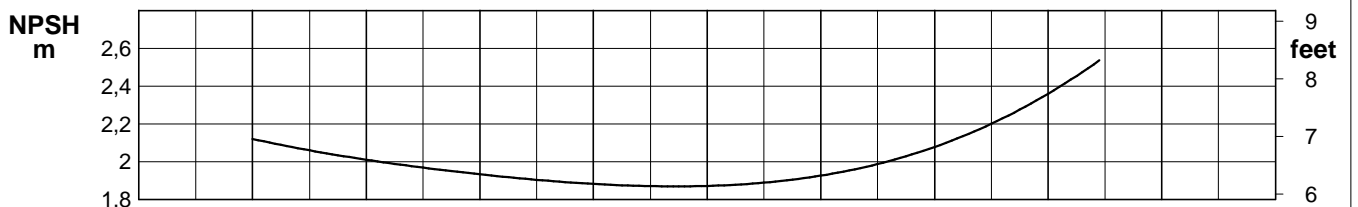
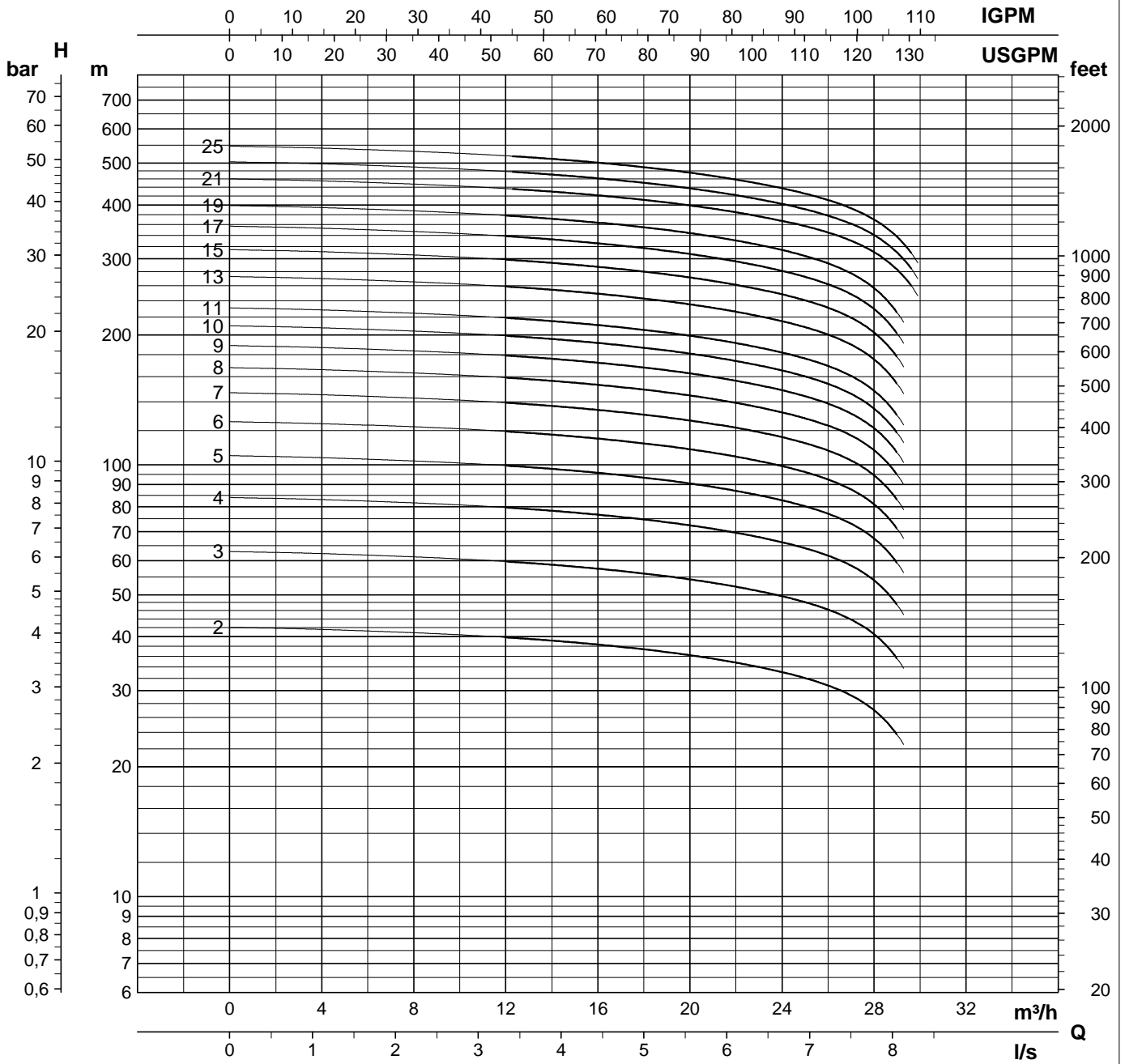
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
		G4/G3, 4"/3"NPT	15	217	198	1,9	h+v
	G4, 4"NPT	1) G4/G3, 4"/3"NPT	15	217	198	1,9	v
1		DN80; PN16...40	95	221	202	6,1	h+v
				2)	2)		

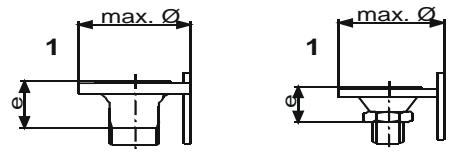
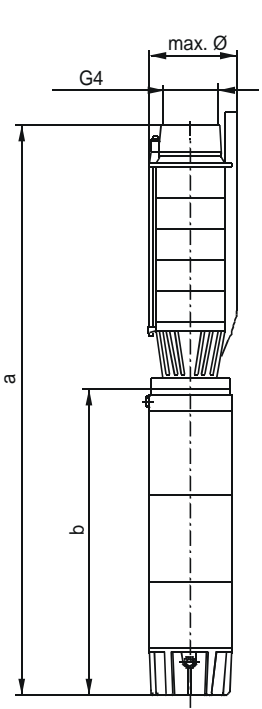


Kurve Curve	Pumpe + Motor Pump + Motor		Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB83- 2 + M6-160-2	3)	5,5	13,4	192		1050	555	62	h+v	1FI 4x2,5	
2	NB83- 2 +	M6-200-2	7,5	17,2		192	1090	595	66	h+v		2FI 3/4x2,5
3	NB83- 3 + M6-200-2	M6-200-2	7,5	17,2	192	192	1145	595	68	h+v	1FI 4x2,5	2FI 3/4x2,5
4	NB83- 4 + M6-240-2	M6-240-2	9,2	20,5	192	192	1240	635	74	h+v	1FI 4x2,5	2FI 3/4x2,5
5	NB83- 5 + M6-270-2	M6-270-2	11	24	192	192	1325	665	79	h+v	1FI 4x2,5	2FI 3/4x2,5
6	NB83- 6 + M6-305-2	M6-305-2	13	28,5	192	192	1415	700	85	h+v	1FI 4x2,5	2FI 3/4x2,5
7	NB83- 7 + M6-340-2	M6-340-2	15	32	193	192	1505	735	91	h+v	1FI 4x4	2FI 3/4x2,5
8	NB83- 8 + M6-400-2	M6-400-2	18,5	39	193	192	1620	795	100	h+v	1FI 4x4	2FI 3/4x2,5
9	NB83- 9 + M6-400-2	M6-400-2	18,5	39	193	192	1675	795	102	h+v	1FI 4x4	2FI 3/4x2,5
10	NB83-10 + M6-460-2	M6-460-2	22	46,5	194	192	1815	875	111	h+v	1FI 4x6	2FI 3/4x2,5
	NB83-11 + M6-530-2	M6-530-2	26	54	194	192	1940	945	121	h+v	1FI 4x6	2FI 3/4x2,5
12	NB83-12 + M6-530-2	M6-530-2	26	54	194	192	1995	945	123	h+v	1FI 4x6	2FI 3/4x2,5
	NB83-13 + M6-600-2	M6-600-2	30	62	198	193	2120	1015	133	h+v	1FI 4x10	2FI 3/4x4
14	NB83-14 + M6-600-2	M6-600-2	30	62	198	193	2175	1015	135	h+v	1FI 4x10	2FI 3/4x4
	NB83-15 + M6-650-2	M6-650-2	33	68	198	193	2280	1065	143	h+v	1FI 4x10	2FI 3/4x4
16	NB83-16 + M6-650-2	M6-650-2	33	68	198	193	2335	1065	145	h+v	1FI 4x10	2FI 3/4x4
	NB83-17 + M6-720-2	M6-720-2	37	76	198	193	2460	1135	154	h+v	1FI 4x10	2FI 3/4x4
18	NB83-18 + M6-720-2	M6-720-2	37	76	198	193	2515	1135	156	h+v	1FI 4x10	2FI 3/4x4
	NB83-19 + M8-480-2	M8-480-2	46	90	200	194	2620	1190	212	h+v	1FI 4x16	2FI 3/4x6
20	NB83-20 + M8-480-2	M8-480-2	46	90	200	194	2675	1190	214	h+v	1FI 4x16	2FI 3/4x6
	NB83-21 + M8-480-2	M8-480-2	46	90	200	194	2730	1190	216	h+v	1FI 4x16	2FI 3/4x6
	NB83-22 + M8-530-2	M8-530-2	50	96	200	194	2835	1240	228	h+v	1FI 4x16	2FI 3/4x6
	NB83-23 + M8-530-2	M8-530-2	50	96	200	194	2890	1240	230	h+v	1FI 4x16	2FI 3/4x6
24	NB83-24 + M8-580-2	M8-580-2	55	105	217	198	2995	1290	243	h+v	1Rd 4x25	2FI 3/4x10

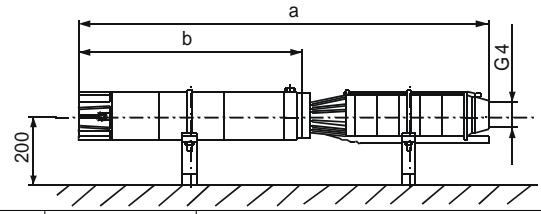
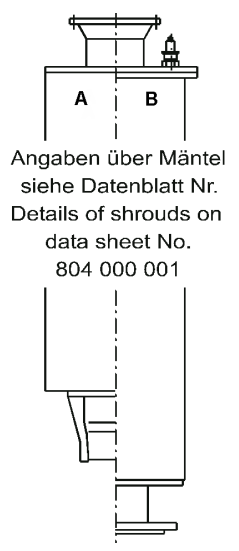
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß G3, 3"NPT= RV G4, 4"NPT + Übergangsstück G4/G3, 4"/3"NPT
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M8
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping connection G3, 3"NPT= NRV G4, 4"NPT + taper G3/G4, 3"/4"NPT
 Max. diameter incl. largest motor leads of the motor M8
 Motor for d.o.l. starting only





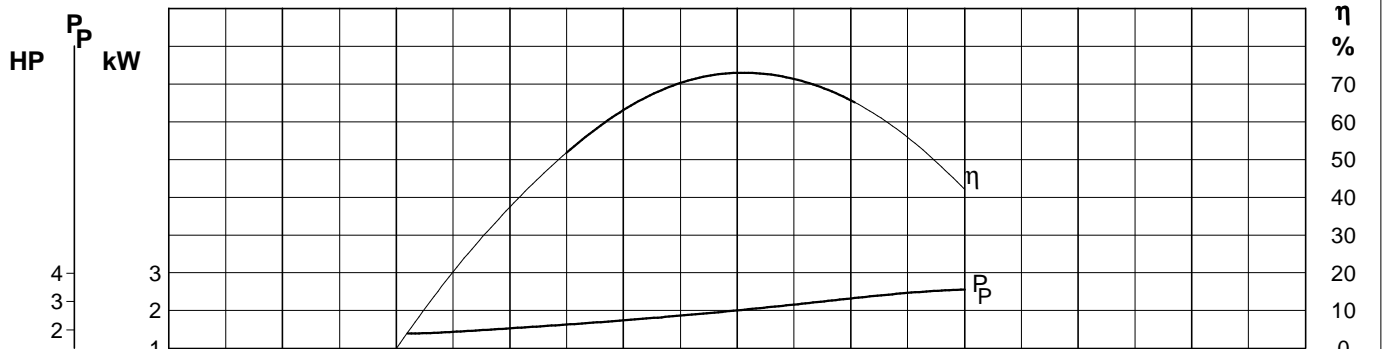
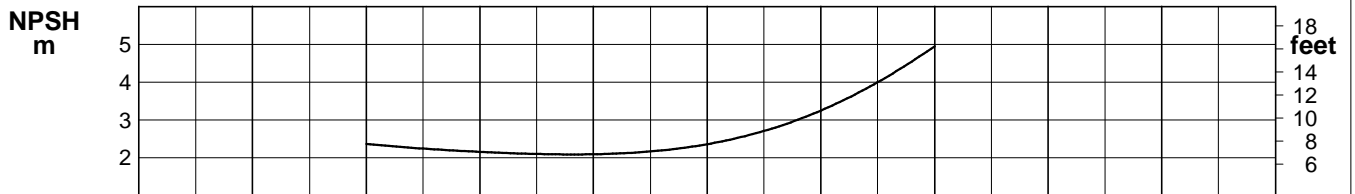
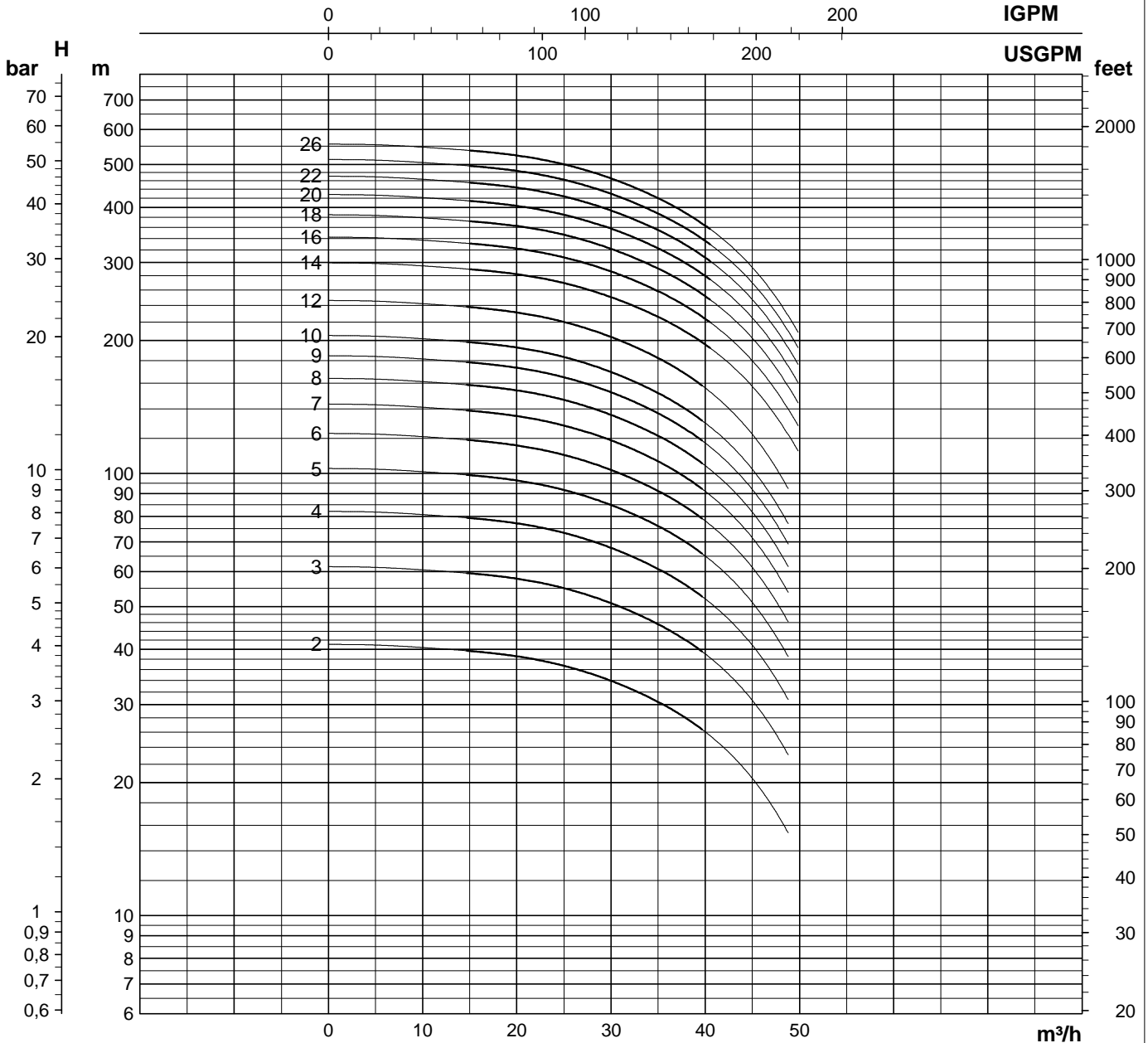
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
		G4/G3, 4"/3"NPT	15	200	194	1,9	h+v
	G4, 4"NPT	1) G4/G3, 4"/3"NPT	15	200	194	1,9	v
1		DN80; PN16...40	95	204	200	6,1	h+v
				2)	2)		

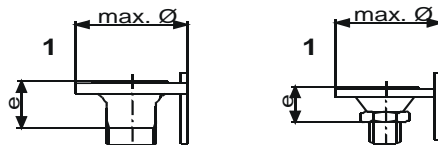
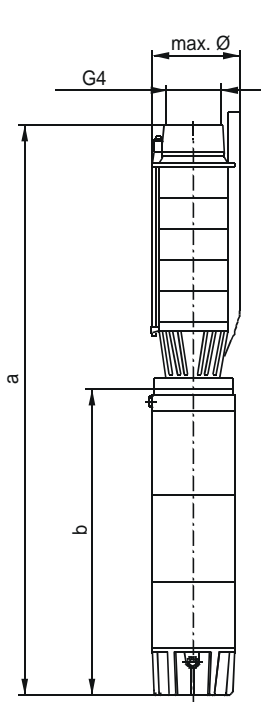


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor						Aggregat / Unit			Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm	Gew. Weight kg	Installation	direkt d.o.l.	YΔ star-delta	
2	NB84- 2 + M6-160-2	3)	5,5	13,4	192		1050	555	62	h+v	1FI 4x2,5		
2	NB84- 2 +	M6-200-2	7,5	17,2		192	1090	595	66	h+v		2FI 3/4x2,5	
3	NB84- 3 + M6-200-2	M6-200-2	7,5	17,2	192	192	1145	595	68	h+v	1FI 4x2,5	2FI 3/4x2,5	
4	NB84- 4 + M6-200-2	M6-200-2	7,5	17,2	192	192	1200	595	70	h+v	1FI 4x2,5	2FI 3/4x2,5	
5	NB84- 5 + M6-270-2	M6-270-2	11	24	192	192	1325	665	79	h+v	1FI 4x2,5	2FI 3/4x2,5	
6	NB84- 6 + M6-305-2	M6-305-2	13	28,5	192	192	1415	700	85	h+v	1FI 4x2,5	2FI 3/4x2,5	
7	NB84- 7 + M6-340-2	M6-340-2	15	32	193	192	1505	735	91	h+v	1FI 4x4	2FI 3/4x2,5	
8	NB84- 8 + M6-340-2	M6-340-2	15	32	193	192	1560	735	93	h+v	1FI 4x4	2FI 3/4x2,5	
9	NB84- 9 + M6-400-2	M6-400-2	18,5	39	193	192	1675	795	102	h+v	1FI 4x4	2FI 3/4x2,5	
10	NB84-10 + M6-460-2	M6-460-2	22	46,5	194	192	1815	875	111	h+v	1FI 4x6	2FI 3/4x2,5	
11	NB84-11 + M6-460-2	M6-460-2	22	46,5	194	192	1870	875	113	h+v	1FI 4x6	2FI 3/4x2,5	
	NB84-12 + M6-530-2	M6-530-2	26	54	194	192	1995	945	123	h+v	1FI 4x6	2FI 3/4x2,5	
13	NB84-13 + M6-530-2	M6-530-2	26	54	194	192	2050	945	125	h+v	1FI 4x6	2FI 3/4x2,5	
	NB84-14 + M6-600-2	M6-600-2	30	62	198	193	2175	1015	135	h+v	1FI 4x10	2FI 3/4x4	
15	NB84-15 + M6-600-2	M6-600-2	30	62	198	193	2230	1015	137	h+v	1FI 4x10	2FI 3/4x4	
	NB84-16 + M6-600-2	M6-600-2	30	62	198	193	2285	1015	139	h+v	1FI 4x10	2FI 3/4x4	
17	NB84-17 + M6-650-2	M6-650-2	33	68	198	193	2390	1065	147	h+v	1FI 4x10	2FI 3/4x4	
	NB84-18 + M6-720-2	M6-720-2	37	76	198	193	2515	1135	156	h+v	1FI 4x10	2FI 3/4x4	
19	NB84-19 + M6-720-2	M6-720-2	37	76	198	193	2570	1135	158	h+v	1FI 4x10	2FI 3/4x4	
	NB84-20 + M8-410-2	M8-410-2	40	79	200	194	2605	1120	199	h+v	1FI 4x16	2FI 3/4x6	
21	NB84-21 + M8-480-2	M8-480-2	46	90	200	194	2730	1190	216	h+v	1FI 4x16	2FI 3/4x6	
	NB84-22 + M8-480-2	M8-480-2	46	90	200	194	2785	1190	218	h+v	1FI 4x16	2FI 3/4x6	
	NB84-23 + M8-480-2	M8-480-2	46	90	200	194	2840	1190	220	h+v	1FI 4x16	2FI 3/4x6	
	NB84-24 + M8-530-2	M8-530-2	50	96	200	194	2945	1240	232	h+v	1FI 4x16	2FI 3/4x6	
25	NB84-25 + M8-530-2	M8-530-2	50	96	200	194	3000	1240	234	h+v	1FI 4x16	2FI 3/4x6	

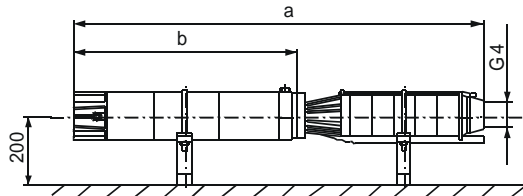
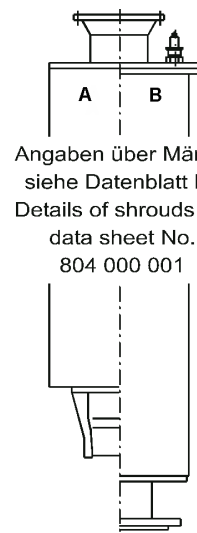
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s
 1) Steigrohranschluß G3, 3"NPT= RV G4, 4"NPT + Übergangsstück G4/G3, 4"/3"NPT
 2) Max. Durchmesser einschließlich der größten Leitung des Motors M8
 3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s
 Piping connection G3, 3"NPT= NRV G4, 4"NPT + taper G3/G4, 3"/4"NPT
 Max. diameter incl. largest motor leads of the motor M8
 Motor for d.o.l. starting only





Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	YΔ mm		
		G4/G3, 4"/3"NPT	15	217	201	1,9	h+v
	G4, 4"NPT	1) G4/G3, 4"/3"NPT	15	217	201	1,9	v
1		DN80; PN16...40	95	221	204	6,1	h+v
				2)	2)		



Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB85- 2 + M6-160-2	3)	5,5	13,4	192		1050	555	62	h+v	1FI 4x2,5	
2	NB85- 2 +	M6-200-2	7,5	17,2		192	1090	595	66	h+v		2FI 3/4x2,5
3	NB85- 3 + M6-240-2	M6-240-2	9,2	20,5	192	192	1185	635	72	h+v	1FI 4x2,5	2FI 3/4x2,5
4	NB85- 4 + M6-270-2	M6-270-2	11	24	192	192	1270	665	77	h+v	1FI 4x2,5	2FI 3/4x2,5
5	NB85- 5 + M6-340-2	M6-340-2	15	32	193	192	1395	735	87	h+v	1FI 4x4	2FI 3/4x2,5
6	NB85- 6 + M6-400-2	M6-400-2	18,5	39	193	192	1510	795	96	h+v	1FI 4x4	2FI 3/4x2,5
7	NB85- 7 + M6-460-2	M6-460-2	22	46,5	194	192	1650	875	105	h+v	1FI 4x6	2FI 3/4x2,5
8	NB85- 8 + M6-460-2	M6-460-2	22	46,5	194	192	1705	875	107	h+v	1FI 4x6	2FI 3/4x2,5
9	NB85- 9 + M6-530-2	M6-530-2	26	54	194	192	1830	945	117	h+v	1FI 4x6	2FI 3/4x2,5
10	NB85-10 + M6-600-2	M6-600-2	30	62	198	193	1955	1015	127	h+v	1FI 4x10	2FI 3/4x4
	NB85-11 + M6-650-2	M6-650-2	33	68	198	193	2060	1065	135	h+v	1FI 4x10	2FI 3/4x4
12	NB85-12 + M6-650-2	M6-650-2	33	68	198	193	2115	1065	137	h+v	1FI 4x10	2FI 3/4x4
	NB85-13 + M6-720-2	M6-720-2	37	76	198	193	2240	1135	146	h+v	1FI 4x10	2FI 3/4x4
14	NB85-14 + M8-480-2	M8-480-2	46	90	200	194	2345	1190	202	h+v	1FI 4x16	2FI 3/4x6
	NB85-15 + M8-480-2	M8-480-2	46	90	200	194	2400	1190	204	h+v	1FI 4x16	2FI 3/4x6
16	NB85-16 + M8-530-2	M8-530-2	50	96	200	194	2505	1240	216	h+v	1FI 4x16	2FI 3/4x6
	NB85-17 + M8-530-2	M8-530-2	50	96	200	194	2560	1240	218	h+v	1FI 4x16	2FI 3/4x6
18	NB85-18 + M8-580-2	M8-580-2	55	105	217	198	2665	1290	231	h+v	1Rd 4x25	2FI 3/4x10
	NB85-19 + M8-650-2	M8-650-2	60	115	217	198	2790	1360	248	h+v	1Rd 4x25	2FI 3/4x10
20	NB85-20 + M8-650-2	M8-650-2	60	115	217	198	2845	1360	250	h+v	1Rd 4x25	2FI 3/4x10
	NB85-21 + M8-710-2	M8-710-2	68	130	217	198	2960	1420	264	h+v	1Rd 4x25	2FI 3/4x10
22	NB85-22 + M8-710-2	M8-710-2	68	130	217	198	3015	1420	266	h+v	1Rd 4x25	2FI 3/4x10
	NB85-23 + M8-710-2	M8-710-2	68	130	217	198	3070	1420	268	h+v	1Rd 4x25	2FI 3/4x10
	NB85-24 + M8-820-2	M8-820-2	75	143	197	201	3235	1530	293	v	4Rd 1x16P	2FI 3/4x16
	NB85-25 + M8-820-2	M8-820-2	75	143	197	201	3290	1530	295	v	4Rd 1x16P	2FI 3/4x16
26	NB85-26 + M8-930-2	M8-930-2	83	158	200	201	3455	1640	321	v	4Rd 1x25P	2FI 3/4x16

Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein

Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,2 m/s

1) Steigrohranschluß G3, 3"NPT= RV G4, 4"NPT + Übergangsstück G4/G3, 4"/3"NPT

2) Max. Durchmesser einschließlich der größten Leitung des Motors M8

3) Motor nur für Direkteinschaltung möglich

Dimensions according to standard construction

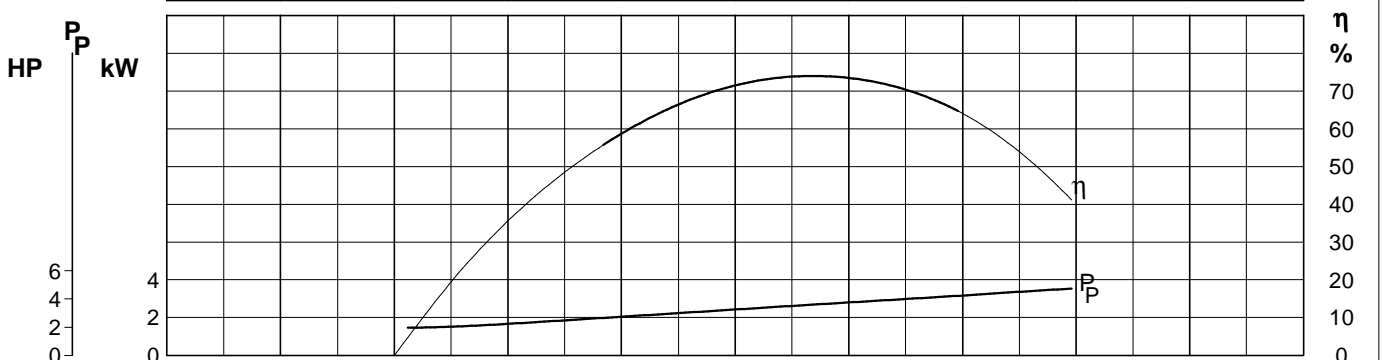
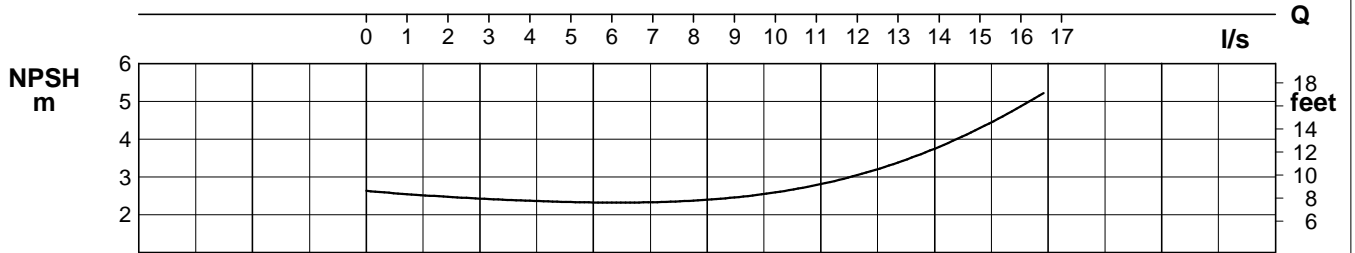
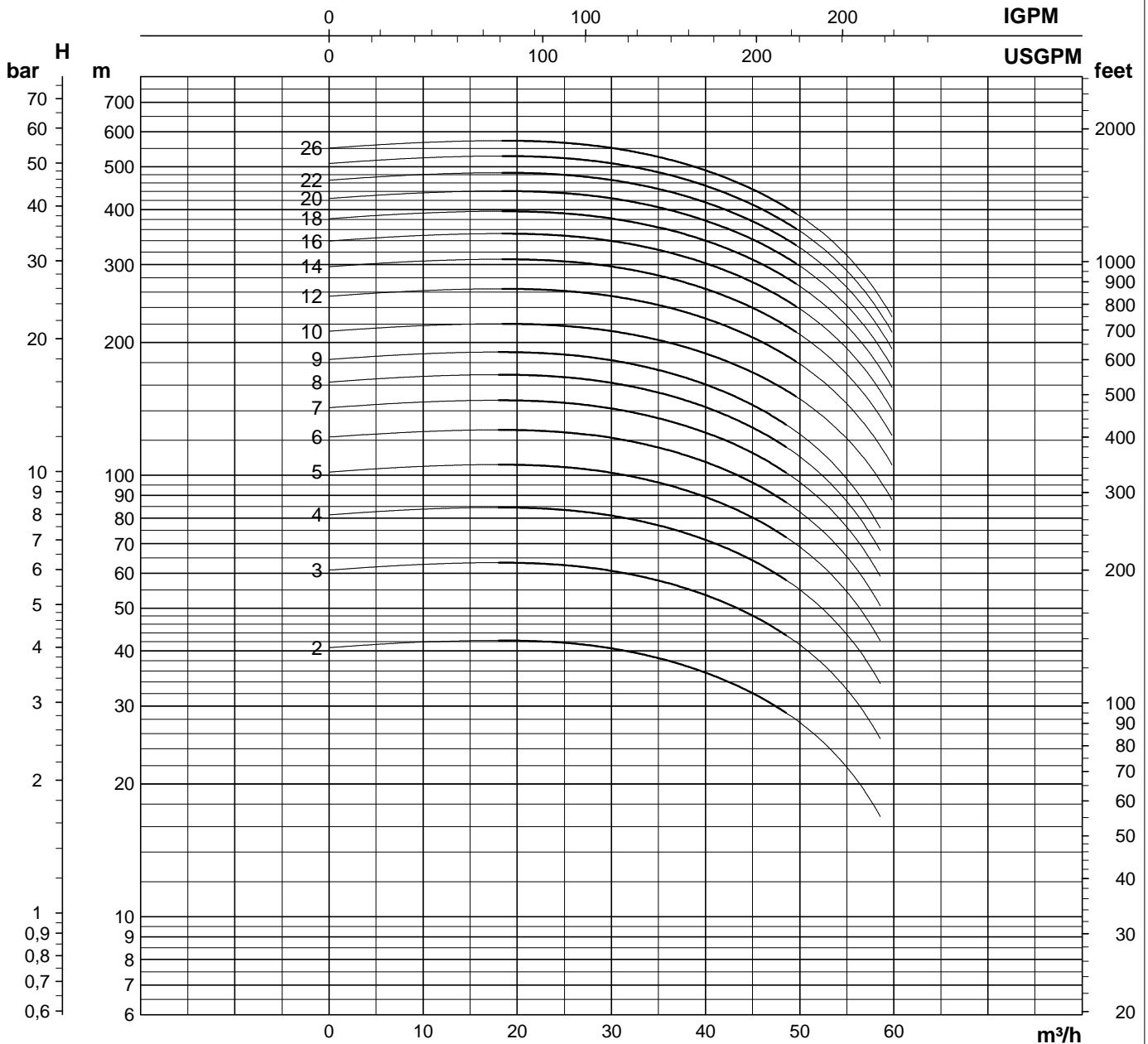
Motor leads must be submerged

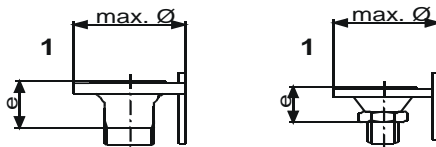
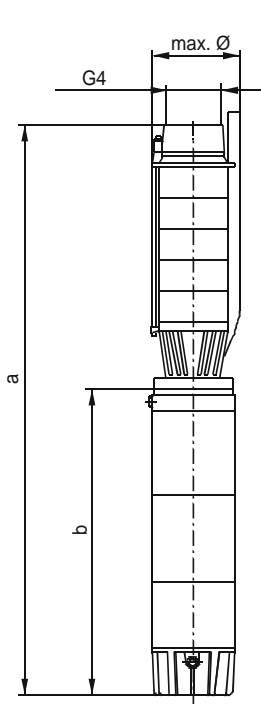
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,2 m/s

Piping connection G3, 3"NPT= NRV G4, 4"NPT + taper G3/G4, 3"/4"NPT

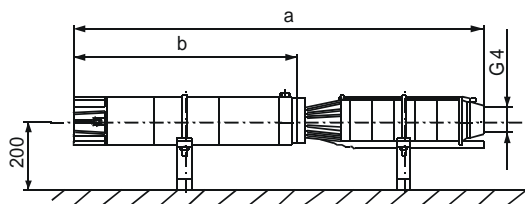
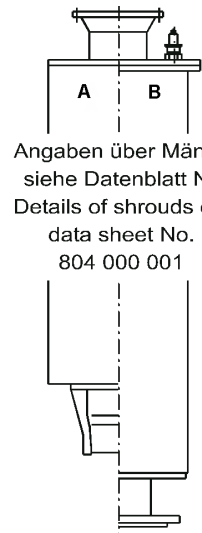
Max. diameter incl. largest motor leads of the motor M8

Motor for d.o.l. starting only





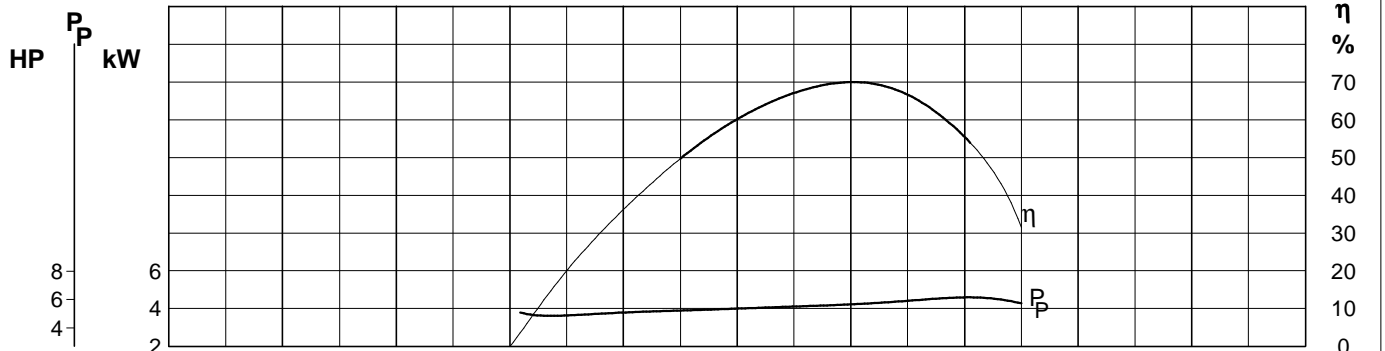
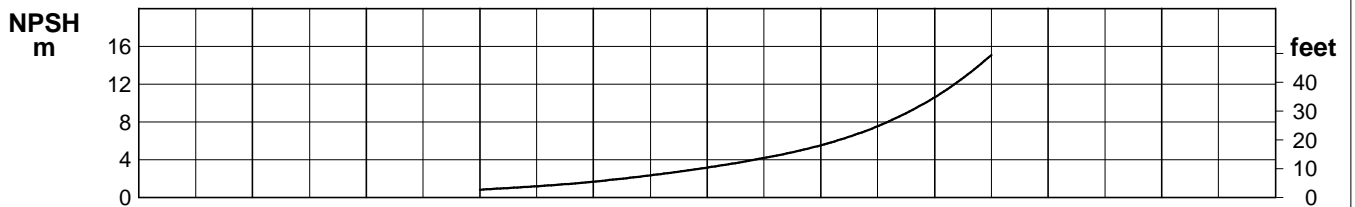
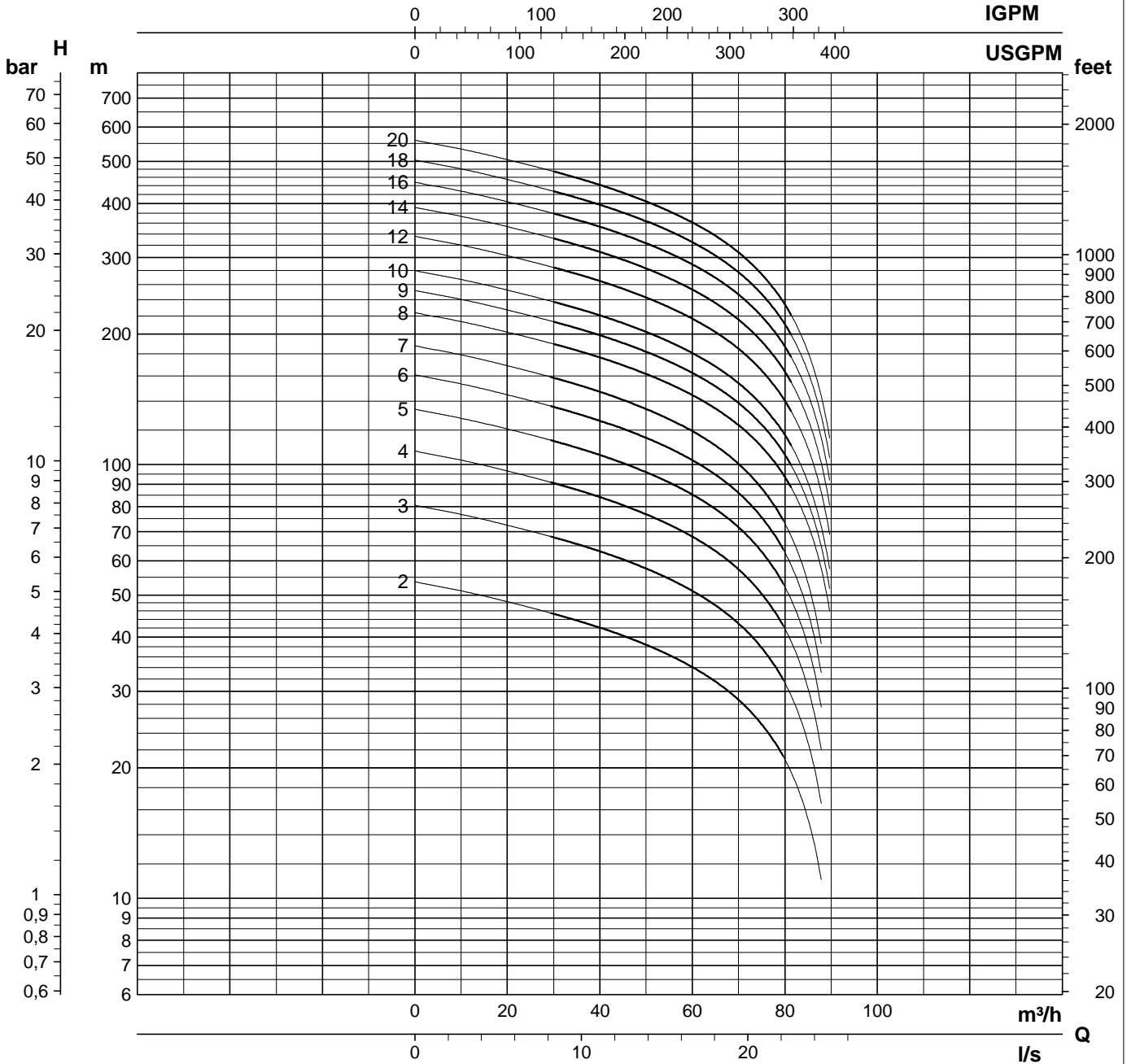
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G4, 4"NPT	G4, 4"NPT		direkt mm	YΔ mm		
		DN100; PN16	74	246	229	5,7	h+v
1		DN100; PN25,40	74	253	236	6,7	h+v
				1)	1)		

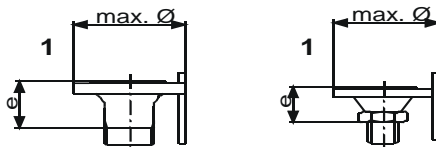
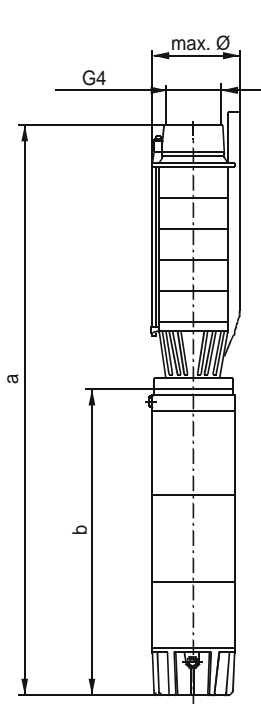


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB86- 2 + M6-200-2	M6-200-2	7,5	17,2	192	192	1090	595	66	h+v	1FI 4x2,5	2FI 3/4x2,5
3	NB86- 3 + M6-305-2	M6-305-2	13	28,5	192	192	1250	700	79	h+v	1FI 4x2,5	2FI 3/4x2,5
4	NB86- 4 + M6-340-2	M6-340-2	15	32	193	192	1340	735	85	h+v	1FI 4x4	2FI 3/4x2,5
5	NB86- 5 + M6-460-2	M6-460-2	22	46,5	194	192	1540	875	101	h+v	1FI 4x6	2FI 3/4x2,5
6	NB86- 6 + M6-530-2	M6-530-2	26	54	194	192	1665	945	111	h+v	1FI 4x6	2FI 3/4x2,5
7	NB86- 7 + M6-600-2	M6-600-2	30	62	198	193	1790	1015	121	h+v	1FI 4x10	2FI 3/4x4
8	NB86- 8 + M6-600-2	M6-600-2	30	62	198	193	1845	1015	123	h+v	1FI 4x10	2FI 3/4x4
9	NB86- 9 + M6-720-2	M6-720-2	37	76	198	193	2020	1135	138	h+v	1FI 4x10	2FI 3/4x4
10	NB86-10 + M8-410-2	M8-410-2	40	79	200	194	2055	1120	179	h+v	1FI 4x16	2FI 3/4x6
	NB86-11 + M8-480-2	M8-480-2	46	90	200	194	2180	1190	196	h+v	1FI 4x16	2FI 3/4x6
12	NB86-12 + M8-530-2	M8-530-2	50	96	200	194	2285	1240	208	h+v	1FI 4x16	2FI 3/4x6
	NB86-13 + M8-580-2	M8-580-2	55	105	217	198	2390	1290	221	h+v	1Rd 4x25	2FI 3/4x10
14	NB86-14 + M8-650-2	M8-650-2	60	115	217	198	2515	1360	238	h+v	1Rd 4x25	2FI 3/4x10
	NB86-15 + M8-650-2	M8-650-2	60	115	217	198	2570	1360	240	h+v	1Rd 4x25	2FI 3/4x10
16	NB86-16 + M8-710-2	M8-710-2	68	130	217	198	2685	1420	254	h+v	1Rd 4x25	2FI 3/4x10
	NB86-17 + M8-710-2	M8-710-2	68	130	217	198	2740	1420	256	h+v	1Rd 4x25	2FI 3/4x10
18	NB86-18 + M8-820-2	M8-820-2	75	143	197	201	2905	1530	281	v	4Rd 1x16P	2FI 3/4x16
	NB86-19 + M8-930-2	M8-930-2	83	158	200	201	3070	1640	307	v	4Rd 1x25P	2FI 3/4x16
20	NB86-20 + M8-930-2	M8-930-2	83	158	200	201	3125	1640	309	v	4Rd 1x25P	2FI 3/4x16
	NB86-21 + M8-990-2	M8-990-2	90	172	200	201	3240	1700	323	v	4Rd 1x25P	2FI 3/4x16
22	NB86-22 + M8-990-2	M8-990-2	90	172	200	201	3295	1700	325	v	4Rd 1x25P	2FI 3/4x16
	NB86-23 + MI10-600-2	MI10-600-2	110	220	230	230	3185	1535	342	h+v	4Rd 1x35P	3/4Rd 1x16P
	NB86-24 + MI10-600-2	MI10-600-2	110	220	230	230	3240	1535	344	h+v	4Rd 1x35P	3/4Rd 1x16P
	NB86-25 + MI10-600-2	MI10-600-2	110	220	230	230	3295	1535	346	h+v	4Rd 1x35P	3/4Rd 1x16P
26	NB86-26 + MI10-600-2	MI10-600-2	110	220	230	230	3350	1535	348	h+v	4Rd 1x35P	3/4Rd 1x16P

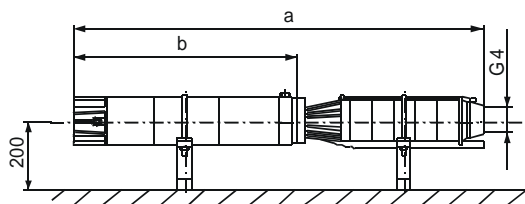
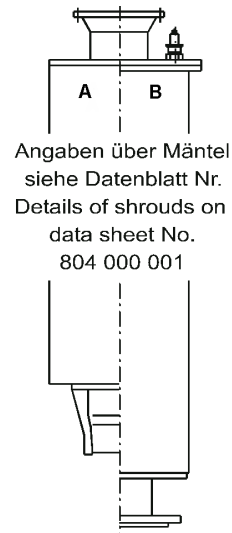
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M8

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
 Max. diameter incl. largest motor leads of the motor M8





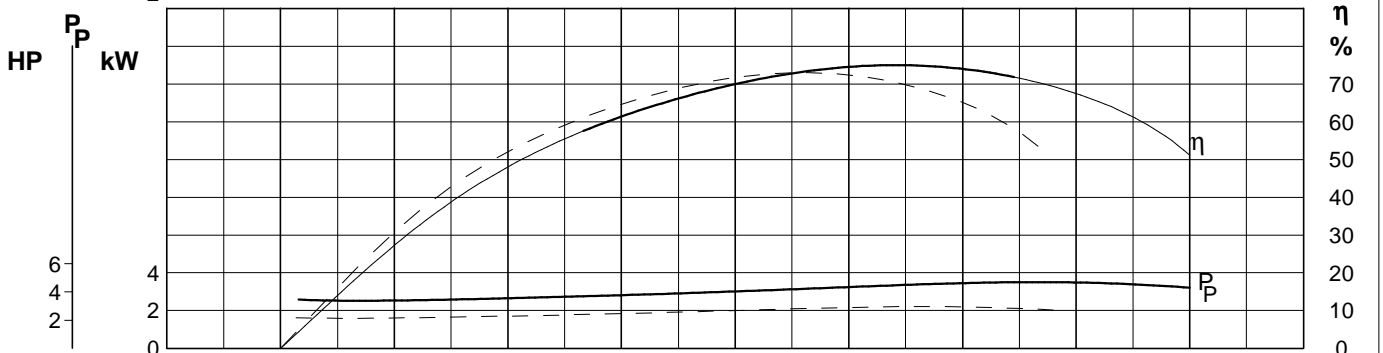
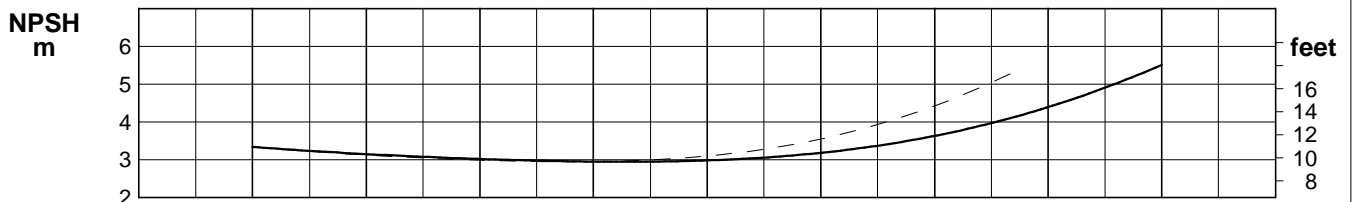
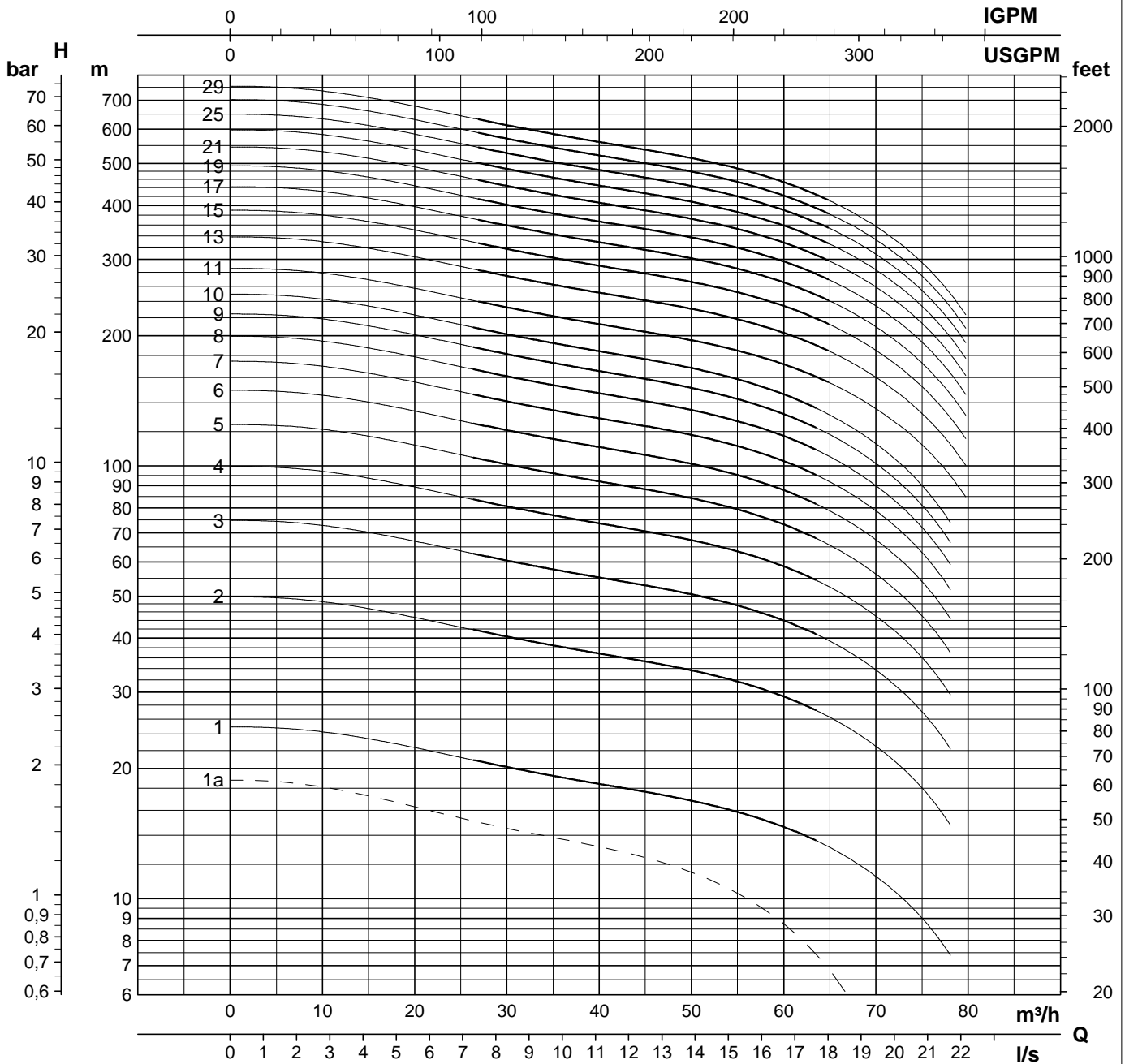
Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e mm	max. Ø 400 V		Gew. Weight kg	Installation
	G4, 4"NPT	G4, 4"NPT		direkt mm	YΔ mm		
		DN100; PN16	74	246	229	5,7	h+v
1		DN100; PN25,40	74	253	236	6,7	h+v
				1)	1)		

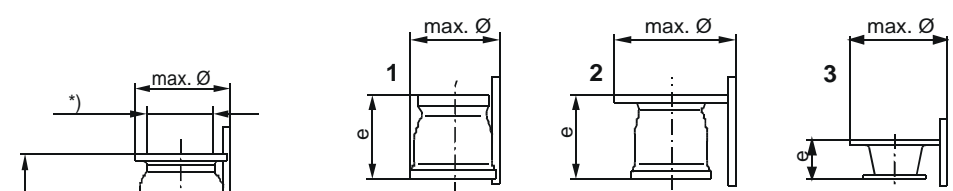


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
2	NB87- 2 + M6-270-2	M6-270-2	11	24	192	192	1190	665	71	h+v	1FI 4x2,5	2FI 3/4x2,5
3	NB87- 3 + M6-340-2	M6-340-2	15	32	193	192	1330	735	81	h+v	1FI 4x4	2FI 3/4x2,5
4	NB87- 4 + M6-460-2	M6-460-2	22	46,5	194	192	1540	875	98	h+v	1FI 4x6	2FI 3/4x2,5
5	NB87- 5 + M6-530-2	M6-530-2	26	54	194	192	1680	945	108	h+v	1FI 4x6	2FI 3/4x2,5
6	NB87- 6 + M6-600-2	M6-600-2	30	62	198	193	1820	1015	119	h+v	1FI 4x10	2FI 3/4x4
7	NB87- 7 + M6-720-2	M6-720-2	37	76	198	193	2005	1135	134	h+v	1FI 4x10	2FI 3/4x4
8	NB87- 8 + M8-480-2	M8-480-2	46	90	200	194	2130	1190	191	h+v	1FI 4x16	2FI 3/4x6
9	NB87- 9 + M8-480-2	M8-480-2	46	90	200	194	2195	1190	193	h+v	1FI 4x16	2FI 3/4x6
10	NB87-10 + M8-580-2	M8-580-2	55	105	217	198	2365	1290	217	h+v	1Rd 4x25	2FI 3/4x10
	NB87-11 + M8-650-2	M8-650-2	60	115	217	198	2505	1360	234	h+v	1Rd 4x25	2FI 3/4x10
12	NB87-12 + M8-710-2	M8-710-2	68	130	217	198	2635	1420	249	h+v	1Rd 4x25	2FI 3/4x10
	NB87-13 + M8-710-2	M8-710-2	68	130	217	198	2705	1420	251	h+v	1Rd 4x25	2FI 3/4x10
14	NB87-14 + M8-820-2	M8-820-2	75	143	197	201	2880	1530	277	v	4Rd 1x16P	2FI 3/4x16
	NB87-15 + M8-930-2	M8-930-2	83	158	200	201	3060	1640	303	v	4Rd 1x25P	2FI 3/4x16
16	NB87-16 + M8-930-2	M8-930-2	83	158	200	201	3130	1640	306	v	4Rd 1x25P	2FI 3/4x16
	NB87-17 + M8-990-2	M8-990-2	90	172	200	201	3260	1700	320	v	4Rd 1x25P	2FI 3/4x16
18	NB87-18 + MI10-600-2	MI10-600-2	110	220	230	230	3165	1535	338	h+v	4Rd 1x35P	3/4Rd 1x16P
	NB87-19 + MI10-600-2	MI10-600-2	110	220	230	230	3230	1535	340	h+v	4Rd 1x35P	3/4Rd 1x16P
20	NB87-20 + MI10-600-2	MI10-600-2	110	220	230	230	3300	1535	343	h+v	4Rd 1x35P	3/4Rd 1x16P

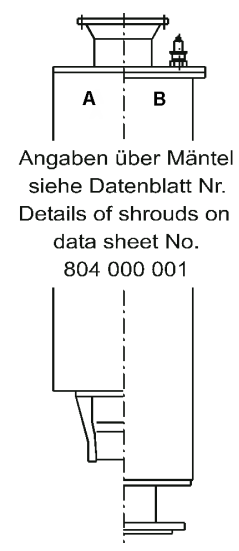
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M8

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
 Max. diameter incl. largest motor leads of the motor M8

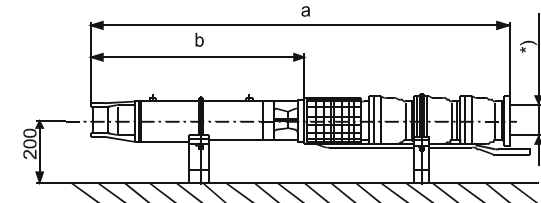




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G4, 4"NPT		235	214	198	12	v
1		G4, 4"NPT	45	210	193	2,9	h+v
2	DN100; PN16		230	232	220	26	v
3		DN100; PN16	70	256	245	6,9	h+v
2	DN100; PN40		230	240	235	34	v
3		DN100; PN40	74	271	260	9,1	h+v
3		DN100; PN63	90	286	275	12	h+v
				1)	1)		



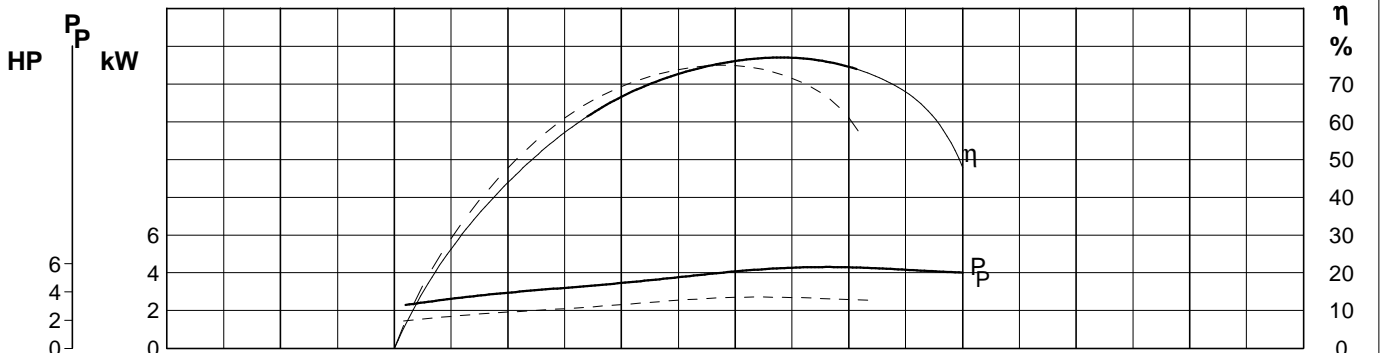
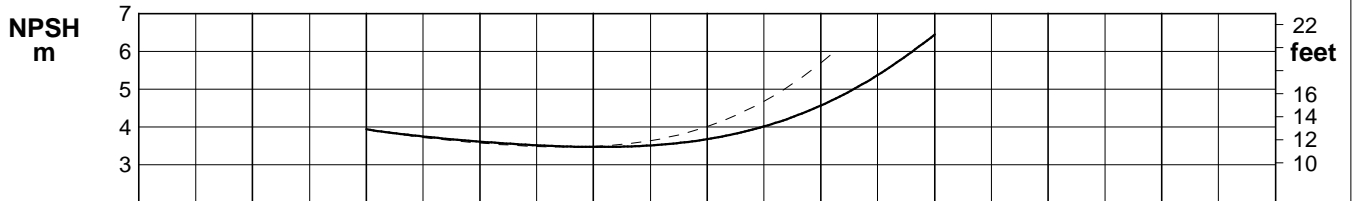
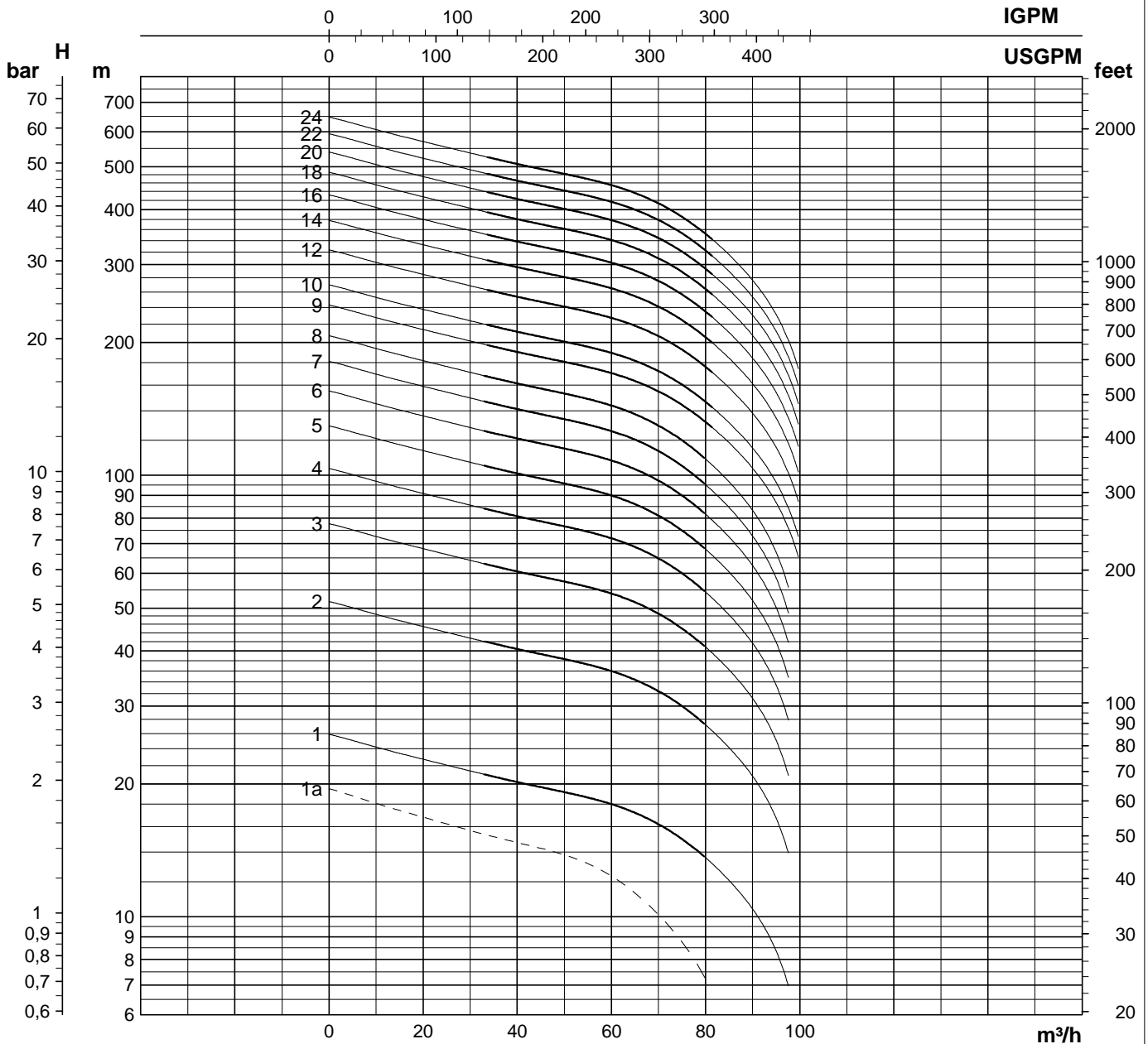
*) Kein Normflansch
No standard flange

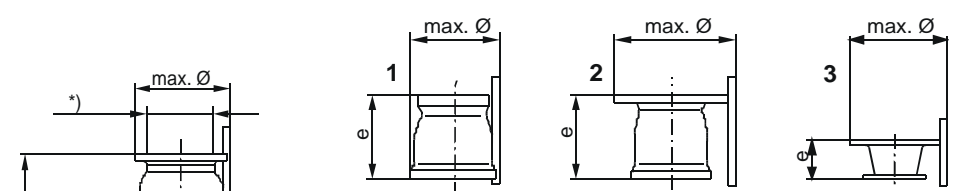


Kurve Curve	Pumpe + Motor Pump + Motor		Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V		Länge / Length				direkt d.o.l.	YΔ star-delta
1	PN81- 1 + M6-160-2	2)	5,5	13,4	189		865	555	62	h+v	1FI 4x2,5	
1	PN81- 1 +	M6-200-2	7,5	17,2		189	905	595	66	h+v		2FI 3/4x2,5
2	PN81- 2 + M6-200-2	M6-200-2	7,5	17,2	189	189	1020	595	76	h+v	1FI 4x2,5	2FI 3/4x2,5
3	PN81- 3 + M6-270-2	M6-270-2	11	24	189	189	1205	665	93	h+v	1FI 4x2,5	2FI 3/4x2,5
4	PN81- 4 + M6-340-2	M6-340-2	15	32	190	189	1390	735	111	h+v	1FI 4x4	2FI 3/4x2,5
5	PN81- 5 + M6-400-2	M6-400-2	18,5	39	190	189	1565	795	128	h+v	1FI 4x4	2FI 3/4x2,5
6	PN81- 6 + M6-460-2	M6-460-2	22	46,5	191	189	1760	875	145	h+v	1FI 4x6	2FI 3/4x2,5
7	PN81- 7 + M6-530-2	M6-530-2	26	54	191	189	1945	945	163	h+v	1FI 4x6	2FI 3/4x2,5
8	PN81- 8 + M6-600-2	M6-600-2	30	62	195	191	2130	1015	181	h+v	1FI 4x10	2FI 3/4x4
9	PN81- 9 + M6-650-2	M6-650-2	33	68	195	191	2295	1065	197	h+v	1FI 4x10	2FI 3/4x4
10	PN81-10 + M6-720-2	M6-720-2	37	76	195	191	2480	1135	214	h+v	1FI 4x10	2FI 3/4x4
11	PN81-11 + M8-480-2	M8-480-2	46	90	198	192	2650	1190	278	h+v	1FI 4x16	2FI 3/4x6
	PN81-12 + M8-480-2	M8-480-2	46	90	198	192	2765	1190	288	h+v	1FI 4x16	2FI 3/4x6
13	PN81-13 + M8-530-2	M8-530-2	50	96	198	192	2930	1240	308	h+v	1FI 4x16	2FI 3/4x6
	PN81-14 + M8-580-2	M8-580-2	55	105	215	197	3095	1290	329	h+v	1Rd 4x25	2FI 3/4x10
15	PN81-15 + M8-650-2	M8-650-2	60	115	215	197	3280	1360	354	h+v	1Rd 4x25	2FI 3/4x10
	PN81-16 + M8-710-2	M8-710-2	68	130	215	197	3455	1420	376	h+v	1Rd 4x25	2FI 3/4x10
17	PN81-17 + M8-710-2	M8-710-2	68	130	215	197	3570	1420	386	h+v	1Rd 4x25	2FI 3/4x10
	PN81-18 + M8-820-2	M8-820-2	75	143	196	201	3795	1530	419	v	4Rd 1x16P	2FI 3/4x16
19	PN81-19 + M8-820-2	M8-820-2	75	143	204	209	3910	1530	430	v	4Rd 1x16P	2FI 3/4x16
	PN81-20 + M8-930-2	M8-930-2	83	158	207	209	4135	1640	465	v	4Rd 1x25P	2FI 3/4x16
21	PN81-21 + M8-930-2	M8-930-2	83	158	207	209	4250	1640	476	v	4Rd 1x25P	2FI 3/4x16
	PN81-22 + M8-990-2	M8-990-2	90	172	207	209	4425	1700	499	v	4Rd 1x25P	2FI 3/4x16
	PN81-23 + M8-990-2	M8-990-2	90	172	207	209	4540	1700	511	v	4Rd 1x25P	2FI 3/4x16
	PN81-24 + MI10-600-2	MI10-600-2	110	220	230	230	4520	1535	544	h+v	4Rd 1x35P	3/4Rd 1x16P
25	PN81-25 + MI10-600-2	MI10-600-2	110	220	230	230	4635	1535	555	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN81-26 + MI10-600-2	MI10-600-2	110	220	230	230	4750	1535	566	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN81-27 + MI10-600-2	MI10-600-2	110	220	230	230	4865	1535	577	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN81-28 + MI10-600-2	MI10-600-2	110	220	230	230	4980	1535	589	h+v	4Rd 1x35P	3/4Rd 1x16P
29	PN81-29 + MI10-740-2	MI10-740-2	140	275	230	230	5235	1675	636	h+v	4Rd 1x50P	3/4Rd 1x25P
	3)											

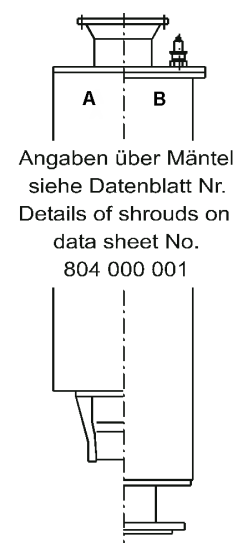
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M8
 2) Motor nur für Direkteinschaltung möglich
 3) Über 18 Stufen schwere Ausführung

Dimensions according to standard construction
 Motor leads must be submerged
 Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
 Max. diameter incl. largest motor leads of the motor M8
 Motor for d.o.l. starting only
 Above 18 stages heavy construction

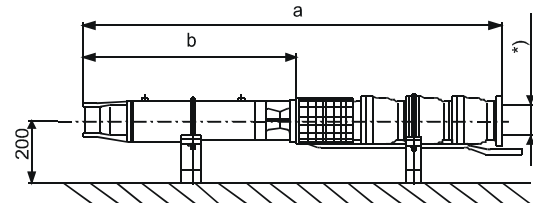




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G4, 4"NPT		235	214	198	12	v
1		G4, 4"NPT	45	210	193	2,9	h+v
2	DN100; PN16		230	232	220	26	v
3		DN100; PN16	70	256	245	6,9	h+v
2	DN100; PN40		230	240	235	34	v
3		DN100; PN40	74	271	260	9,1	h+v
3		DN100; PN63	90	286	275	12	h+v
				1)	1)		



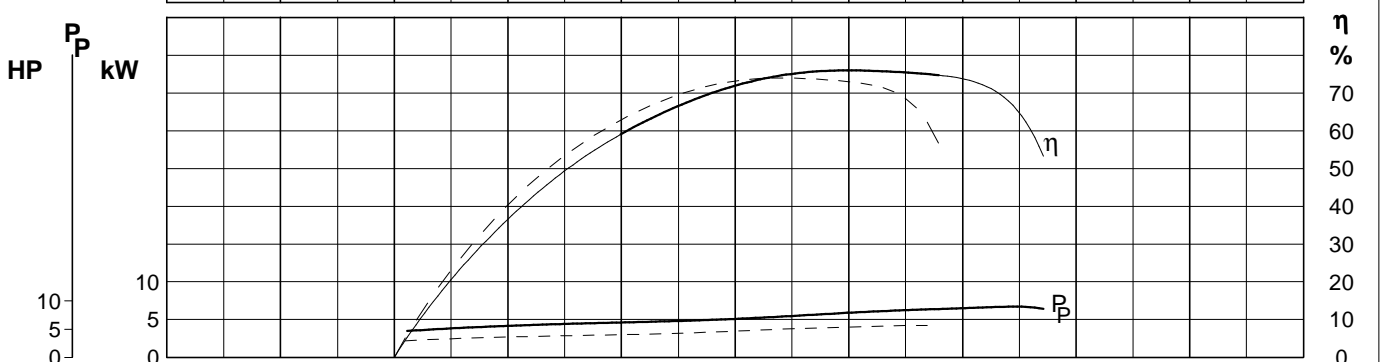
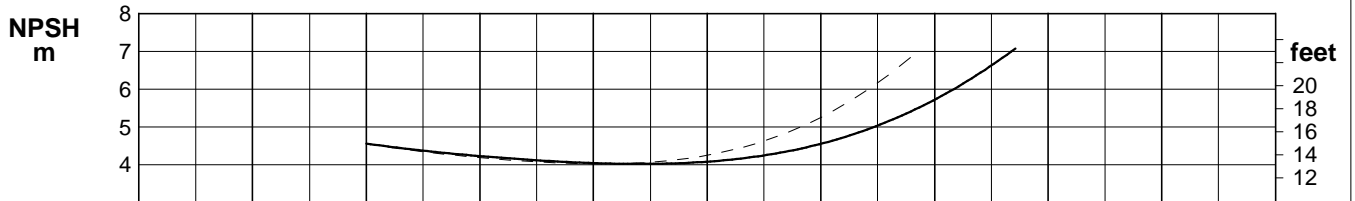
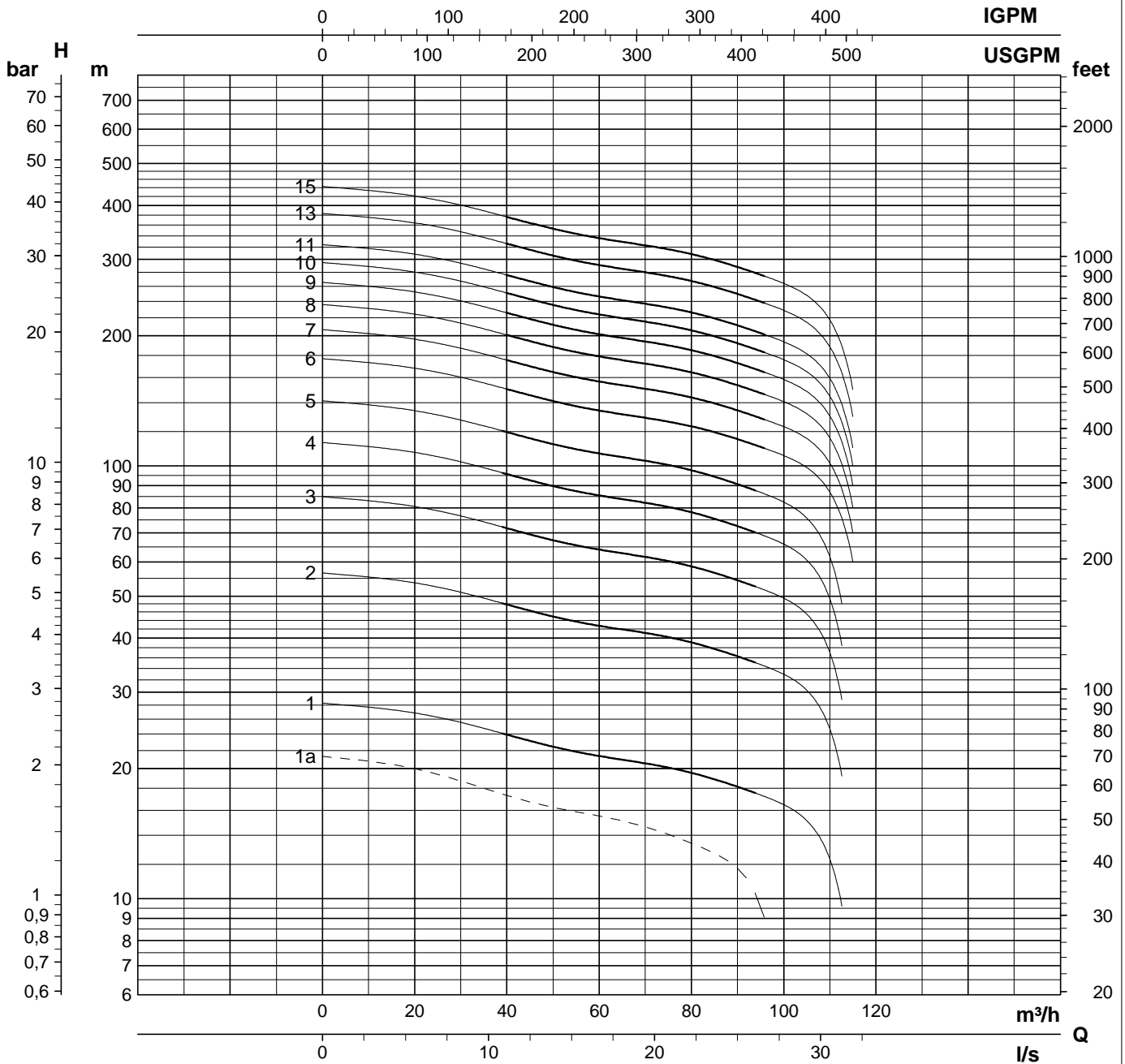
*) Kein Normflansch
No standard flange

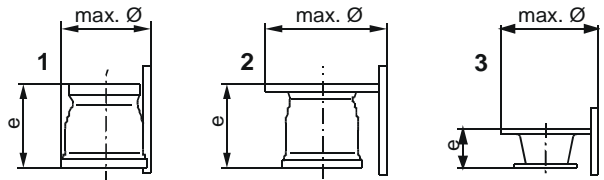
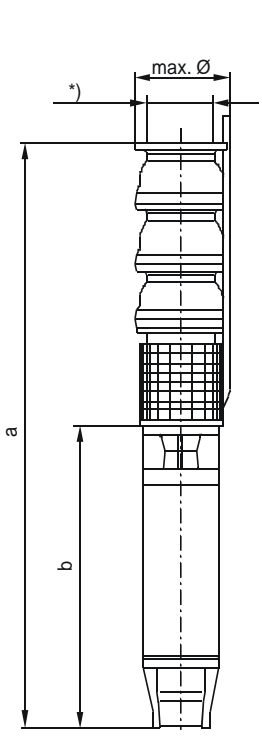


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
1	PN82- 1 + M6-160-2	2)	5,5	13,4	189		865	555	62	h+v	1FI 4x2,5	
1	PN82- 1 +	M6-200-2	7,5	17,2		189	905	595	66	h+v		2FI 3/4x2,5
2	PN82- 2 + M6-240-2	M6-240-2	9,2	20,5	189	189	1060	635	80	h+v	1FI 4x2,5	2FI 3/4x2,5
3	PN82- 3 + M6-305-2	M6-305-2	13	28,5	189	189	1240	700	97	h+v	1FI 4x2,5	2FI 3/4x2,5
4	PN82- 4 + M6-400-2	M6-400-2	18,5	39	190	189	1450	795	118	h+v	1FI 4x4	2FI 3/4x2,5
5	PN82- 5 + M6-460-2	M6-460-2	22	46,5	191	189	1645	875	135	h+v	1FI 4x6	2FI 3/4x2,5
6	PN82- 6 + M6-530-2	M6-530-2	26	54	191	189	1830	945	153	h+v	1FI 4x6	2FI 3/4x2,5
7	PN82- 7 + M6-600-2	M6-600-2	30	62	195	191	2015	1015	171	h+v	1FI 4x10	2FI 3/4x4
8	PN82- 8 + M6-720-2	M6-720-2	37	76	195	191	2250	1135	194	h+v	1FI 4x10	2FI 3/4x4
9	PN82- 9 + M8-480-2	M8-480-2	46	90	198	192	2420	1190	258	h+v	1FI 4x16	2FI 3/4x6
10	PN82-10 + M8-480-2	M8-480-2	46	90	198	192	2535	1190	268	h+v	1FI 4x16	2FI 3/4x6
	PN82-11 + M8-530-2	M8-530-2	50	96	198	192	2700	1240	288	h+v	1FI 4x16	2FI 3/4x6
12	PN82-12 + M8-580-2	M8-580-2	55	105	215	197	2865	1290	309	h+v	1Rd 4x25	2FI 3/4x10
	PN82-13 + M8-650-2	M8-650-2	60	115	215	197	3050	1360	334	h+v	1Rd 4x25	2FI 3/4x10
14	PN82-14 + M8-710-2	M8-710-2	68	130	215	197	3225	1420	356	h+v	1Rd 4x25	2FI 3/4x10
	PN82-15 + M8-820-2	M8-820-2	75	143	196	201	3450	1530	389	v	4Rd 1x16P	2FI 3/4x16
16	PN82-16 + M8-820-2	M8-820-2	75	143	196	201	3565	1530	399	v	4Rd 1x16P	2FI 3/4x16
	PN82-17 + M8-930-2	M8-930-2	83	158	199	201	3790	1640	433	v	4Rd 1x25P	2FI 3/4x16
18	PN82-18 + M8-930-2	M8-930-2	83	158	199	201	3905	1640	443	v	4Rd 1x25P	2FI 3/4x16
	PN82-19 + M8-990-2	M8-990-2	90	172	207	209	4080	1700	466	v	4Rd 1x25P	2FI 3/4x16
20	PN82-20 + MI10-600-2	MI10-600-2	110	220	230	230	4060	1535	499	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN82-21 + MI10-600-2	MI10-600-2	110	220	230	230	4175	1535	510	h+v	4Rd 1x35P	3/4Rd 1x16P
22	PN82-22 + MI10-600-2	MI10-600-2	110	220	230	230	4290	1535	521	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN82-23 + MI10-600-2	MI10-600-2	110	220	230	230	4405	1535	533	h+v	4Rd 1x35P	3/4Rd 1x16P
24	PN82-24 + MI10-600-2	MI10-600-2	110	220	230	230	4520	1535	544	h+v	4Rd 1x35P	3/4Rd 1x16P
	3)											

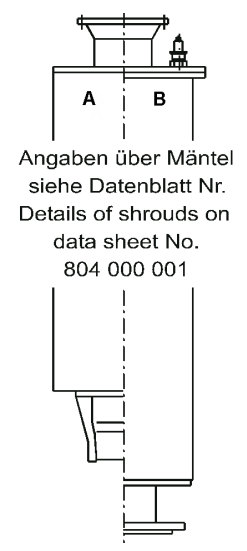
Maße entsprechen der Standardausführung
 Motorleitung muß mit Wasser bedeckt sein
 Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
 1) Max. Durchmesser einschließlich der größten Leitung des Motors M8
 2) Motor nur für Direkteinschaltung möglich
 3) Über 18 Stufen schwere Ausführung

Dimensions according to standard construction
 Motor leads must be submerged
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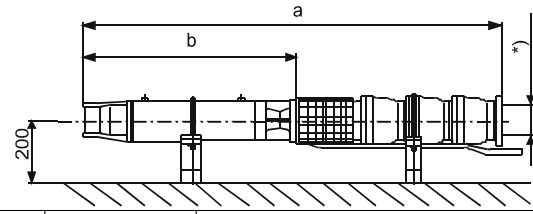




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G5, 5"NPT		205	214	198	13	v
1		G5, 5"NPT	120	213	196	7,2	h+v
2		DN125; PN16	205	250	250	19	v
3		DN125; PN16	70	286	275	8	h+v
2		DN125; PN40	205	270	270	22	v
3		DN125; PN40	70	306	295	12	h+v
3		DN125; PN63	90	331	320	18	h+v
				1)	1)		



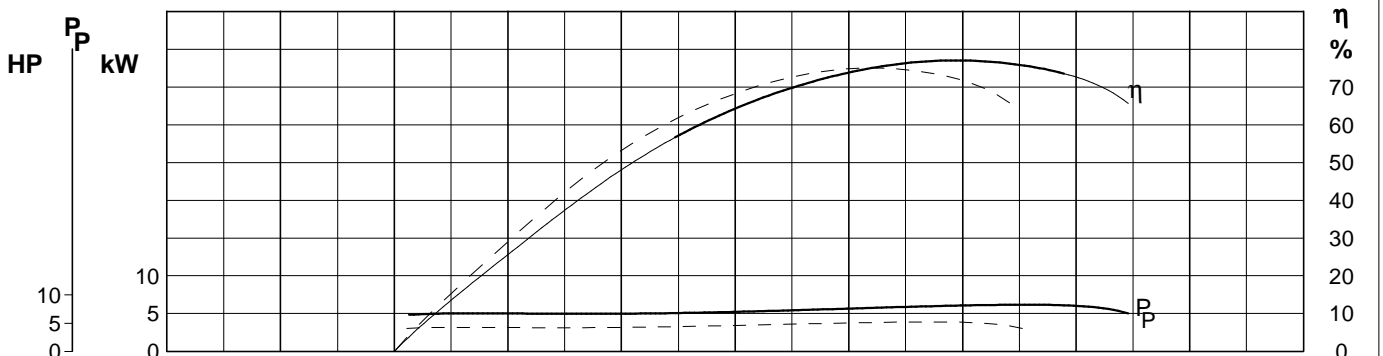
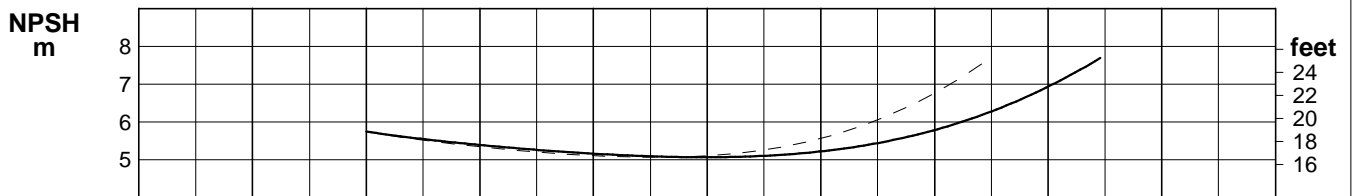
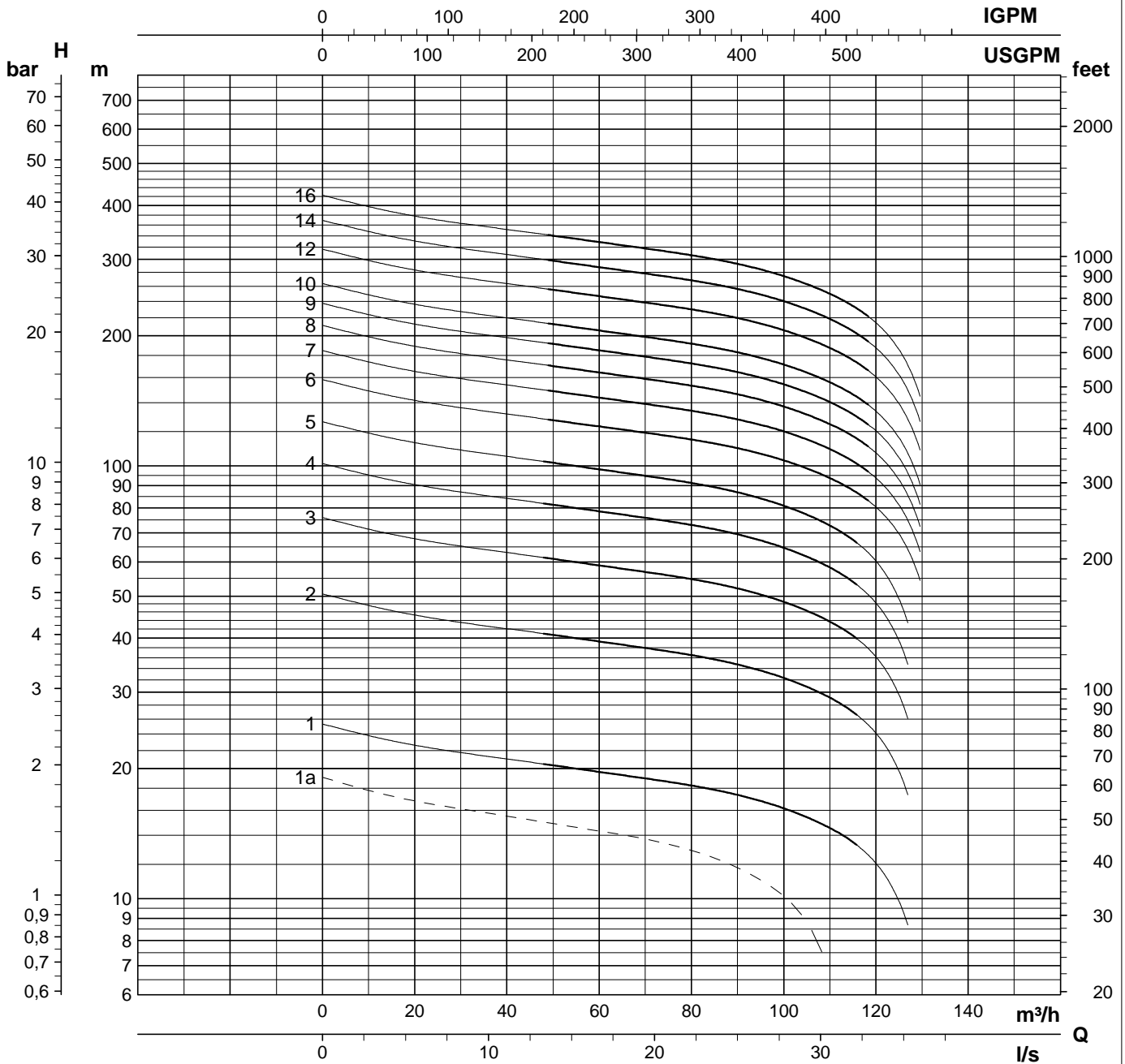
*) Kein Normflansch
No standard flange

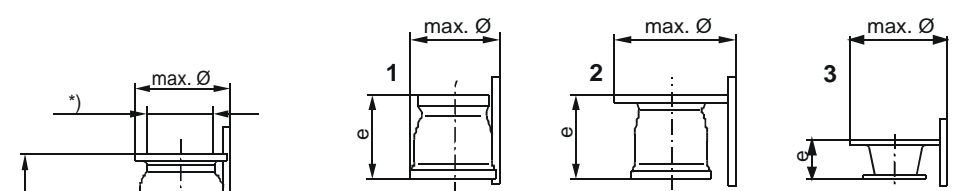


Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
1	PN83- 1 + M6-200-2	M6-200-2	7,5	17,2	189	189	905	595	66	h+v	1FI 4x2,5	2FI 3/4x2,5
2	PN83- 2 + M6-340-2	M6-340-2	15	32	190	189	1160	735	91	h+v	1FI 4x4	2FI 3/4x2,5
3	PN83- 3 + M6-460-2	M6-460-2	22	46,5	191	189	1415	875	115	h+v	1FI 4x6	2FI 3/4x2,5
4	PN83- 4 + M6-600-2	M6-600-2	30	62	195	191	1670	1015	141	h+v	1FI 4x10	2FI 3/4x4
5	PN83- 5 + M6-720-2	M6-720-2	37	76	195	191	1905	1135	164	h+v	1FI 4x10	2FI 3/4x4
6	PN83- 6 + M8-480-2	M8-480-2	46	90	198	192	2075	1190	228	h+v	1FI 4x16	2FI 3/4x6
7	PN83- 7 + M8-580-2	M8-580-2	55	105	215	197	2290	1290	259	h+v	1Rd 4x25	2FI 3/4x10
8	PN83- 8 + M8-650-2	M8-650-2	60	115	215	197	2475	1360	284	h+v	1Rd 4x25	2FI 3/4x10
9	PN83- 9 + M8-710-2	M8-710-2	68	130	215	197	2650	1420	306	h+v	1Rd 4x25	2FI 3/4x10
10	PN83-10 + M8-820-2	M8-820-2	75	143	196	201	2875	1530	339	v	4Rd 1x16P	2FI 3/4x16
11	PN83-11 + M8-930-2	M8-930-2	83	158	199	201	3100	1640	373	v	4Rd 1x25P	2FI 3/4x16
	PN83-12 + M8-990-2	M8-990-2	90	172	199	201	3275	1700	395	v	4Rd 1x25P	2FI 3/4x16
13	PN83-13 + MI10-600-2	MI10-600-2	110	220	230	230	3255	1535	427	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN83-14 + MI10-600-2	MI10-600-2	110	220	230	230	3370	1535	437	h+v	4Rd 1x35P	3/4Rd 1x16P
15	PN83-15 + MI10-600-2	MI10-600-2	110	220	230	230	3485	1535	447	h+v	4Rd 1x35P	3/4Rd 1x16P

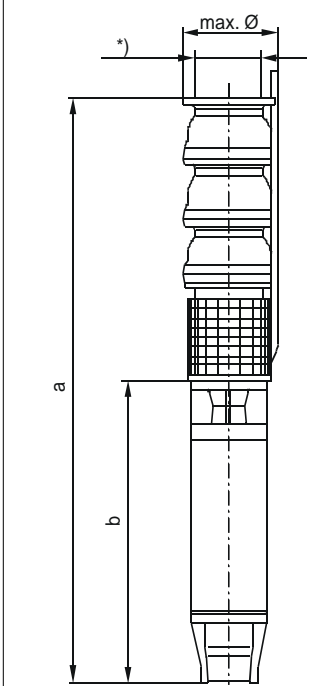
Maße entsprechen der Standardausführung
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 1) Max. Durchmesser einschließlich der größten Leitung des Motors M8

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 Max. diameter incl. largest motor leads of the motor M8

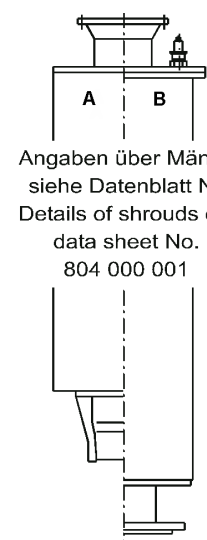
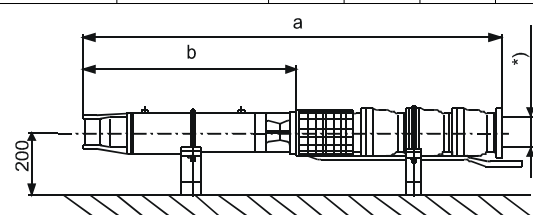




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G5, 5"NPT		205	214	198	13	v
1		G5, 5"NPT	120	213	196	7,2	h+v
2	DN125; PN16		205	250	250	19	v
3		DN125; PN16	70	286	275	8	h+v
2	DN125; PN40		205	270	270	22	v
3		DN125; PN40	70	306	295	12	h+v
3		DN125; PN63	90	331	320	18	h+v
				1)	1)		



*) Kein Normflansch
No standard flange

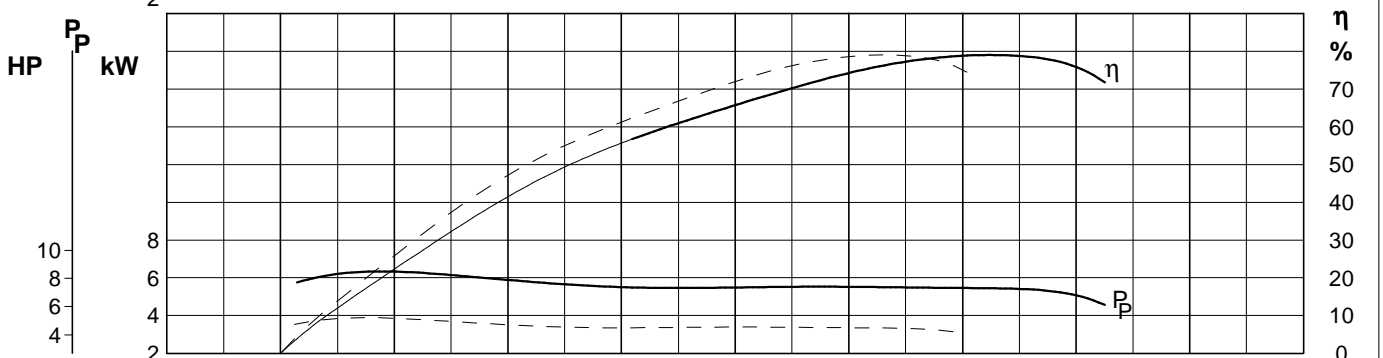
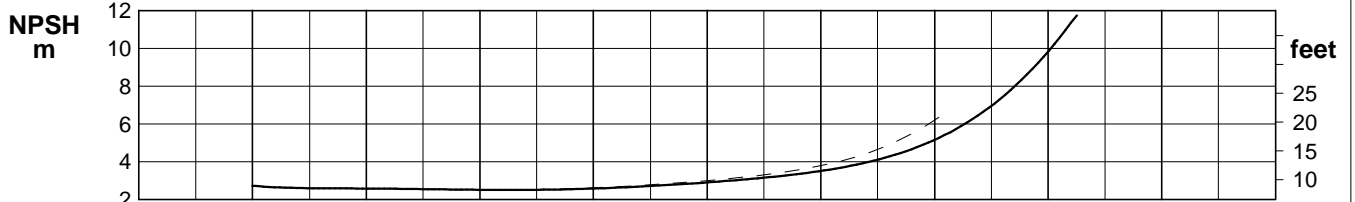
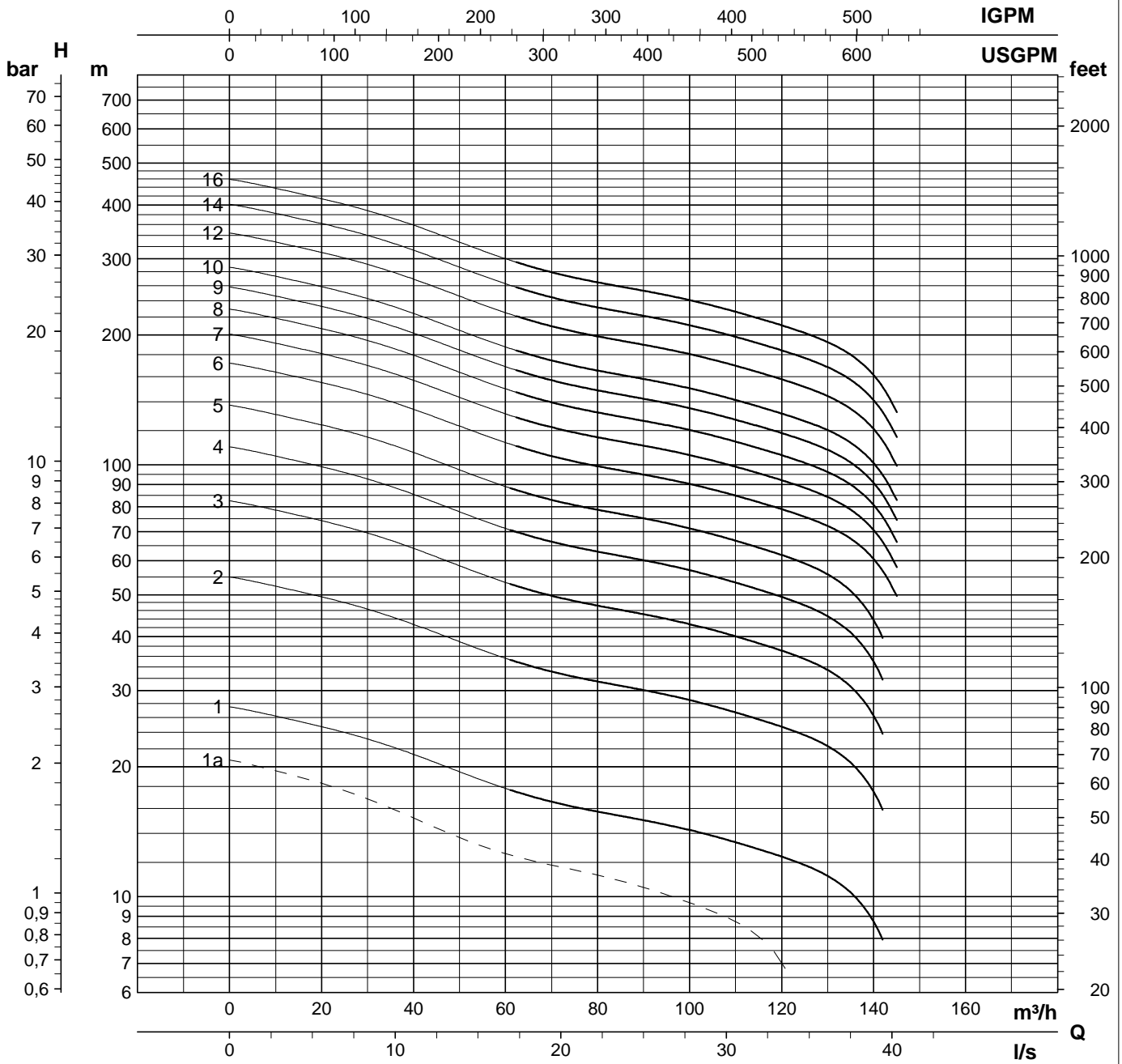


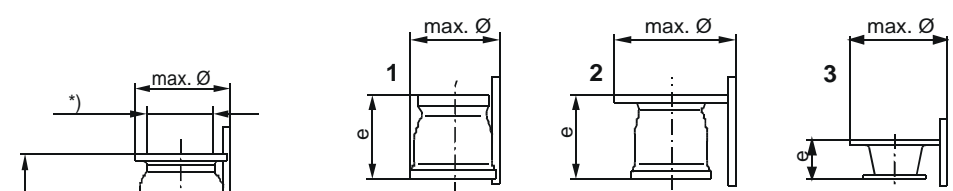
Angaben über Mäntel
siehe Datenblatt Nr.
Details of shrouds on
data sheet No.
804 000 001

Kurve Curve	Pumpe + Motor Pump + Motor	Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm			direkt d.o.l.	YΔ star-delta
1	PN84- 1 + M6-200-2	M6-200-2	7,5	17,2	189	189	905	595	66	h+v	1FI 4x2,5	2FI 3/4x2,5
2	PN84- 2 + M6-305-2	M6-305-2	13	28,5	189	189	1125	700	87	h+v	1FI 4x2,5	2FI 3/4x2,5
3	PN84- 3 + M6-460-2	M6-460-2	22	46,5	191	189	1415	875	115	h+v	1FI 4x6	2FI 3/4x2,5
4	PN84- 4 + M6-530-2	M6-530-2	26	54	191	189	1600	945	133	h+v	1FI 4x6	2FI 3/4x2,5
5	PN84- 5 + M6-650-2	M6-650-2	33	68	195	191	1835	1065	157	h+v	1FI 4x10	2FI 3/4x4
6	PN84- 6 + M8-410-2	M8-410-2	40	79	198	192	2005	1120	213	h+v	1FI 4x16	2FI 3/4x6
7	PN84- 7 + M8-530-2	M8-530-2	50	96	198	192	2240	1240	248	h+v	1FI 4x16	2FI 3/4x6
8	PN84- 8 + M8-580-2	M8-580-2	55	105	215	197	2405	1290	269	h+v	1Rd 4x25	2FI 3/4x10
9	PN84- 9 + M8-650-2	M8-650-2	60	115	215	197	2590	1360	294	h+v	1Rd 4x25	2FI 3/4x10
10	PN84-10 + M8-710-2	M8-710-2	68	130	215	197	2765	1420	316	h+v	1Rd 4x25	2FI 3/4x10
	PN84-11 + M8-820-2	M8-820-2	75	143	196	201	2990	1530	349	v	4Rd 1x16P	2FI 3/4x16
12	PN84-12 + M8-930-2	M8-930-2	83	158	199	201	3215	1640	383	v	4Rd 1x25P	2FI 3/4x16
	PN84-13 + M8-990-2	M8-990-2	90	172	199	201	3390	1700	405	v	4Rd 1x25P	2FI 3/4x16
14	PN84-14 + MI10-600-2	MI10-600-2	110	220	230	230	3370	1535	437	h+v	4Rd 1x35P	3/4Rd 1x16P
	PN84-15 + MI10-600-2	MI10-600-2	110	220	230	230	3485	1535	447	h+v	4Rd 1x35P	3/4Rd 1x16P
16	PN84-16 + MI10-600-2	MI10-600-2	110	220	230	230	3600	1535	457	h+v	4Rd 1x35P	3/4Rd 1x16P

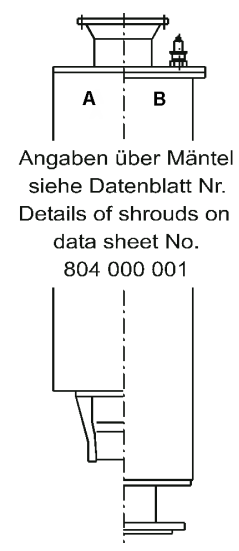
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
1) Max. Durchmesser einschließlich der größten Leitung des Motors M8

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
Max. diameter incl. largest motor leads of the motor M8

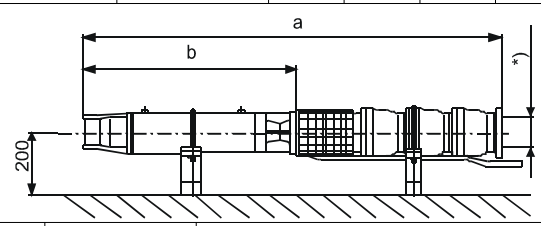




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
			mm	direkt mm	YΔ mm		
1	G5, 5"NPT		205	214	198	13	v
1		G5, 5"NPT	120	213	196	7,2	h+v
1		G5/G6, 5"/6"NPT	75	216	205	5,1	h+v
2	DN125; PN16		205	250	250	19	v
3		DN125; PN16	70	286	275	8	h+v
2	DN150; PN16		209	301	285	20	v
3		DN150; PN16	185	321	310	16	h+v
	1)	1)		2)	2)		



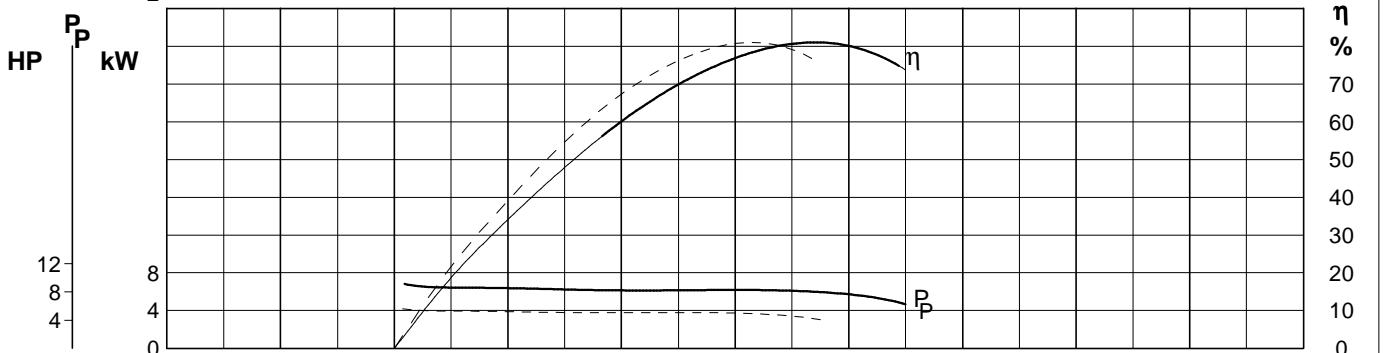
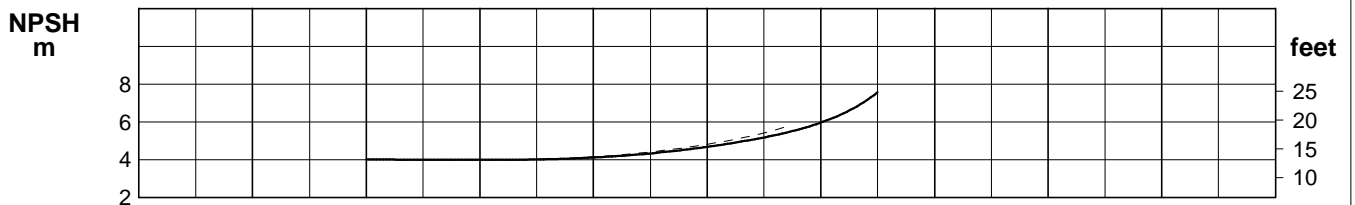
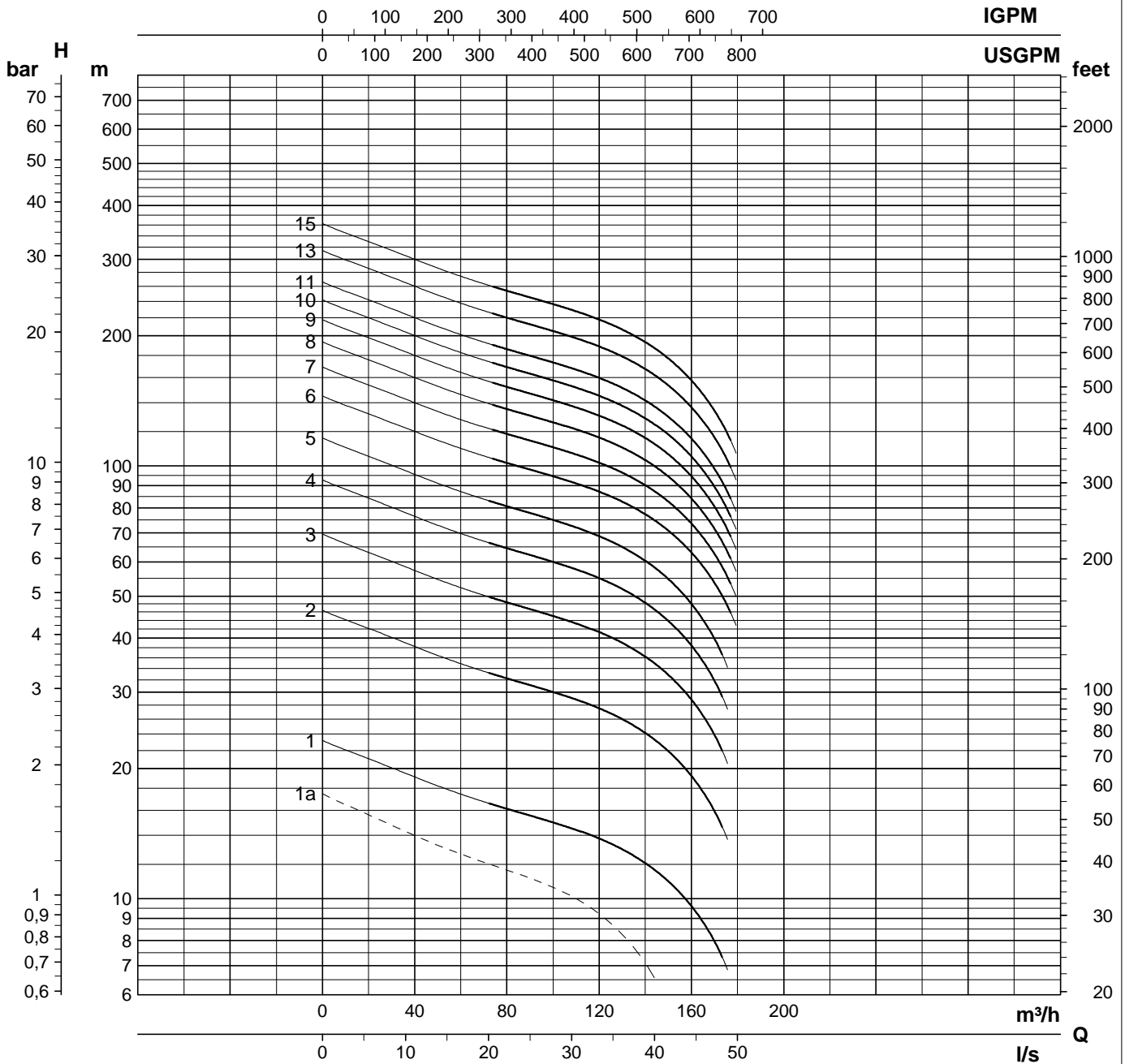
*) Kein Normflansch
No standard flange

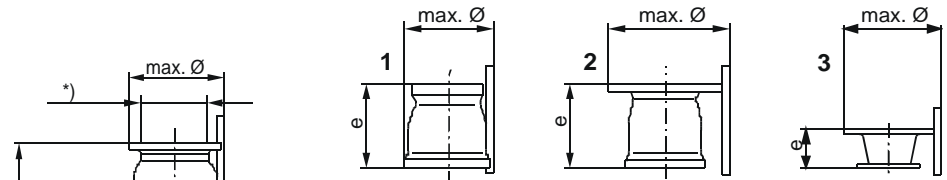


Kurve Curve	Pumpe + Motor Pump + Motor		Motor	Motor		Aggregat / Unit				Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	YΔ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	YΔ mm	Länge / Length a mm	b mm	direkt d.o.l.			YΔ star-delta	
1	QN81- 1 + M6-200-2	M6-200-2	7,5	17,2	189	189	915	595	72	h+v	1FI 4x2,5	2FI 3/4x2,5	
2	QN81- 2 + M6-305-2	M6-305-2	13	28,5	189	189	1145	700	93	h+v	1FI 4x2,5	2FI 3/4x2,5	
3	QN81- 3 + M6-460-2	M6-460-2	22	46,5	191	189	1445	875	121	h+v	1FI 4x6	2FI 3/4x2,5	
4	QN81- 4 + M6-530-2	M6-530-2	26	54	191	189	1640	945	139	h+v	1FI 4x6	2FI 3/4x2,5	
5	QN81- 5 + M6-650-2	M6-650-2	33	68	195	191	1885	1065	163	h+v	1FI 4x10	2FI 3/4x4	
6	QN81- 6 + M8-480-2	M8-480-2	46	90	198	192	2130	1190	234	h+v	1FI 4x16	2FI 3/4x6	
7	QN81- 7 + M8-530-2	M8-530-2	50	96	198	192	2305	1240	254	h+v	1FI 4x16	2FI 3/4x6	
8	QN81- 8 + M8-580-2	M8-580-2	55	105	215	197	2480	1290	275	h+v	1Rd 4x25	2FI 3/4x10	
9	QN81- 9 + M8-710-2	M8-710-2	68	130	215	197	2735	1420	312	h+v	1Rd 4x25	2FI 3/4x10	
10	QN81-10 + M8-710-2	M8-710-2	68	130	215	197	2860	1420	322	h+v	1Rd 4x25	2FI 3/4x10	
	QN81-11 + M8-820-2	M8-820-2	75	143	196	201	3095	1530	355	v	4Rd 1x16P	2FI 3/4x16	
12	QN81-12 + M8-930-2	M8-930-2	83	158	199	201	3330	1640	389	v	4Rd 1x25P	2FI 3/4x16	
	QN81-13 + M8-990-2	M8-990-2	90	172	199	201	3515	1700	411	v	4Rd 1x25P	2FI 3/4x16	
14	QN81-14 + MI10-600-2	MI10-600-2	110	220	230	230	3505	1535	443	h+v	4Rd 1x35P	3/4Rd 1x16P	
	QN81-15 + MI10-600-2	MI10-600-2	110	220	230	230	3630	1535	453	h+v	4Rd 1x35P	3/4Rd 1x16P	
16	QN81-16 + MI10-600-2	MI10-600-2	110	220	230	230	3755	1535	463	h+v	4Rd 1x35P	3/4Rd 1x16P	

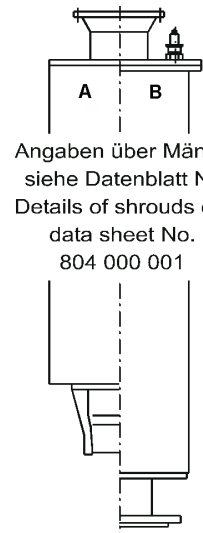
Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
1) Druckstufe PN40 bei mehr als 8 Stufen
2) Max. Durchmesser einschließlich der größten Leitung des Motors M8

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
Pressure rating PN40 above 8 stages
Max. diameter incl. largest motor leads of the motor M8

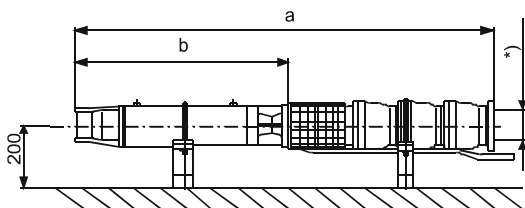




Steigrohranschluss / Piping connection							
Abbildung Figure	Rückschlagventil Non-Return Valve	Übergangsstück Taper	e	max. Ø 400 V		Gew. Weight kg	Installation
				direkt mm	Y Δ mm		
1	G5, 5"NPT		205	214	198	13	v
1		G5, 5"NPT	120	213	196	7,2	h+v
1		G5/G6, 5"/6"NPT	75	216	205	5,1	h+v
2	DN125; PN16		205	250	250	19	v
3		DN125; PN16	70	286	275	8	h+v
2	DN150; PN16		209	301	285	20	v
3		DN150; PN16	185	321	310	16	h+v
	1)	1)		2)	2)		



*) Kein Normflansch
No standard flange



Kurve Curve	Pumpe + Motor Pump + Motor		Motor		Motor		Aggregat / Unit		Gew. Weight kg	Installation	Motorleitung Motor leads	
	direkt d.o.l.	Y Δ star-delta	P kW	I 400 V A	max. Ø 400 V direkt mm	Y Δ mm	Länge / Length a mm	b mm			direkt d.o.l.	Y Δ star-delta
1	QN83- 1 + M6-200-2	M6-200-2	7,5	17,2	189	189	915	595	72	h+v	1FI 4x2,5	2FI 3/4x2,5
2	QN83- 2 + M6-340-2	M6-340-2	15	32	190	189	1180	735	97	h+v	1FI 4x4	2FI 3/4x2,5
3	QN83- 3 + M6-460-2	M6-460-2	22	46,5	191	189	1445	875	121	h+v	1FI 4x6	2FI 3/4x2,5
4	QN83- 4 + M6-600-2	M6-600-2	30	62	195	191	1710	1015	147	h+v	1FI 4x10	2FI 3/4x4
5	QN83- 5 + M6-720-2	M6-720-2	37	76	195	191	1955	1135	170	h+v	1FI 4x10	2FI 3/4x4
6	QN83- 6 + M8-480-2	M8-480-2	46	90	198	192	2130	1190	234	h+v	1FI 4x16	2FI 3/4x6
7	QN83- 7 + M8-530-2	M8-530-2	50	96	198	192	2305	1240	254	h+v	1FI 4x16	2FI 3/4x6
8	QN83- 8 + M8-650-2	M8-650-2	60	115	215	197	2550	1360	290	h+v	1Rd 4x25	2FI 3/4x10
9	QN83- 9 + M8-710-2	M8-710-2	68	130	215	197	2735	1420	312	h+v	1Rd 4x25	2FI 3/4x10
10	QN83-10 + M8-820-2	M8-820-2	75	143	196	201	2970	1530	345	v	4Rd 1x16P	2FI 3/4x16
11	QN83-11 + M8-930-2	M8-930-2	83	158	199	201	3205	1640	379	v	4Rd 1x25P	2FI 3/4x16
	QN83-12 + M8-990-2	M8-990-2	90	172	199	201	3390	1700	401	v	4Rd 1x25P	2FI 3/4x16
13	QN83-13 + MI10-600-2	MI10-600-2	110	220	230	230	3380	1535	433	h+v	4Rd 1x35P	3/4Rd 1x16P
	QN83-14 + MI10-600-2	MI10-600-2	110	220	230	230	3505	1535	443	h+v	4Rd 1x35P	3/4Rd 1x16P
15	QN83-15 + MI10-600-2	MI10-600-2	110	220	230	230	3630	1535	453	h+v	4Rd 1x35P	3/4Rd 1x16P

Maße entsprechen der Standardausführung
Motorleitung muß mit Wasser bedeckt sein
Motorauswahl für Wassertemp. ≤ 20 °C u. Strömungsgeschw. am Motor ≥ 0,25 m/s
1) Druckstufe PN40 bei mehr als 9 Stufen
2) Max. Durchmesser einschließlich der größten Leitung des Motors M8

Dimensions according to standard construction
Motor leads must be submerged
Motor select. for water temp. ≤ 20 °C and velocity at motor surf. ≥ 0,25 m/s
Pressure rating PN40 above 9 stages
Max. diameter incl. largest motor leads of the motor M8