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Version		3M4	3S4	3P4	3LM4	3LS4	3LP4
Pump sizes	32-125						
	32-160						
	32-200						
	40-125						
	40-160						
	40-200						
	50-125						
	50-160						
	50-200						
	65-125						
	65-160						
	65-200						
	65-250	-	-	-			
	80-160	-	-	-			
	80-200	-	-	-			
	80-250	-	-	-			

■ Available also with H, HS, HW, HSW, E version.

● Available also with H, HW, HSW, E version.

— Not available.

SPECIFICATION

50Hz

Rev. L

PUMP						
Version			3M4	3S4	3P4	3LM4 3LS4 3LP4
Liquid Handled	Type of liquid		Clean water and moderately aggressive fluids			
			/		Drinking water and water contains glycol for E option	
	Temperature [°C]	min. -10 min. -20 (E version) max. +90 (Q1Q1EGG, Q1U3EGG, Q1AEGG, U3U3EGG, U3CEGG) max. +110 (H-HS-HW-HSW version) max. +120 (E version) (For version see page 321+325)		min. -10 min. -20 (E version) max. +110 (L, Q1Q13GG, Q1U3EGG, Q1AEGG, U3U3EGG, U3CEGG) max. +110 (H-HW-HSW version) max. +120 (E version) (For version see page 321+325)		
Maximum working pressure [MPa]			1			
Construction	Impeller		Closed centrifugal type for 32, 40, 50 version Reinforced laser welding for 40-200/1.5, 50-200/2.2 Closed centrifugal three dimensional blades for 65 and 80 version			
	Shaft seal type		Mechanical seal		Mechanical seal with stationary ring secured against rotation	
	Bearing		Bearing with contact seal			
Pipe Connection	Suction	32-125/160/200		Flange DN50 according DIN 2532 Standard		
		40-125/160/200		Flange DN65 according DIN 2532 Standard		
		50-125/160/200				
		65-125/160/200/250		Flange DN80 according DIN 2532 Standard		
		80-160/200/250		Flange DN100 according DIN 2532 Standard		
	Discharge	32-125/160/200		Flange DN32 according DIN 2532 Standard		
		40-125/160/200		Flange DN40 according DIN 2532 Standard		
		50-125/160/200		Flange DN50 according DIN 2532 Standard		
		65-125/160/200/250		Flange DN65 according DIN 2532 Standard		
		80-160/200/250		Flange DN80 according DIN 2532 Standard		
Material	Casing	32-125/160/200		EN 1.4301 (AISI 304)		EN 1.4404 (AISI 316L)
		40-125/160/200				
		50-125/160/200				
		65-125/160/200				
		65-250		/		EN 1.4401 (AISI 316) made by precision casting
	Impeller	32-125/160/200		EN 1.4301 (AISI 304)		EN 1.4404 (AISI 316L)
		40-125/160/200				
		50-125/160/200				
		65-125/160/200		EN 1.4401 (AISI 316) made by precision casting		
		65-250		/		EN 1.4401 (AISI 316) made by precision casting
	Casing cover	80-160/200/250				made by precision casting
		32-125/160/200		EN 1.4301 (AISI 304)		EN 1.4404 (AISI 316L)
		40-125/160/200				
		50-125/160/200				
		65-125/160/200				
	Mechanical seal	65-250		/		EN 1.4401 (AISI 316) made by precision casting
		80-160/200/250				
		32-125/160/200		Ceramic/Carbon/NBR (See page 321+325)		SiC/SiC/FPM (L version) (See page 321+325)
		40-125/160/200				
50-125/160/200						
O-ring	65-125/160/200					
	65-250		/			
	80-160/200/250					
	NBR (See page 321+325)				FPM (See page 321+325)	
Shaft	32, 40, 50, 65	d=19	EN 1.4301 (AISI 304)		EN 1.4404 (AISI 316L)	
	50-200/2.2	d=22				
	80-160	d=19	/			
	65-250	d=24				
	80-200/250					
Bracket			Cast iron - Aluminium			
Applicable standard of test			ISO 9906:2012 – Grade 3B			

SPECIFICATION

50Hz

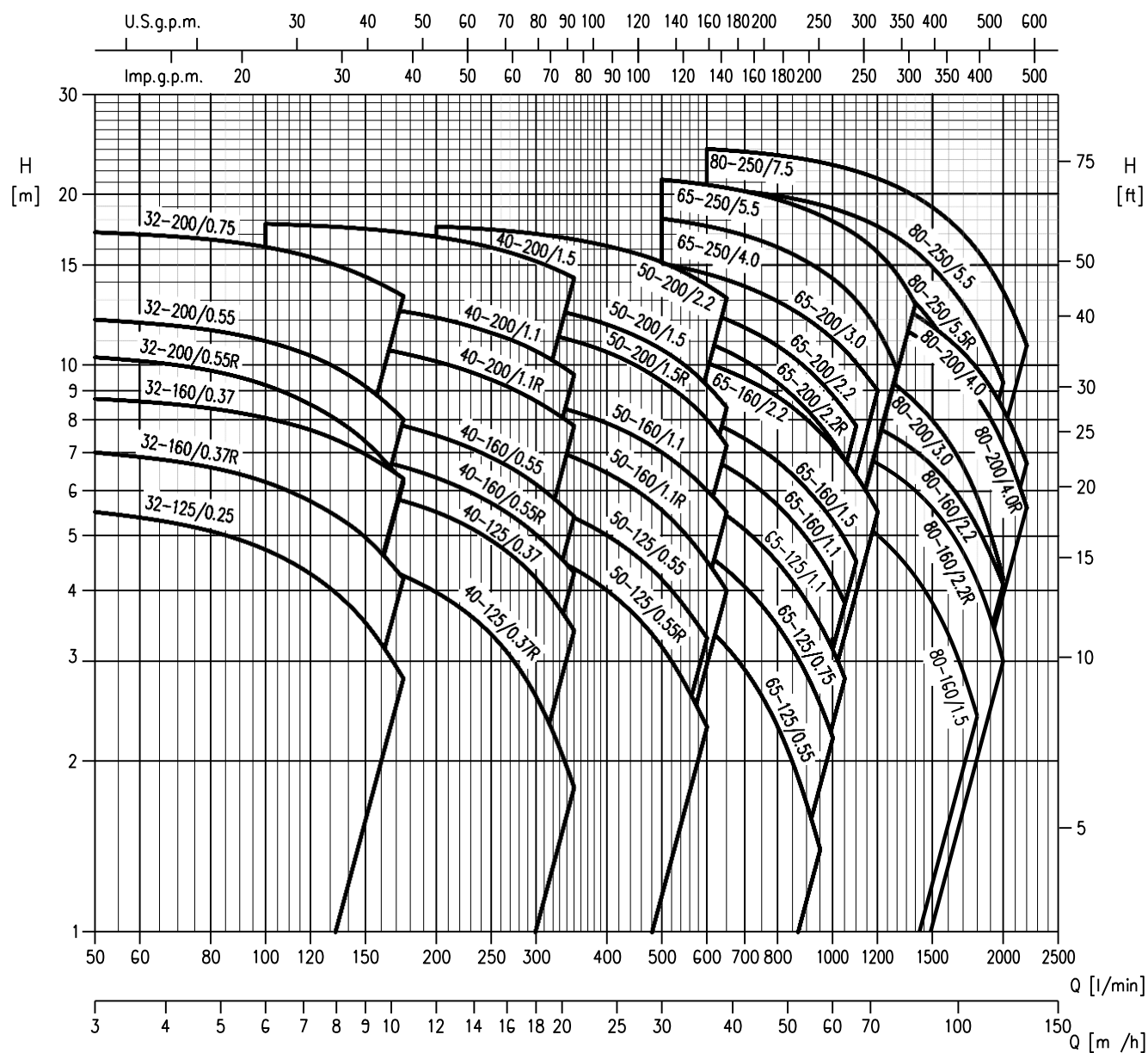
Rev. L

MOTOR			
Type	3(.)M4	3(.)S4	3(.)P4
	Electric - TEFC		
	Three Phase		
Efficiency level (Reg. 640/2009)	- from 0.25 kW up to 0.55 kW IE2 from 0.75 kW up to 5.5 kW		
	IE3 only for 7.5 kW	IE3 from 0.75 kW up to 7.5 kW	
No. of Poles	4		
Rotation speed [min ⁻¹]	≈ 1400		
Insulation Class	F (class B fot temperature rise)		
Protection degree (CEI EN 60034-5)	IP 55		
Power rating [kW]	0.25 ÷ 7.5		
[HP]	0.33 ÷ 10		
Frequency [Hz]	50		
Voltage [V]	230/400 ±10% (up to 4.0 kW) 400/690 ±10% (5.5 kW and above)		
Over load protection	Provided by the user		
Casing material	Aluminium		
Motor support	Cast iron - Alluminium		
Dimensions of cable entry	PG11 PG13.5 PG16 PG21	M20x1.5 M25x1.5 M32x1.5	
Flange mount (IEC motor)	/	IM B5 (up to 1.5 kW) IM B35 (2.2 kw and above)	IM B3

3 SERIES 4 Poles

50Hz

PERFORMANCE RANGE



SELECTION CHART**3 SERIES 4 Poles: 32, 40, 50 Version**

Pump type	Power		Q=Capacity													
	[kW]	[HP]	l/min	0	50	100	150	175	200	250	300	350	400	500	600	650
			m³/h	0	3	6	9	10.5	12	15	18	21	24	30	36	39
H=Total manometric head in meters																
32-125/0.25	0.25	0.33	5.7	5.5	4.7	3.5	2.8	-	-	-	-	-	-	-	-	-
32-160/0.37R	0.37	0.5	7.3	7	6.2	5	4.2	-	-	-	-	-	-	-	-	-
32-160/0.37	0.37	0.5	9	8.7	8.1	7	6.3	-	-	-	-	-	-	-	-	-
32-200/0.55R	0.55	0.75	10.8	10.3	9.2	7.3	6.2	-	-	-	-	-	-	-	-	-
32-200/0.55	0.55	0.75	12.5	12	11	9.2	8	-	-	-	-	-	-	-	-	-
32-200/0.75	0.75	1	17.5	17.1	16.1	14.3	13.2	-	-	-	-	-	-	-	-	-
40-125/0.37R	0.37	0.5	5.1	-	4.8	4.5	4.3	4	3.4	2.6	1.8	-	-	-	-	-
40-125/0.37	0.37	0.5	6.5	-	6.3	6	5.8	5.5	4.9	4.2	3.4	-	-	-	-	-
40-160/0.55R	0.55	0.75	7.7	-	7.3	6.9	6.6	6.3	5.7	5	4.3	-	-	-	-	-
40-160/0.55	0.55	0.75	9.1	-	8.6	8.1	7.8	7.5	6.9	6.2	5.4	-	-	-	-	-
40-200/1.1R	1.1	1.5	11.6	-	11.2	10.8	10.5	10.1	9.4	8.6	7.8	-	-	-	-	-
40-200/1.1	1.1	1.5	13.6	-	13.2	12.7	12.4	12.1	11.4	10.6	9.6	-	-	-	-	-
40-200/1.5	1.5	2	18	-	17.7	17.3	17.1	16.8	16.1	15.2	14.2	-	-	-	-	-
50-125/0.55R	0.55	0.75	5.4	-	-	-	-	5.2	5	4.7	4.4	4	3.2	2.3	-	-
50-125/0.55	0.55	0.75	6.4	-	-	-	-	6.2	6	5.7	5.4	5	4.2	3.3	-	-
50-160/1.1R	1.1	1.5	8.2	-	-	-	-	7.8	7.6	7.2	6.9	6.4	5.5	4.5	4	-
50-160/1.1	1.1	1.5	9.5	-	-	-	-	9.1	8.9	8.6	8.3	7.9	7	6	5.5	-
50-200/1.5R	1.5	2	12.7	-	-	-	-	12.1	11.8	11.4	11	10.5	9.3	8	7.2	-
50-200/1.5	1.5	2	14	-	-	-	-	13.3	13	12.7	12.2	11.8	10.6	9.2	8.4	-
50-200/2.2	2.2	3	17.8	-	-	-	-	17.5	17.3	17	16.6	16.2	15.1	13.8	13.1	-

3 SERIES 4 Poles: 65, 80 Version

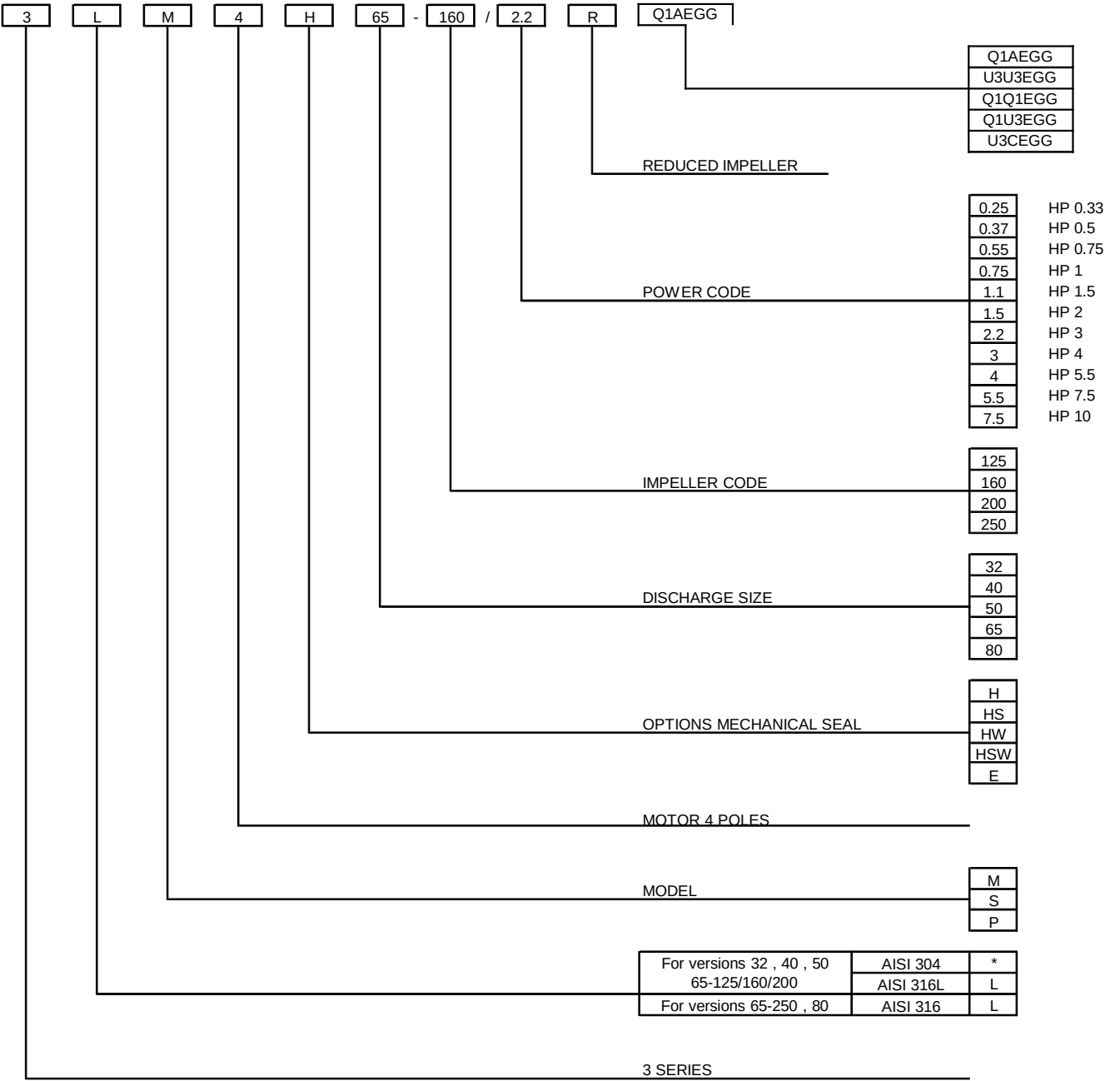
Pump type	Power		Q=Capacity																	
			l/min	0	300	350	500	600	800	950	1000	1050	1100	1200	1300	1400	1600	1800	2000	2200
	[kW]	[HP]	m³/h	0	18	21	30	36	48	57	60	63	66	72	78	84	96	108	120	132
H=Total manometric head in meters																				
65-125/0.55	0.55	0.75	5.3	4.8	4.6	4	3.5	2.3	1.4	-	-	-	-	-	-	-	-	-	-	-
65-125/0.75	0.75	1	6.4	6	5.8	5.2	4.6	3.5	2.5	2.2	-	-	-	-	-	-	-	-	-	-
65-125/1.1	1.1	1.5	7.7	7.2	7	6.3	5.7	4.5	3.5	3.2	2.8	-	-	-	-	-	-	-	-	-
65-160/1.1	1.1	1.5	8.6	-	8.1	7.4	6.9	5.7	4.6	4.2	3.8	-	-	-	-	-	-	-	-	-
65-160/1.5	1.5	2	9.7	-	9.2	8.5	8	6.7	5.7	5.3	4.9	4.5	-	-	-	-	-	-	-	-
65-160/2.2	2.2	3	11.8	-	11.3	10.6	10.1	8.8	7.6	7.2	6.8	6.4	5.5	-	-	-	-	-	-	-
65-200/2.2R	2.2	3	13	-	12.4	11.6	10.9	9.3	7.8	7.3	6.8	-	-	-	-	-	-	-	-	-
65-200/2.2	2.2	3	14.5	-	13.9	13	12.4	10.8	9.3	8.8	8.3	7.8	-	-	-	-	-	-	-	-
65-200/3	3	4	16.3	-	15.8	15.1	14.4	12.9	11.6	11.1	10.6	10.1	9	-	-	-	-	-	-	-
65-250/4	4	5.5	18.8	-	-	18.1	17.6	16.1	14.7	14.2	13.7	13	11.6	9.8	-	-	-	-	-	-
65-250/5.5	5.5	7.5	21.8	-	-	21.2	20.8	19.6	18.4	17.9	17.5	17	15.8	14.4	12.8	-	-	-	-	-
80-160/1.5	1.5	2	7.3	-	-	-	6.8	6.3	5.9	5.7	5.6	5.4	5	4.6	4.2	3.4	2.4	-	-	-
80-160/2.2R	2.2	3	8.6	-	-	-	8.1	7.8	7.4	7.3	7.1	7	6.7	6.4	6	5.2	4.2	3	-	-
80-160/2.2	2.2	3	9.5	-	-	-	9.1	8.8	8.4	8.3	8.2	8	7.8	7.4	7.1	6.2	5.2	4.1	-	-
80-200/3	3	4	12.4	-	-	-	12	11.5	10.9	10.7	10.4	10.2	9.7	9.2	8.6	7.3	5.9	4.2	-	-
80-200/4R	4	5.5	14.8	-	-	-	14.4	13.9	13.4	13.2	12.9	12.7	12.2	11.7	11.2	10.1	8.8	7.2	5.6	-
80-200/4	4	5.5	16.0	-	-	-	15.4	14.9	14.3	14.1	13.9	13.7	13.2	12.8	12.3	11.1	9.9	8.4	6.7	-
80-250/5.5R	5.5	7.5	18.5	-	-	-	17.7	17	16.3	16	15.7	15.4	14.6	13.8	12.9	10.7	8.4	-	-	-
80-250/5.5	5.5	7.5	21.2	-	-	-	20.5	19.9	19.1	18.9	18.6	18.2	17.6	16.8	15.9	13.8	11.7	9.3	-	-
80-250/7.5	7.5	10	24.5	-	-	-	24	23.4	22.8	22.5	22.2	21.9	21.3	20.6	19.8	18	15.9	13.5	10.8	-

TYPE KEY AND CURVE SPECIFICATIONS

50Hz

Rev. L

TYPE KEY



(*) No indication

PERFORMANCE CURVE SPECIFICATIONS

The specifications below qualify the curves shown on the following pages.

Tolerances according to ISO 9906:2012 - Grade 3B

The curves refer to effective speed of asynchronous motors at 50 Hz, 4 poles.

Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt)

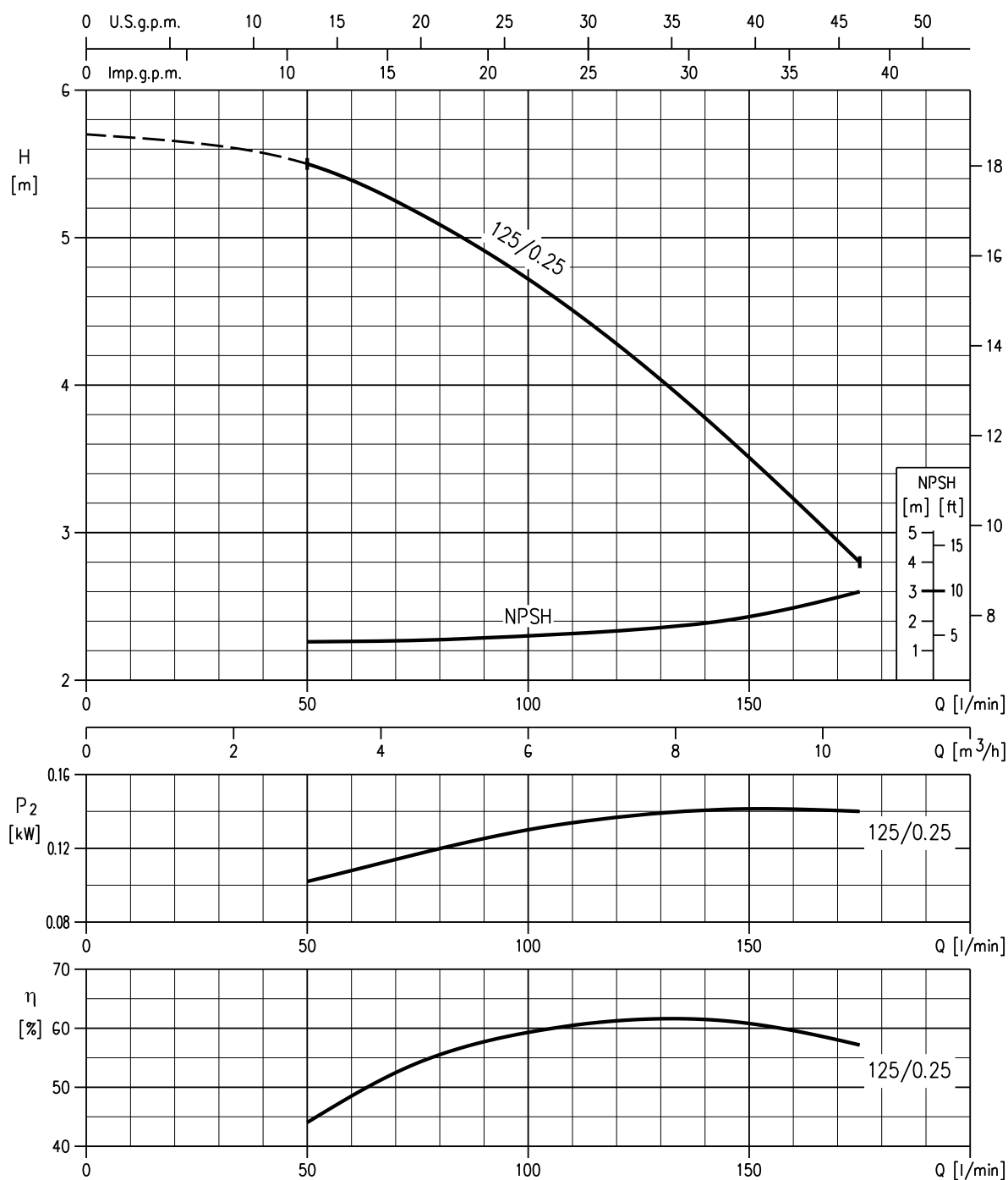
The NPSH curve is an average curve obtained in the same conditions of performance curves.

The continuous curves indicate the recommended working range. The dotted curve is only a guide.

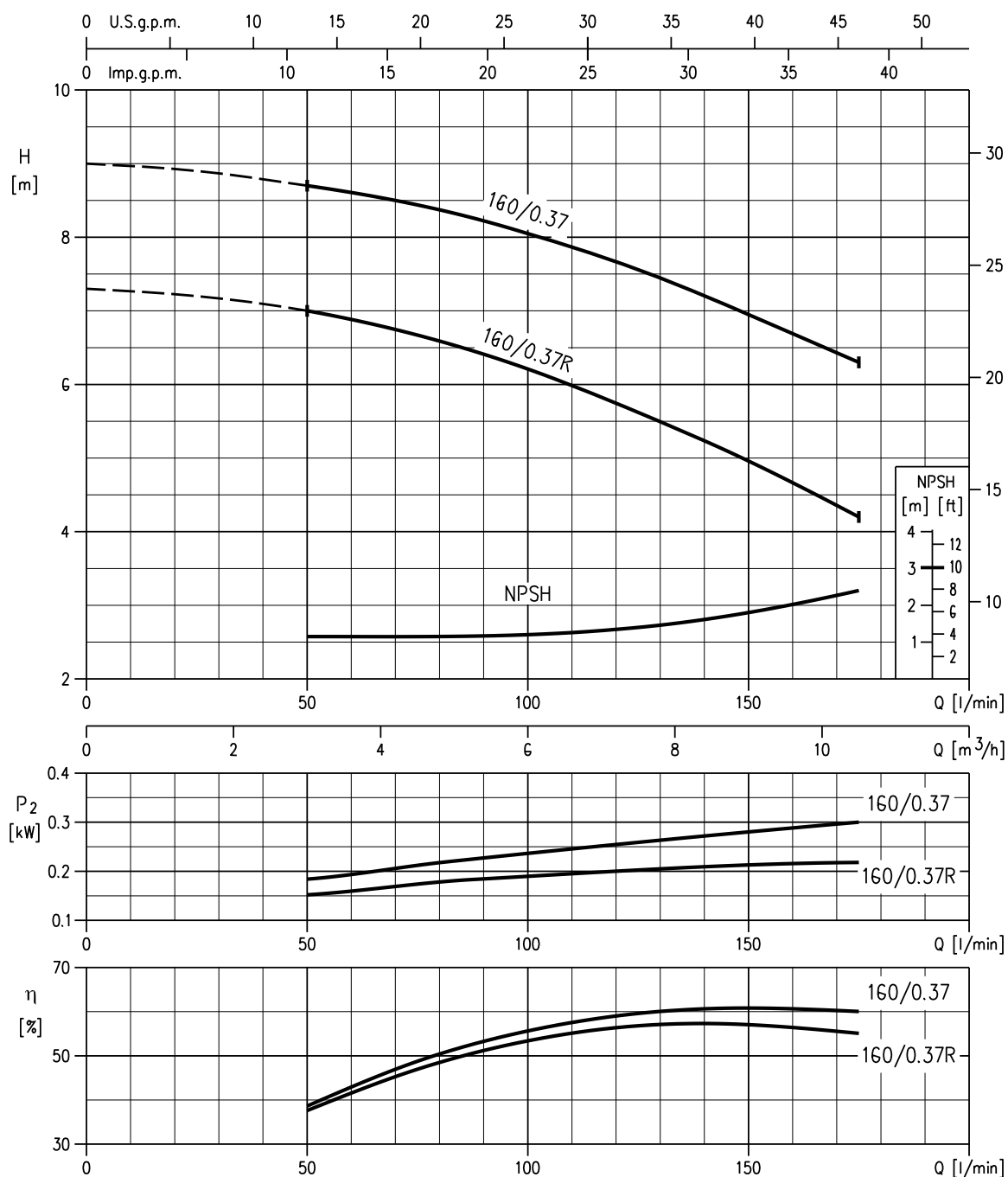
In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

Symbols explanation:

- Q = volume flow rate
- H = total head
- P₂ = pump power input (shaft power)
- η = pump efficiency
- NPSH = net positive suction head required by the pump
- MEI = minimum efficiency index

32-125/0.25 (0.25 kW) MEI > 0.50 – impeller diameter = 133 mmRotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

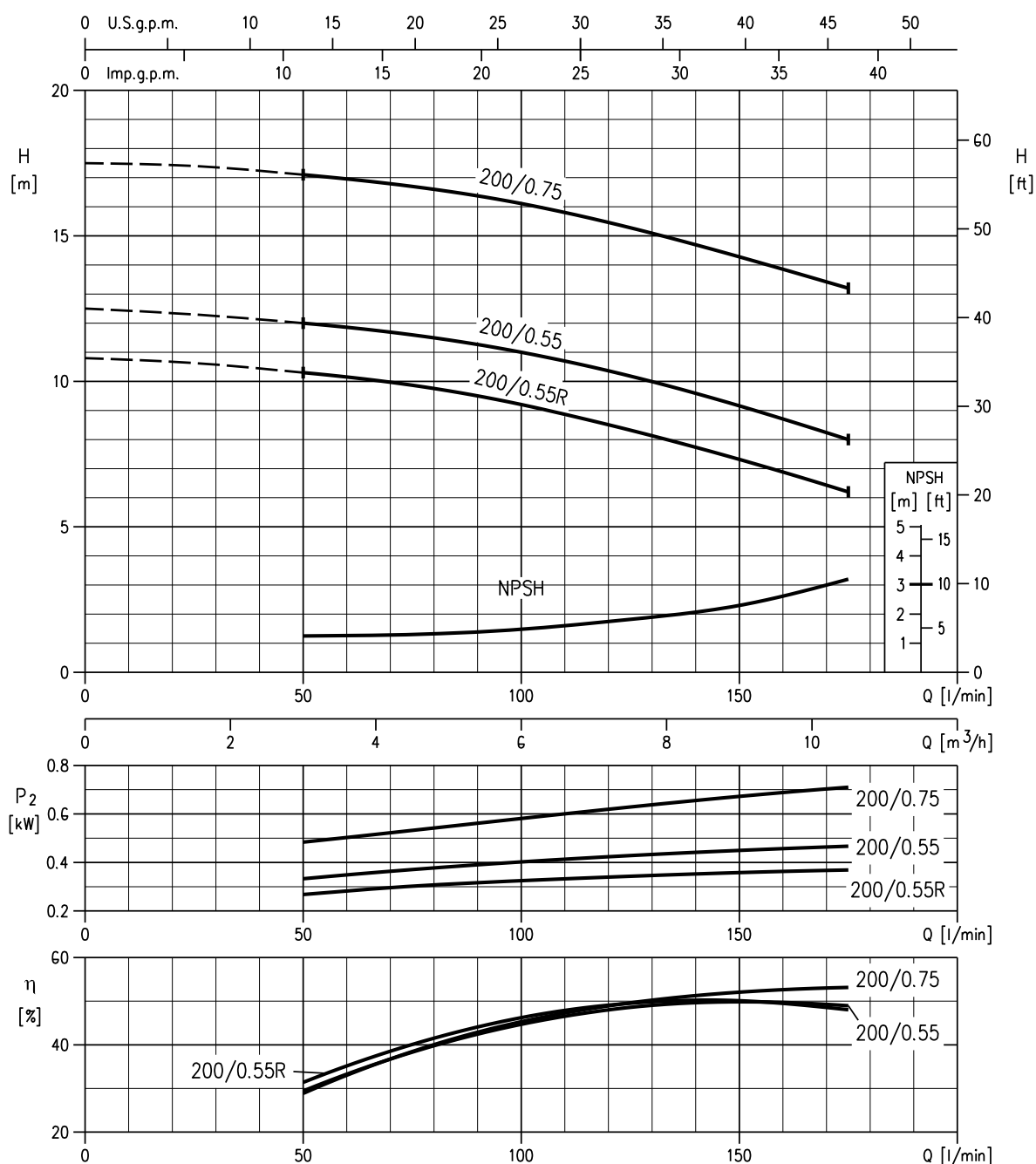
32-160/0.37R (0.37kW) MEI > 0.70 – impeller diameter = 151 mm**32-160/0.37 (0.37kW) MEI > 0.70 – impeller diameter = 166 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

32-200/0.55R (0.55 kW) MEI > 0.70 – impeller diameter = 186 mm

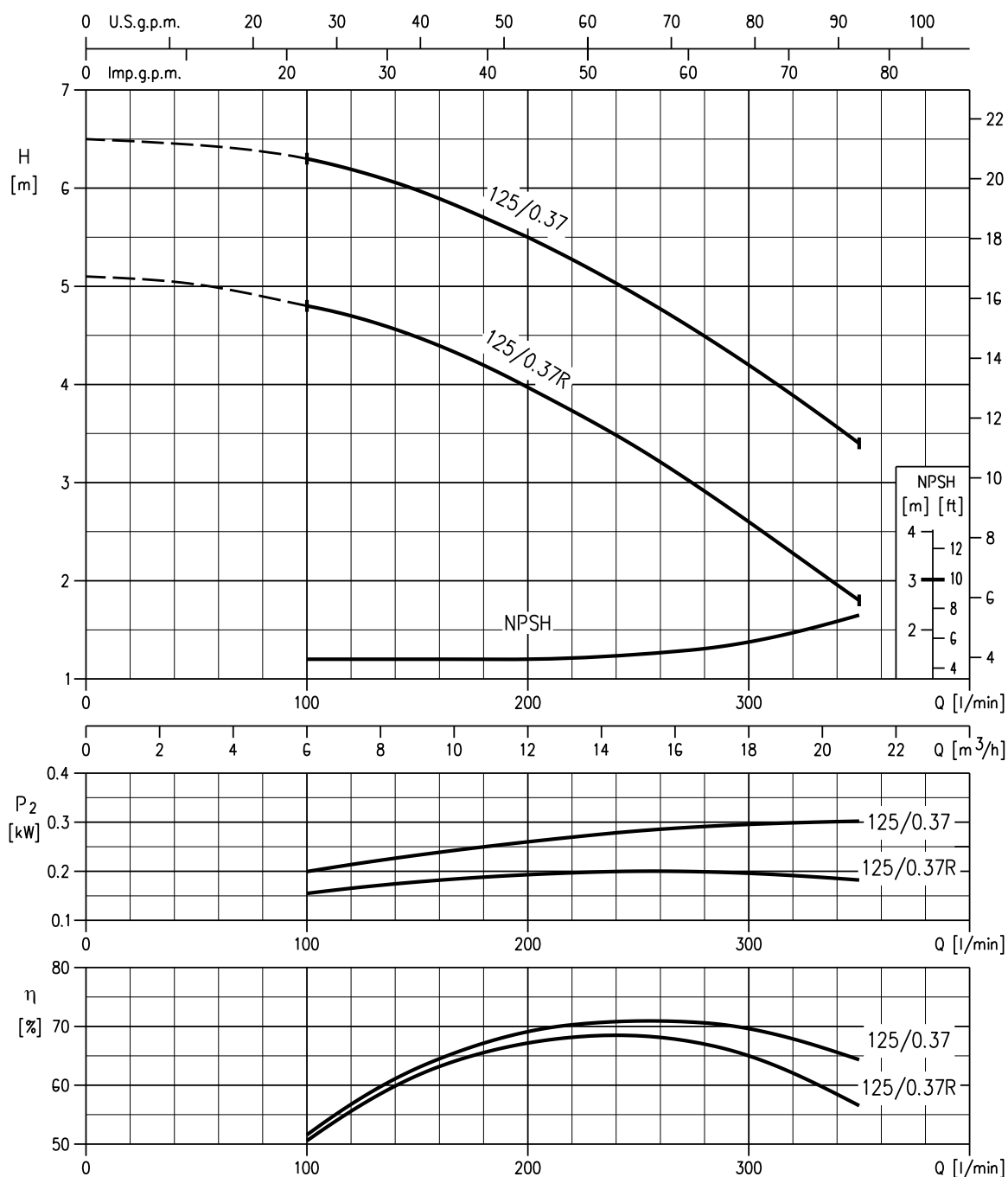
32-200/0.55 (0.55kW) MEI > 0.70 – impeller diameter = 200 mm

32-200/0.75 (0.55kW) MEI > 0.70 – impeller diameter = 224 mm

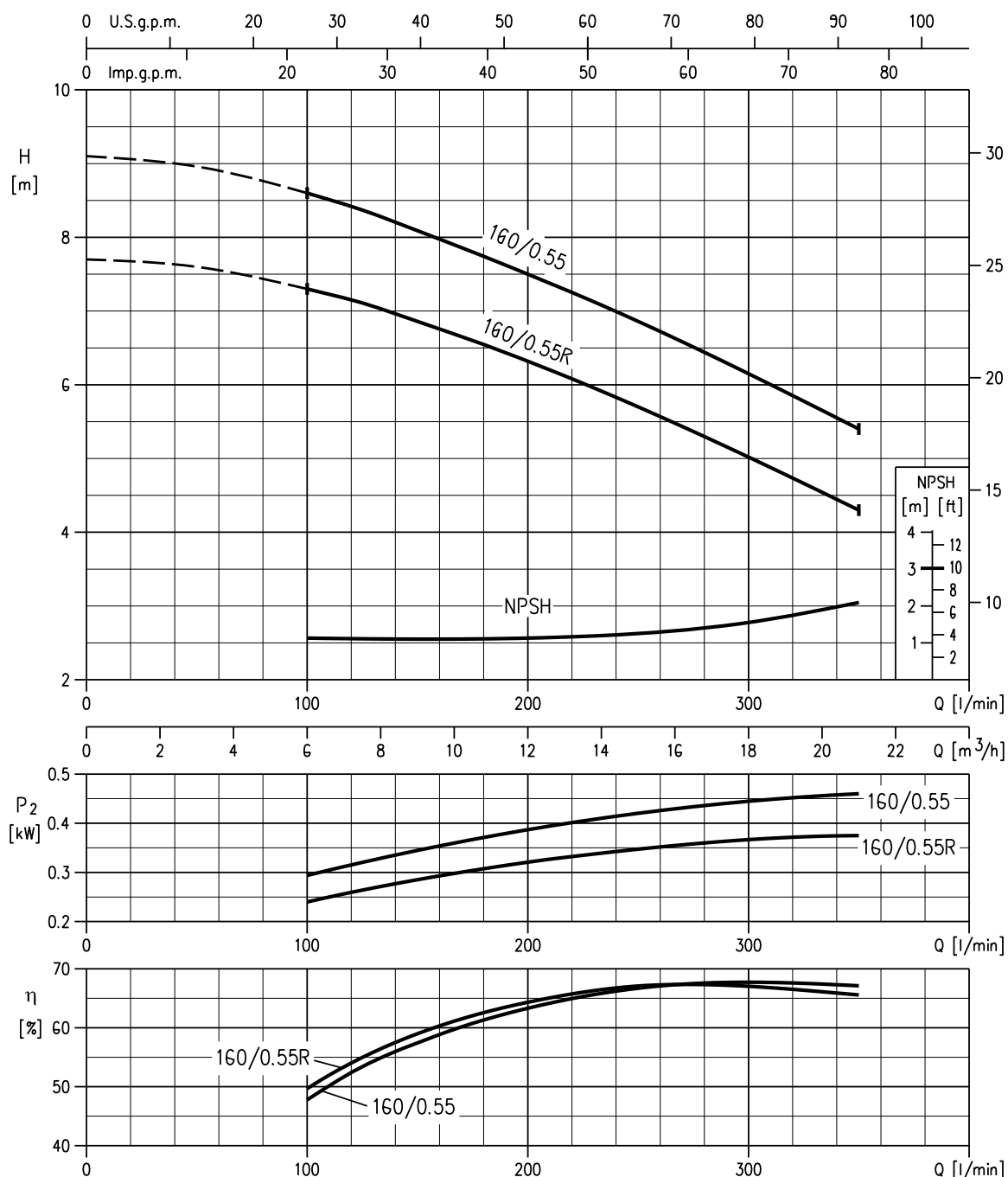


Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

40-125/0.37R (0.37 kW) MEI > 0.70 – impeller diameter = 125 mm**40-125/0.37 (0.37 kW) MEI > 0.70 – impeller diameter = 140 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

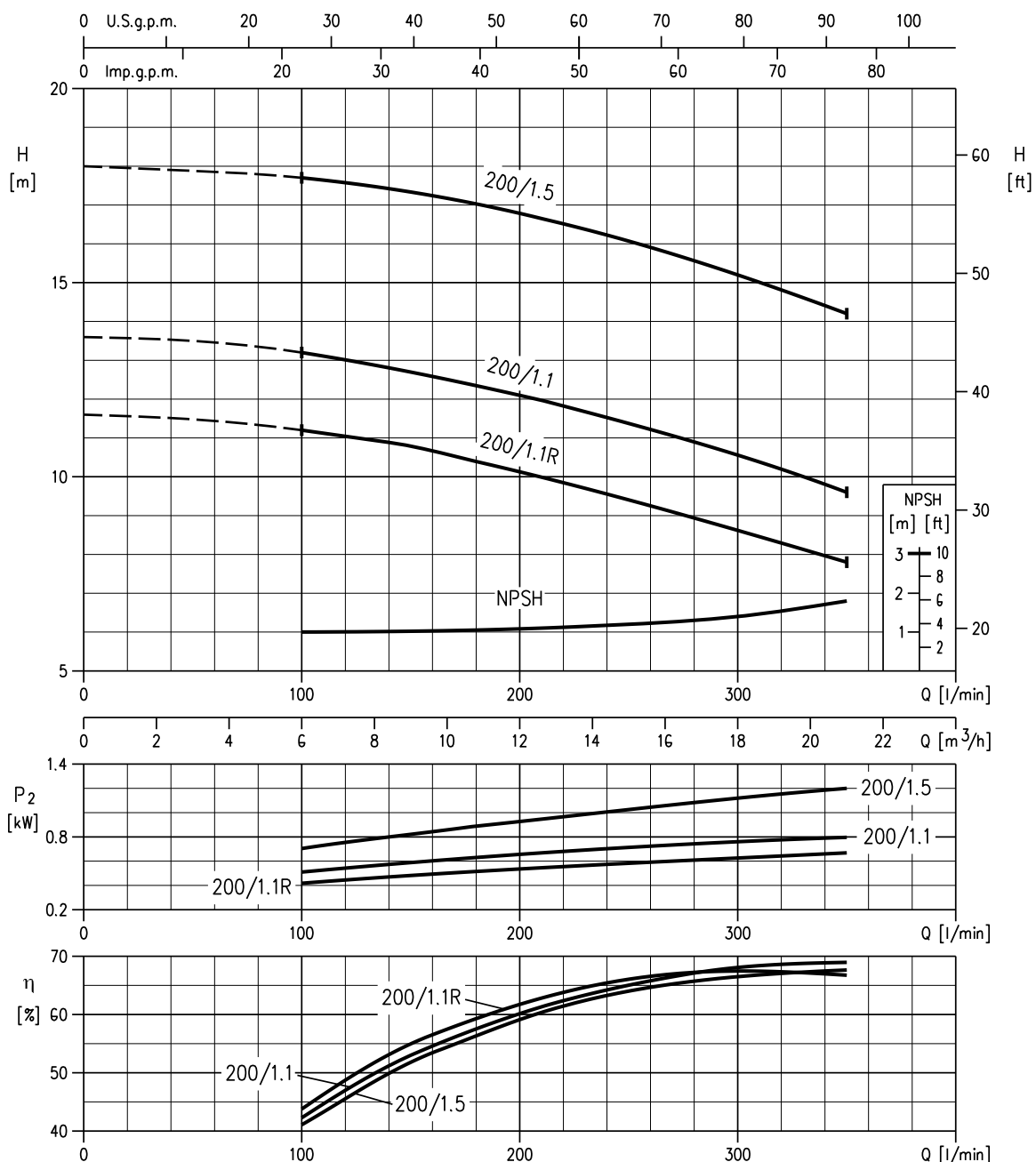
40-160/0.55R (0.55 kW) MEI > 0.40 – impeller diameter = 151 mm**40-160/0.55 (0.55 kW) MEI > 0.40 – impeller diameter = 166 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

40-200/1.1R (1.1 kW) MEI > 0.70 – impeller diameter = 183 mm

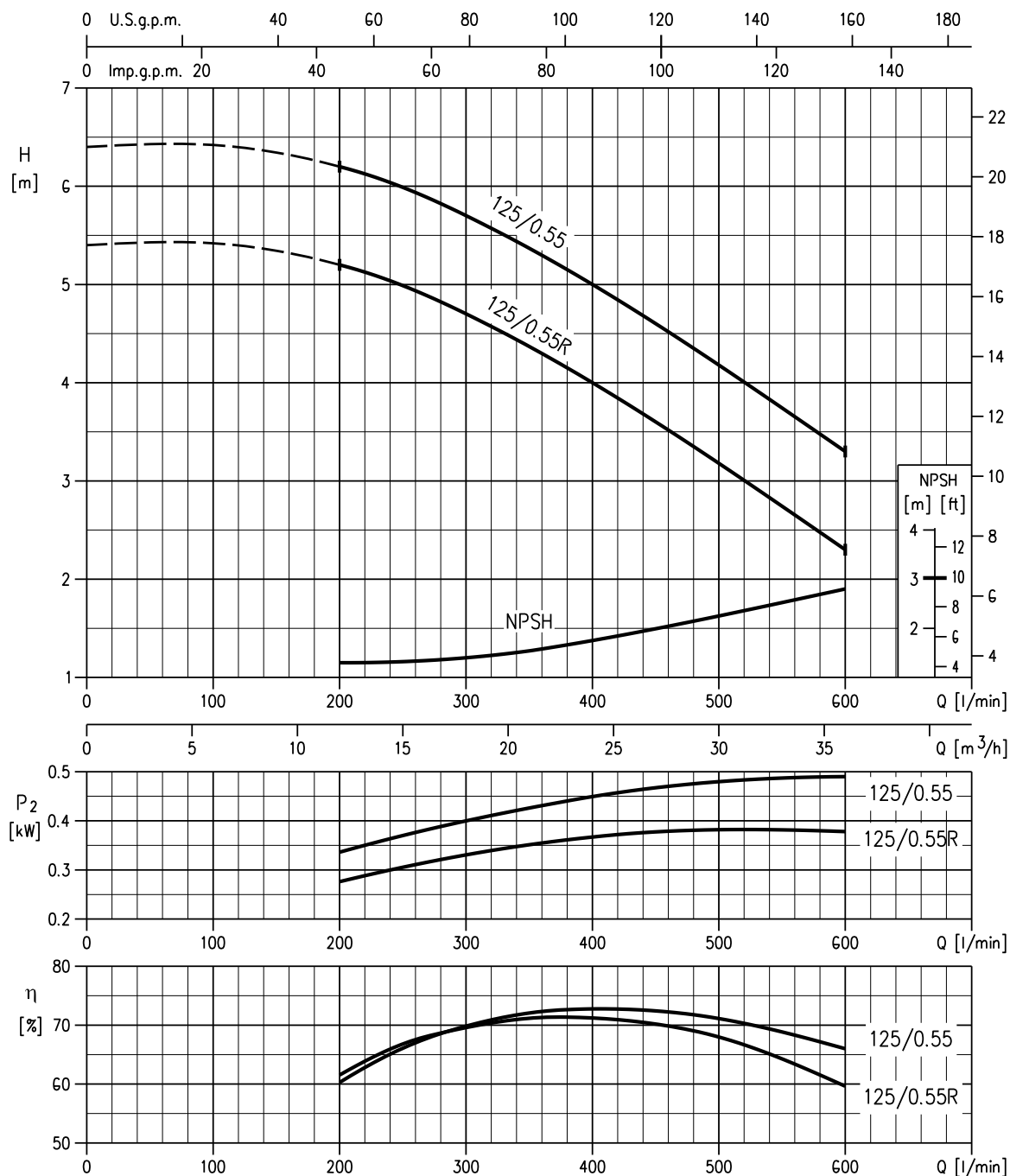
40-200/1.1 (1.1 kW) MEI > 0.70 – impeller diameter = 200 mm

40-200/1.5 (1.5 kW) MEI > 0.70 – impeller diameter = 224 mm

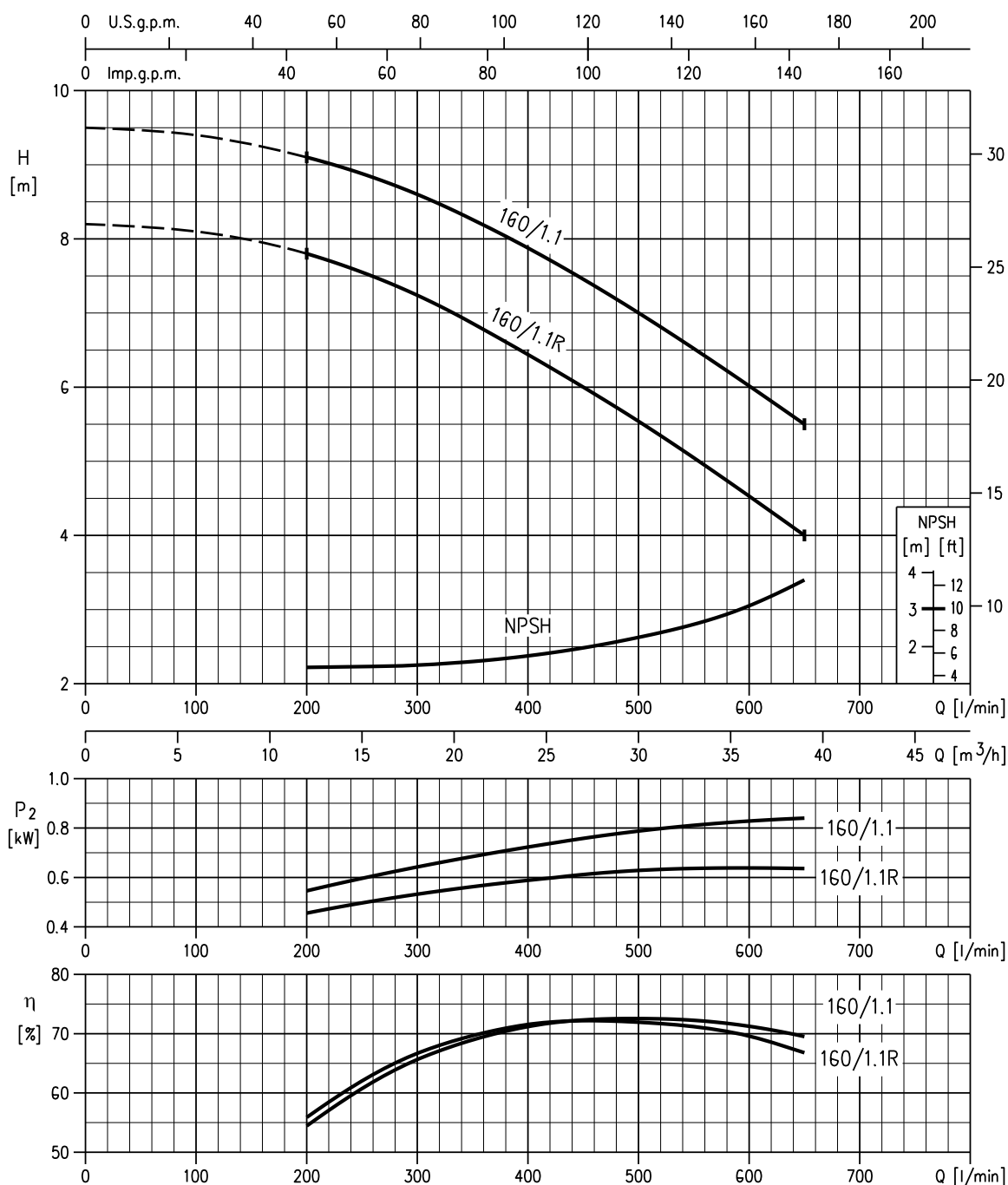


Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

50-125/0.55R (0.55 kW) MEI > 0.40 – impeller diameter = 131 mm**50-125/0.55 (0.55 kW) MEI > 0.40 – impeller diameter = 140 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

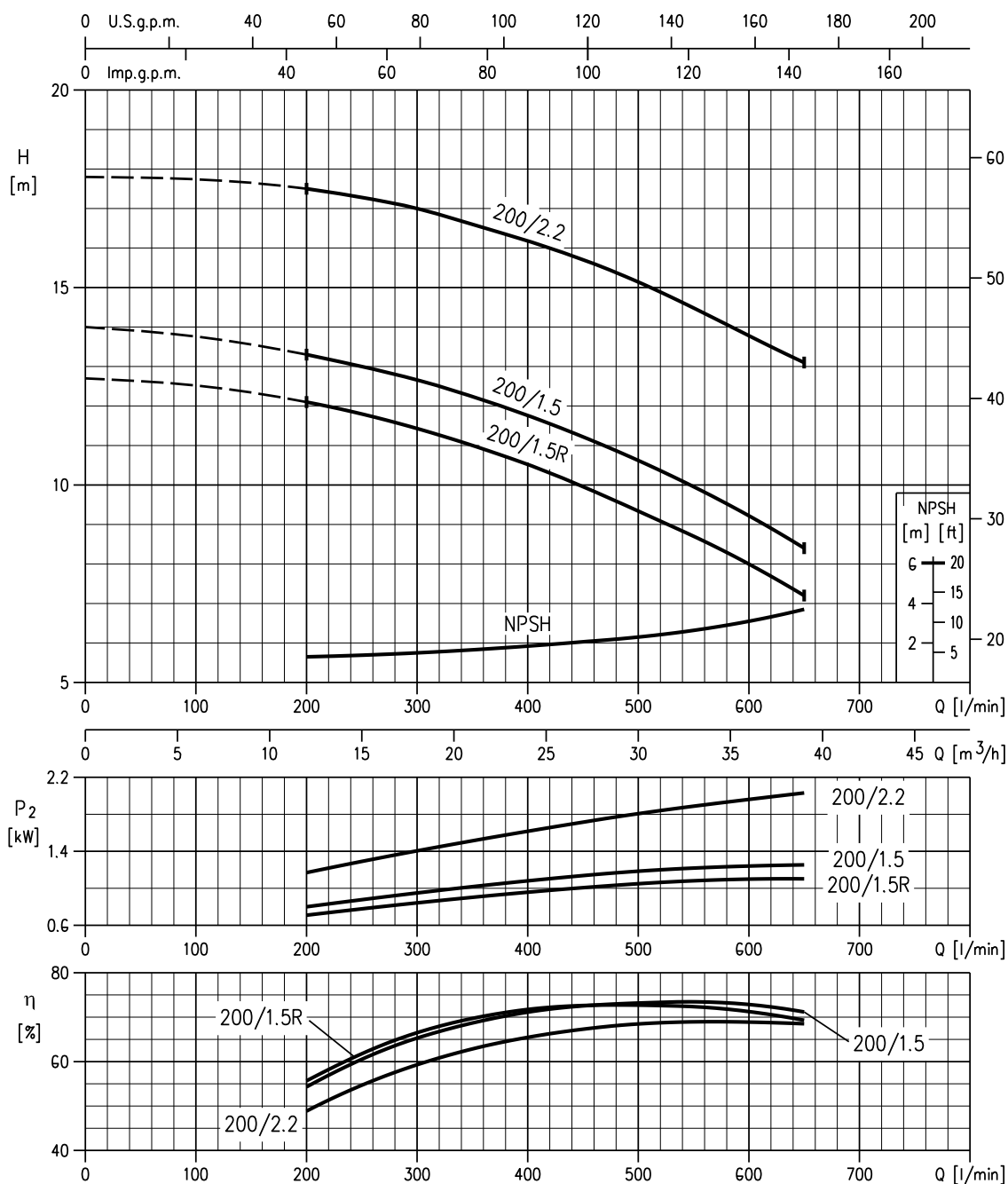
50-160/1.1R (1.1 kW) MEI > 0.60 – impeller diameter = 154 mm**50-160/1.1 (1.1 kW) MEI > 0.60 – impeller diameter = 166 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

50-200/1.5R (1.5 kW) MEI > 0.60 – impeller diameter = 191 mm

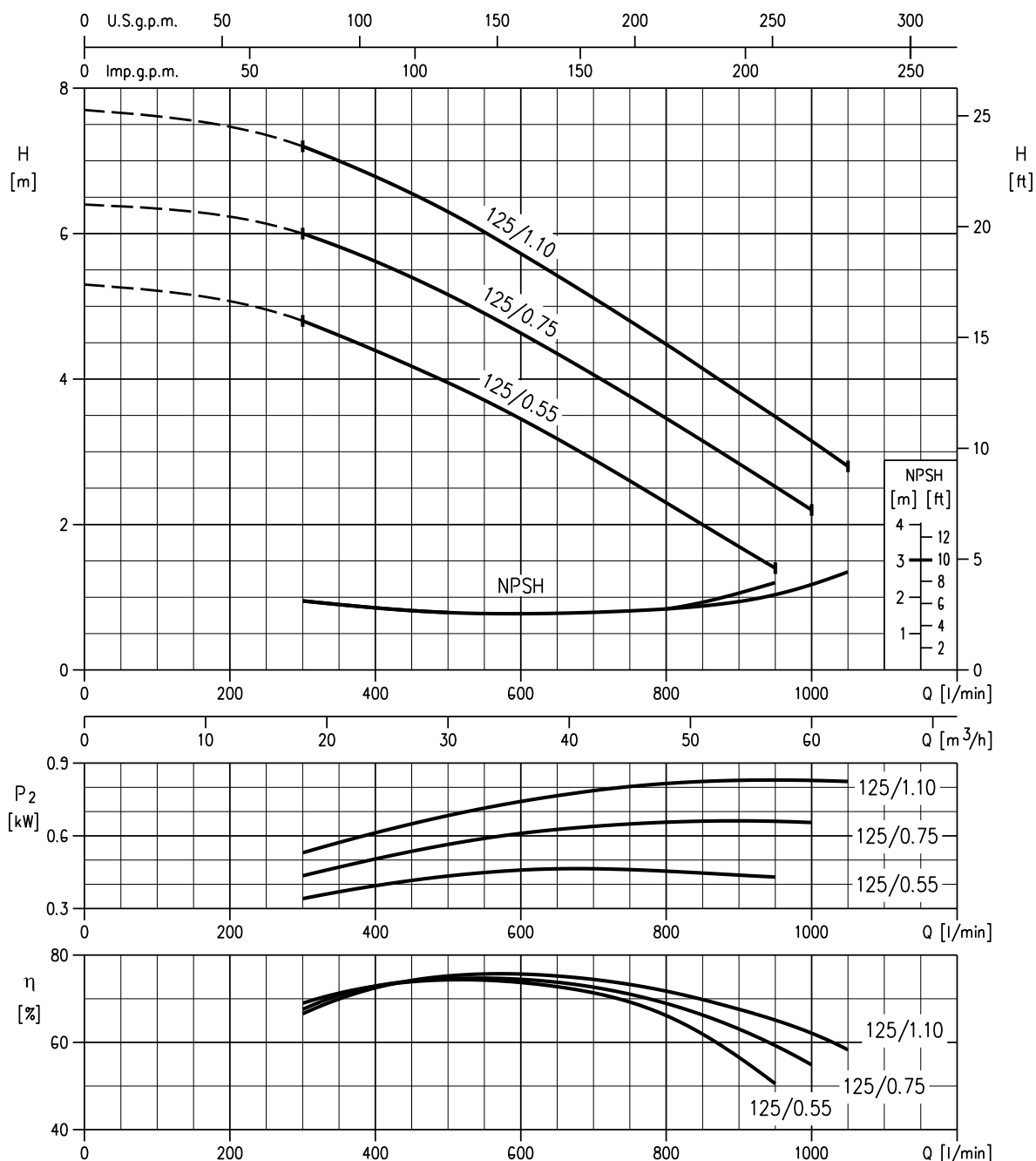
50-200/1.5 (1.5 kW) MEI > 0.60 – impeller diameter = 200 mm

50-200/2.2 (2.2 kW) MEI > 0.60 – impeller diameter = 224 mm



Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

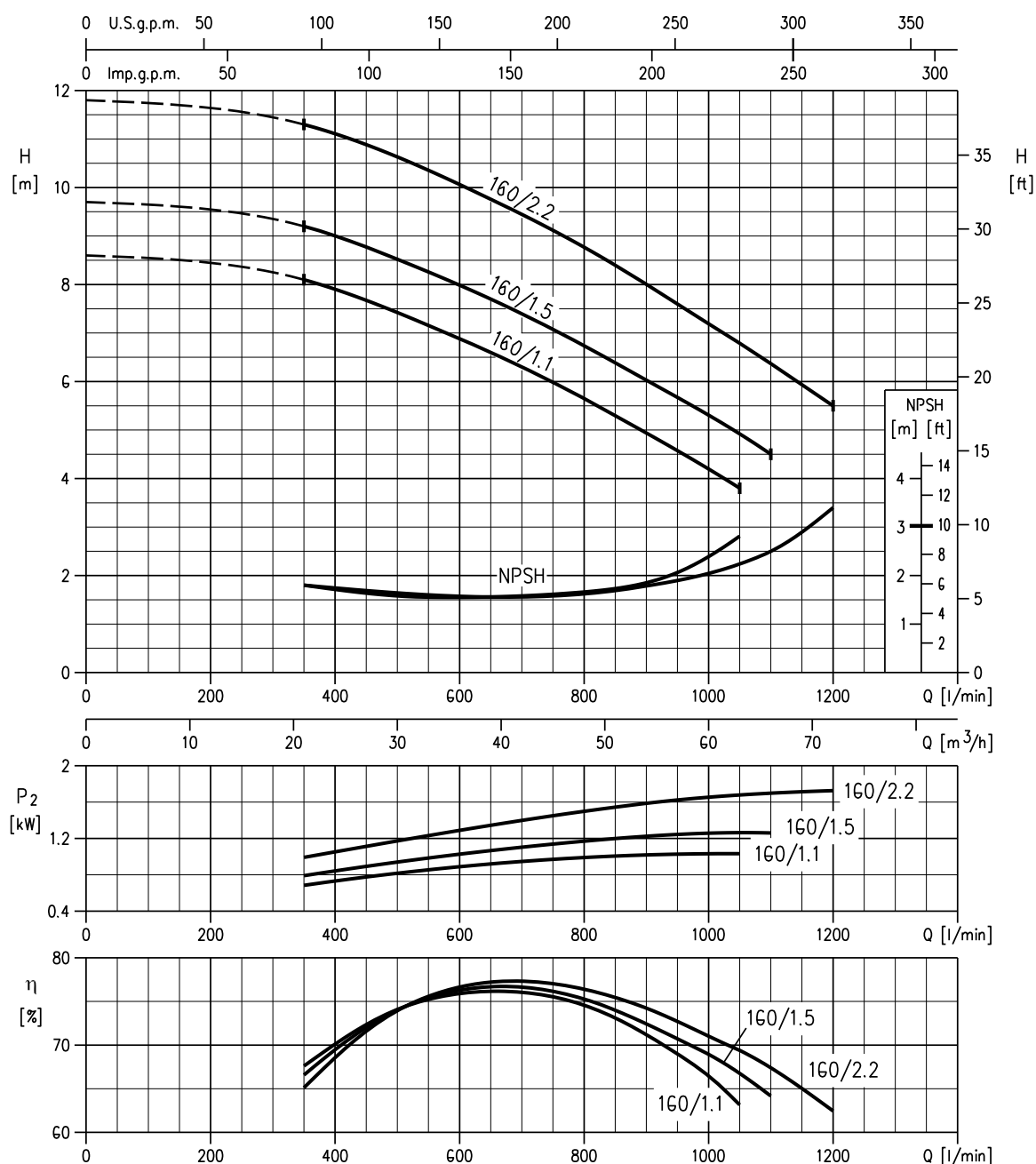
65-125/0.55 (0.55 kW) MEI > 0.50 – impeller diameter = 128 mm**65-125/0.75 (0.75 kW) MEI > 0.50 – impeller diameter = 138 mm****65-125/1.1 (1.1 kW) MEI > 0.50 – impeller diameter = 149 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

65-160/1.1 (1.1 kW) MEI > 0.70 – impeller diameter = 161 mm

65-160/1.5 (1.5 kW) MEI > 0.70 – impeller diameter = 168 mm

65-160/2.2 (2.2 kW) MEI > 0.70 – impeller diameter = 178 mm



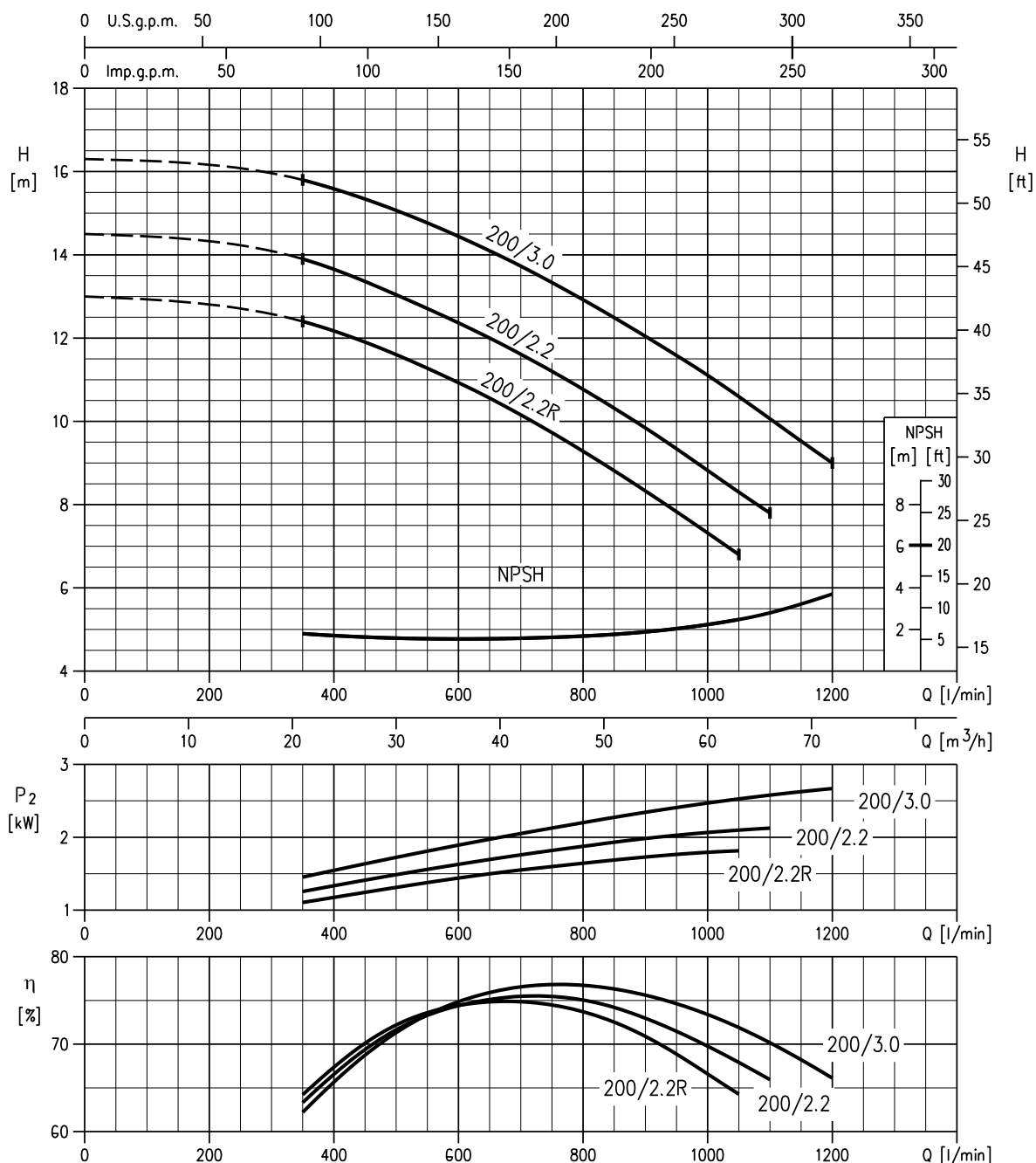
Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

65-200/2.2R (2.2 kW) MEI > 0.70 – impeller diameter = 190 mm

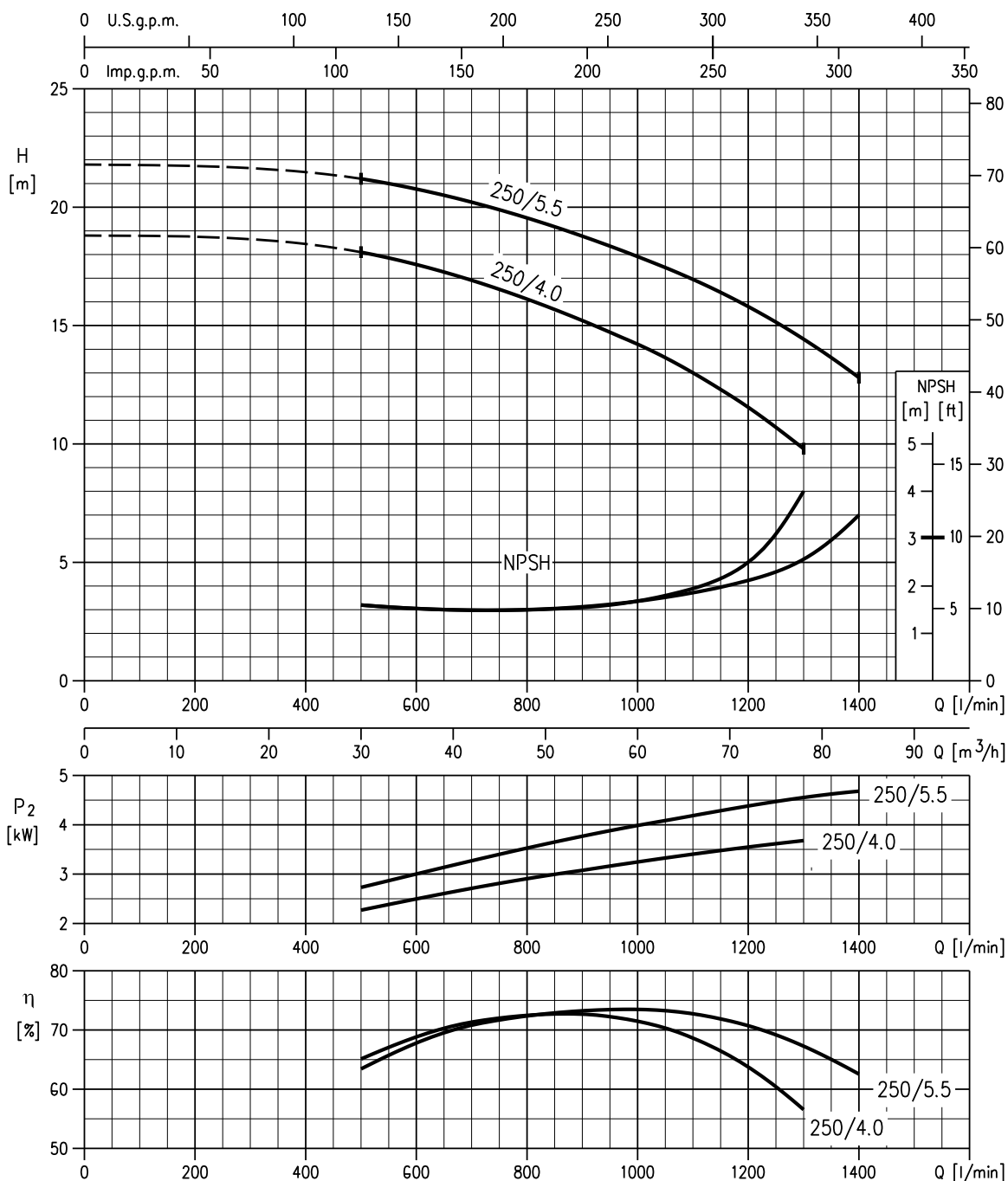
65-200/2.2 (2.2 kW) MEI > 0.70 – impeller diameter = 201 mm

65-200/3 (3.0 kW) MEI > 0.70 – impeller diameter = 212 mm



Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

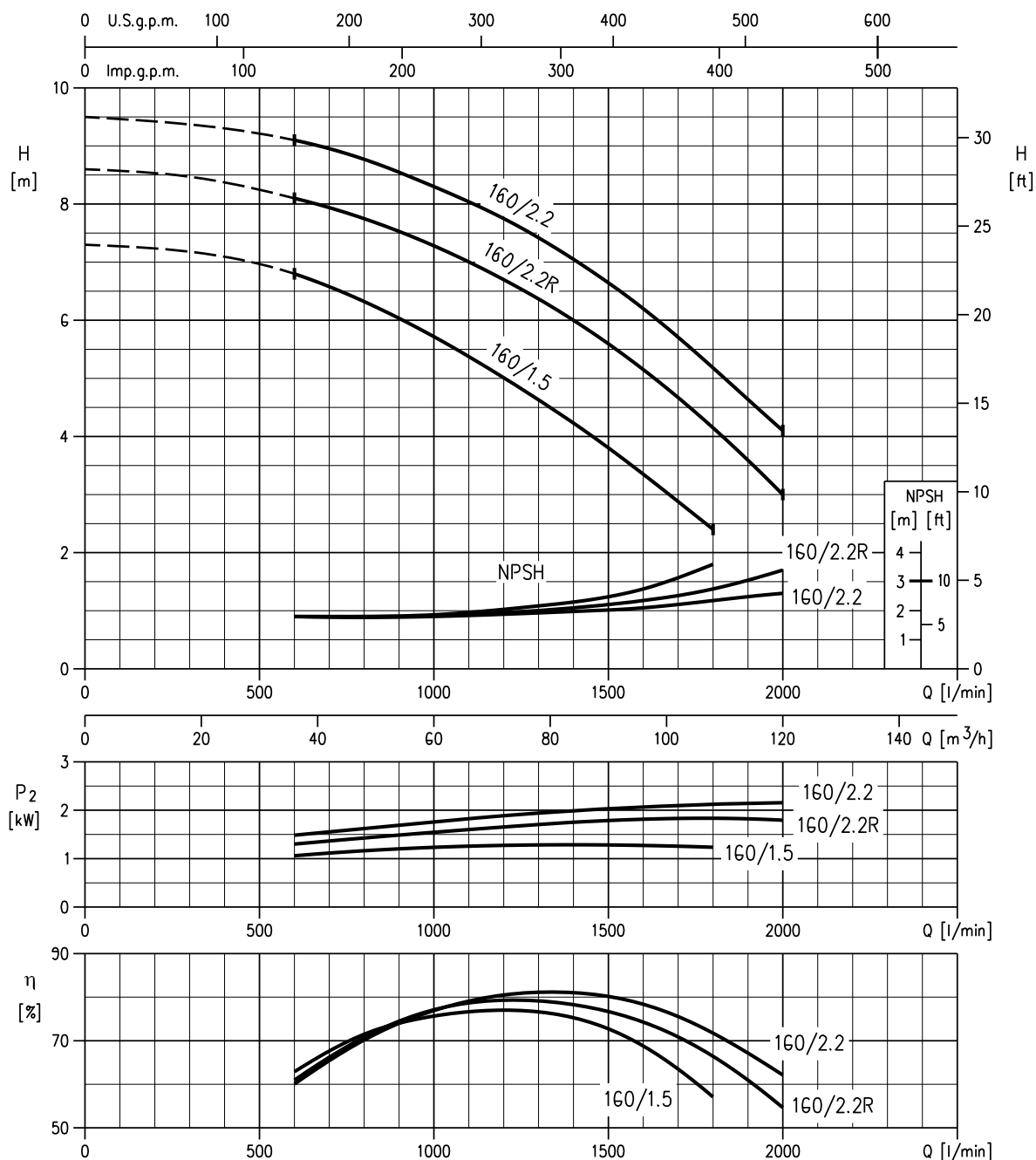
65-250/4 (4.0 kW) MEI > 0.50 – impeller diameter = 235 mm**65-250/5.5 (5.5 kW) MEI > 0.50 – impeller diameter = 250 mm**Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

80-160/1.5 (1.5 kW) MEI > 0.60 – impeller diameter = 156 mm

80-160/2.2R (2.2 kW) MEI > 0.60 – impeller diameter = 165 mm

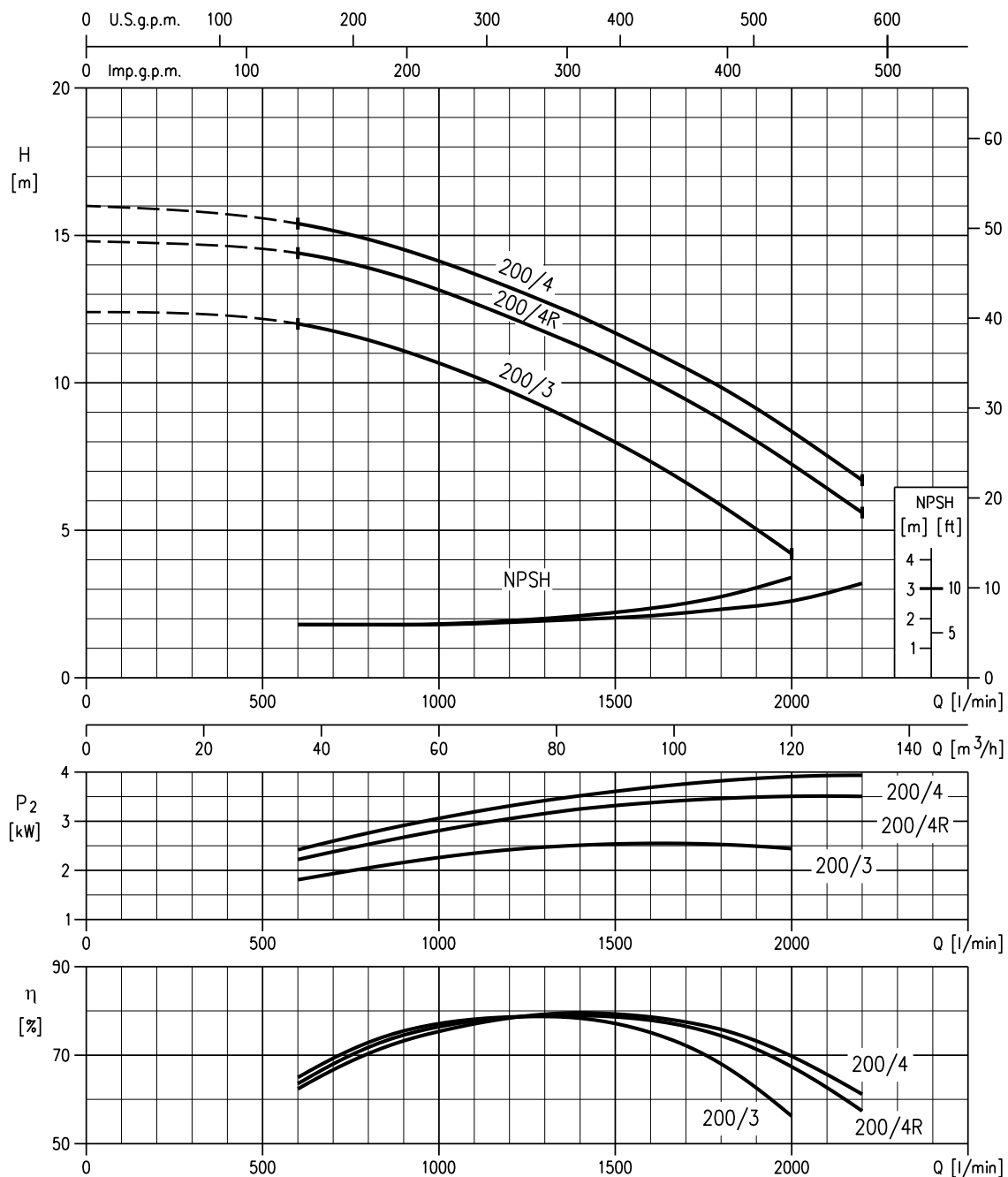
80-160/2.2 (2.2 kW) MEI > 0.60 – impeller diameter = 174 mm



Rotation speed $\approx 1400 \text{ min}^{-1}$

Test standard: ISO 9906:2012 – Grade 3B

80-200/3 (3.0 kW) MEI > 0.40 – impeller diameter = 196 mm
 80-200/4R (4.0 kW) MEI > 0.40 – impeller diameter = 211 mm
 80-200/4 (4.0 kW) MEI > 0.40 – impeller diameter = 219 mm

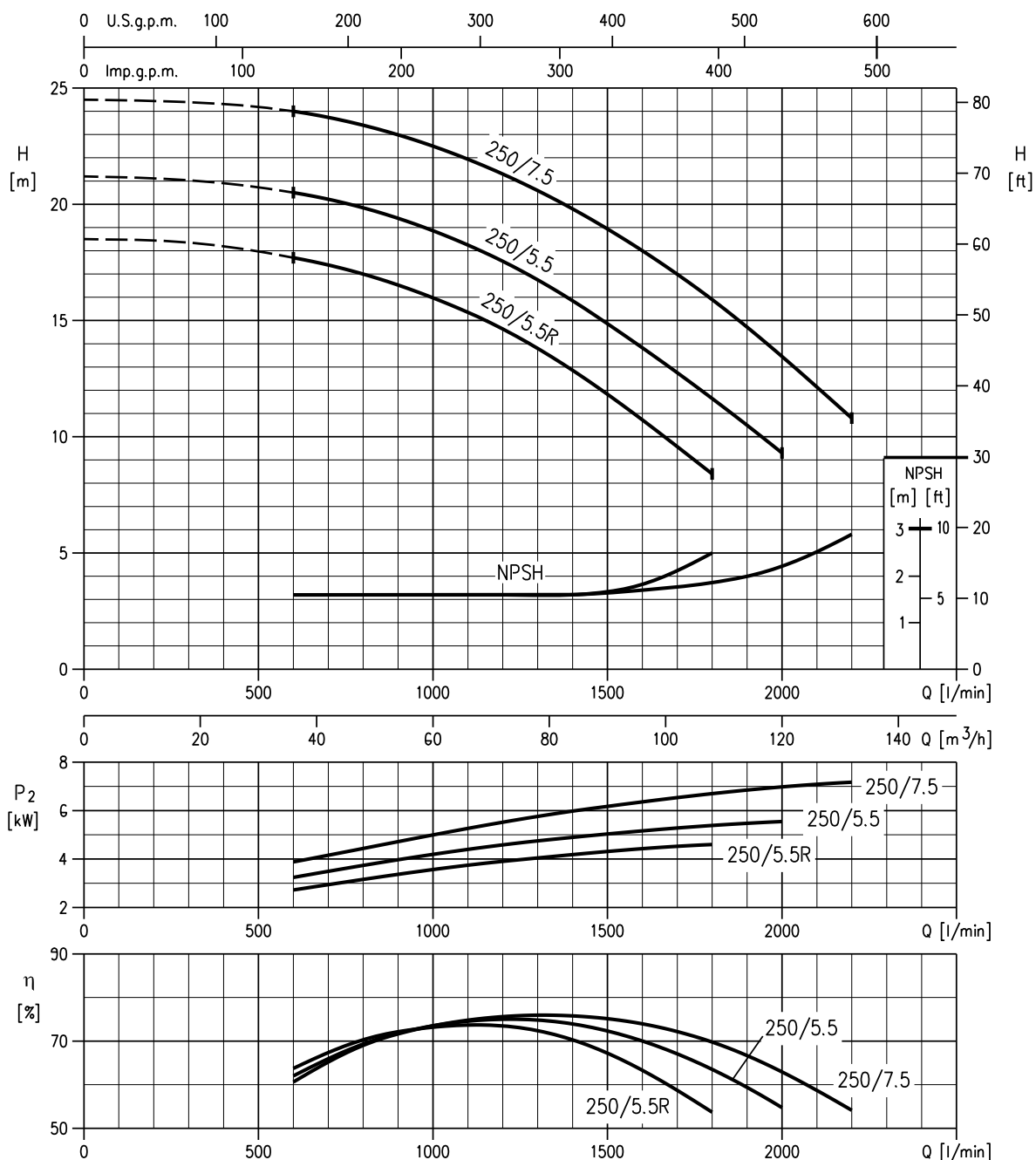


Rotation speed $\approx 1400 \text{ min}^{-1}$
 Test standard: ISO 9906:2012 – Grade 3B

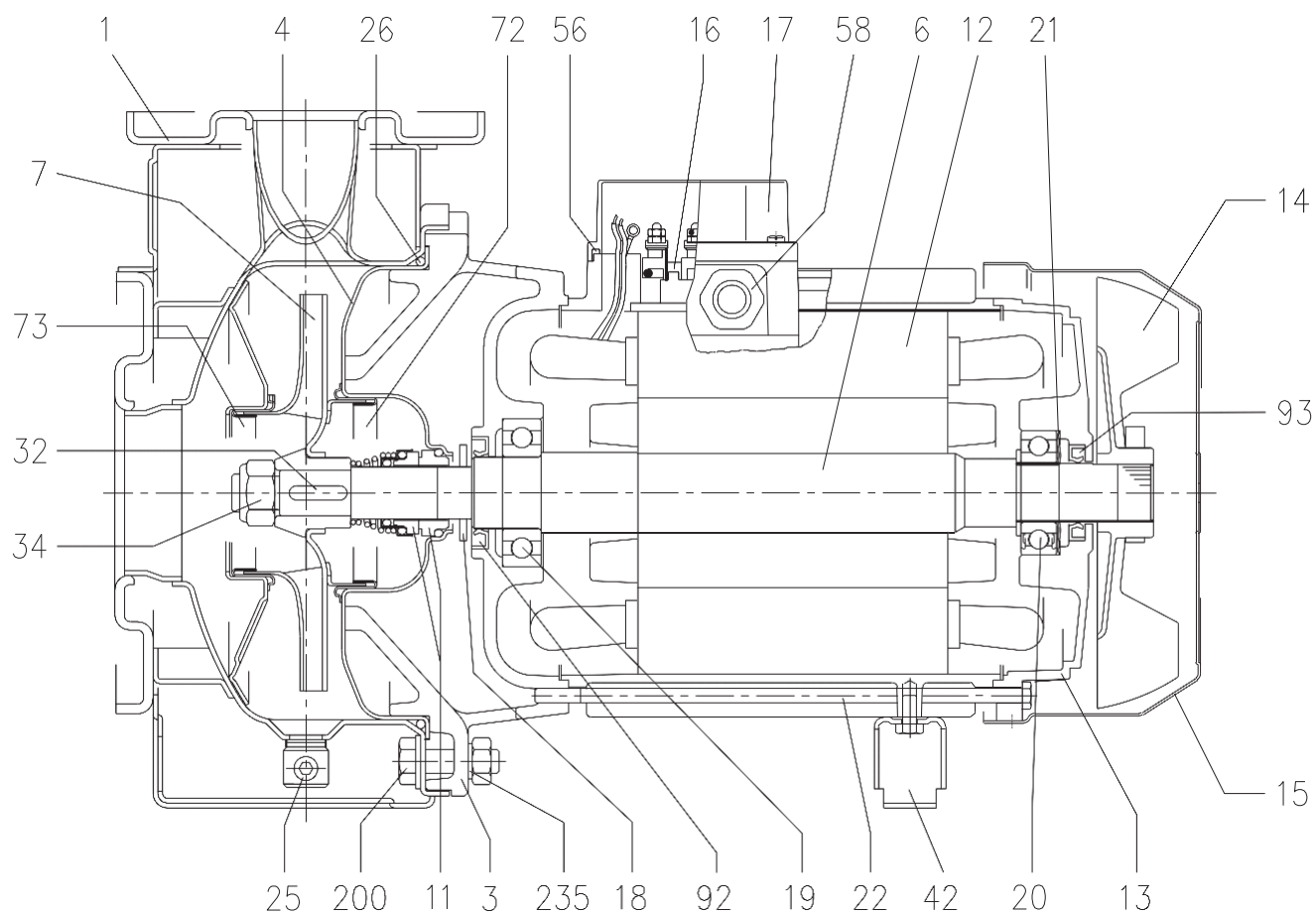
80-250/5.5R (5.5 kW) MEI > 0.60 – impeller diameter = 230 mm

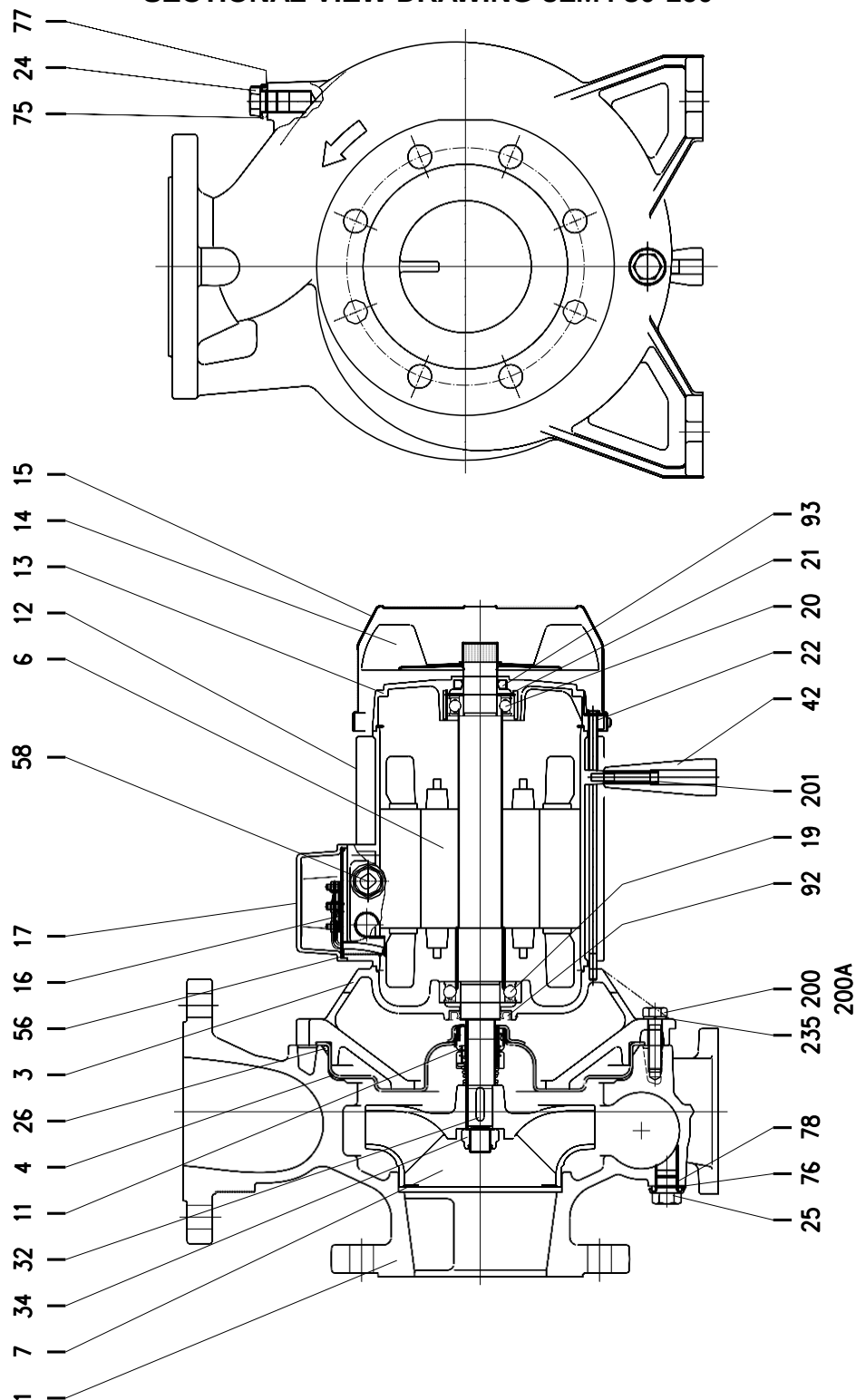
80-250/5.5 (5.5 kW) MEI > 0.60 – impeller diameter = 246 mm

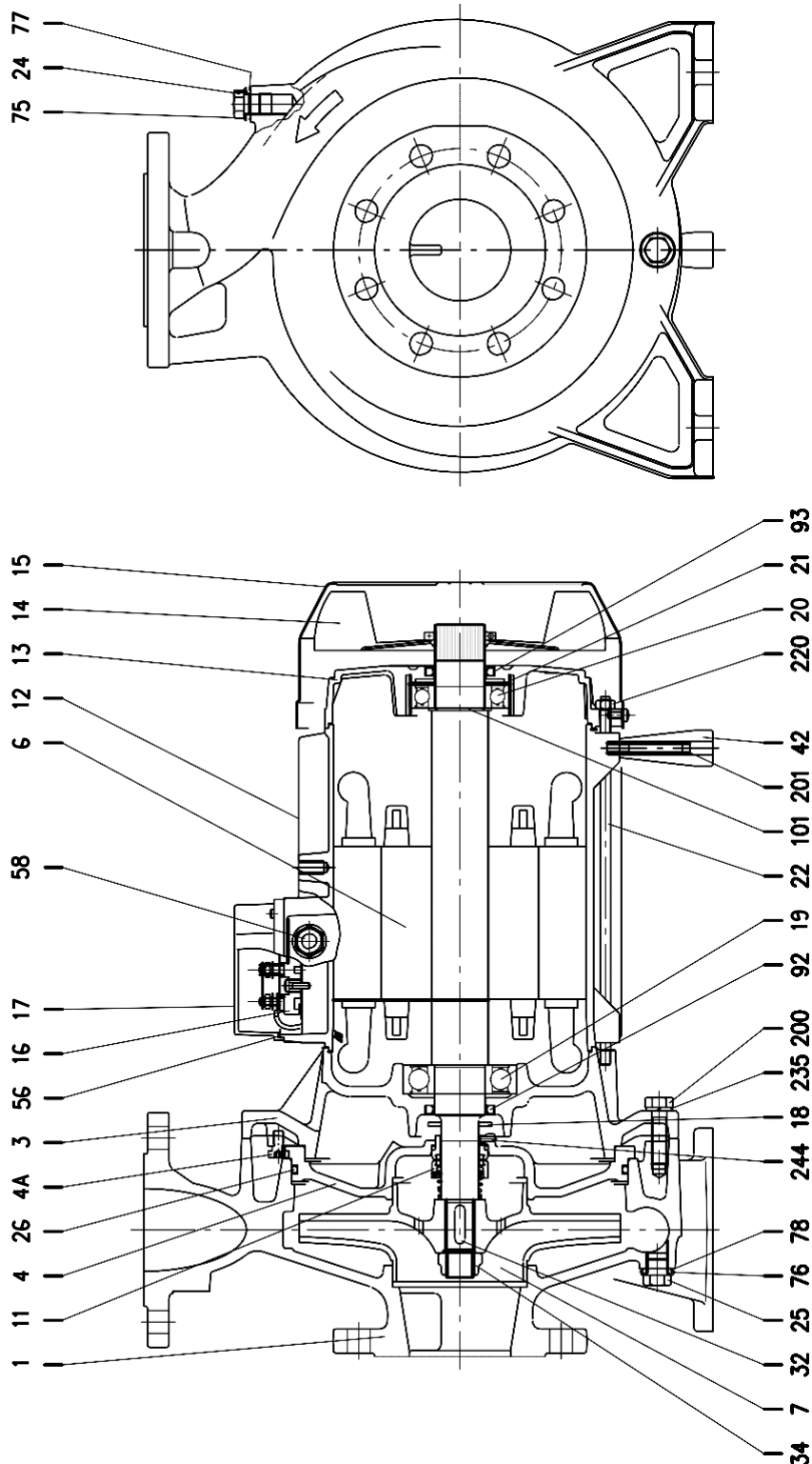
80-250/7.5 (7.5 kW) MEI > 0.60 – impeller diameter = 263 mm

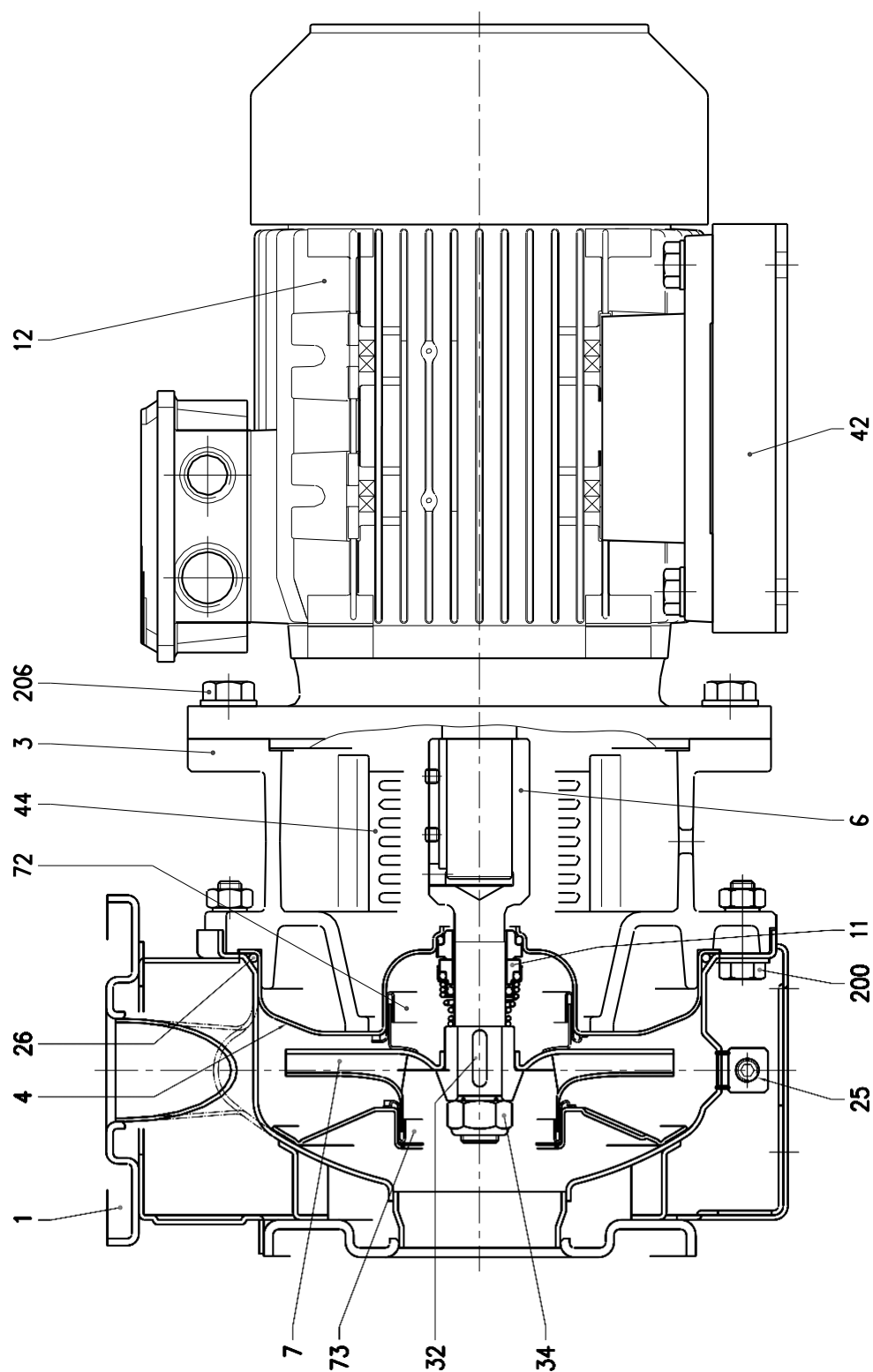
Rotation speed $\approx 1400 \text{ min}^{-1}$

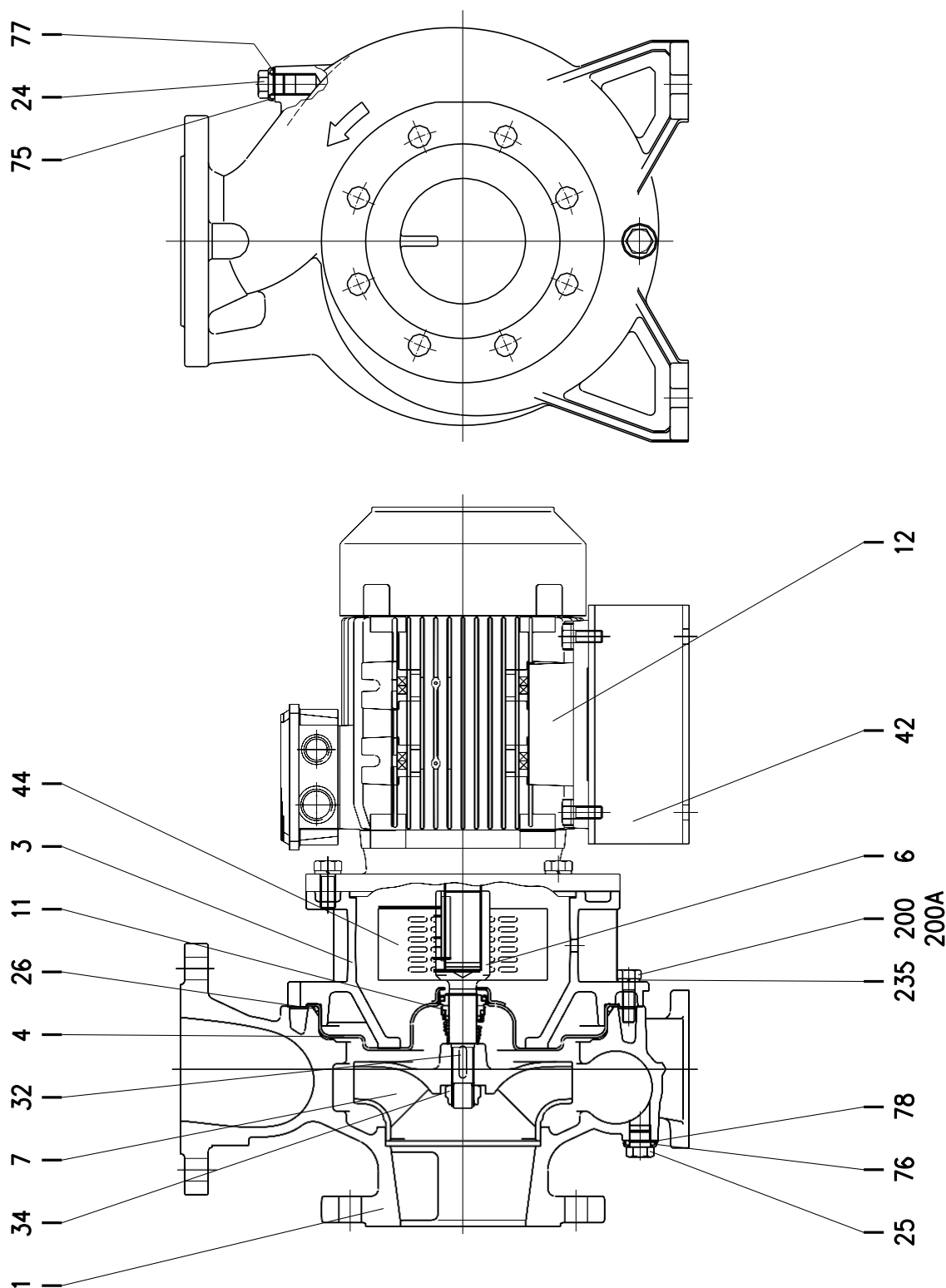
Test standard: ISO 9906:2012 – Grade 3B

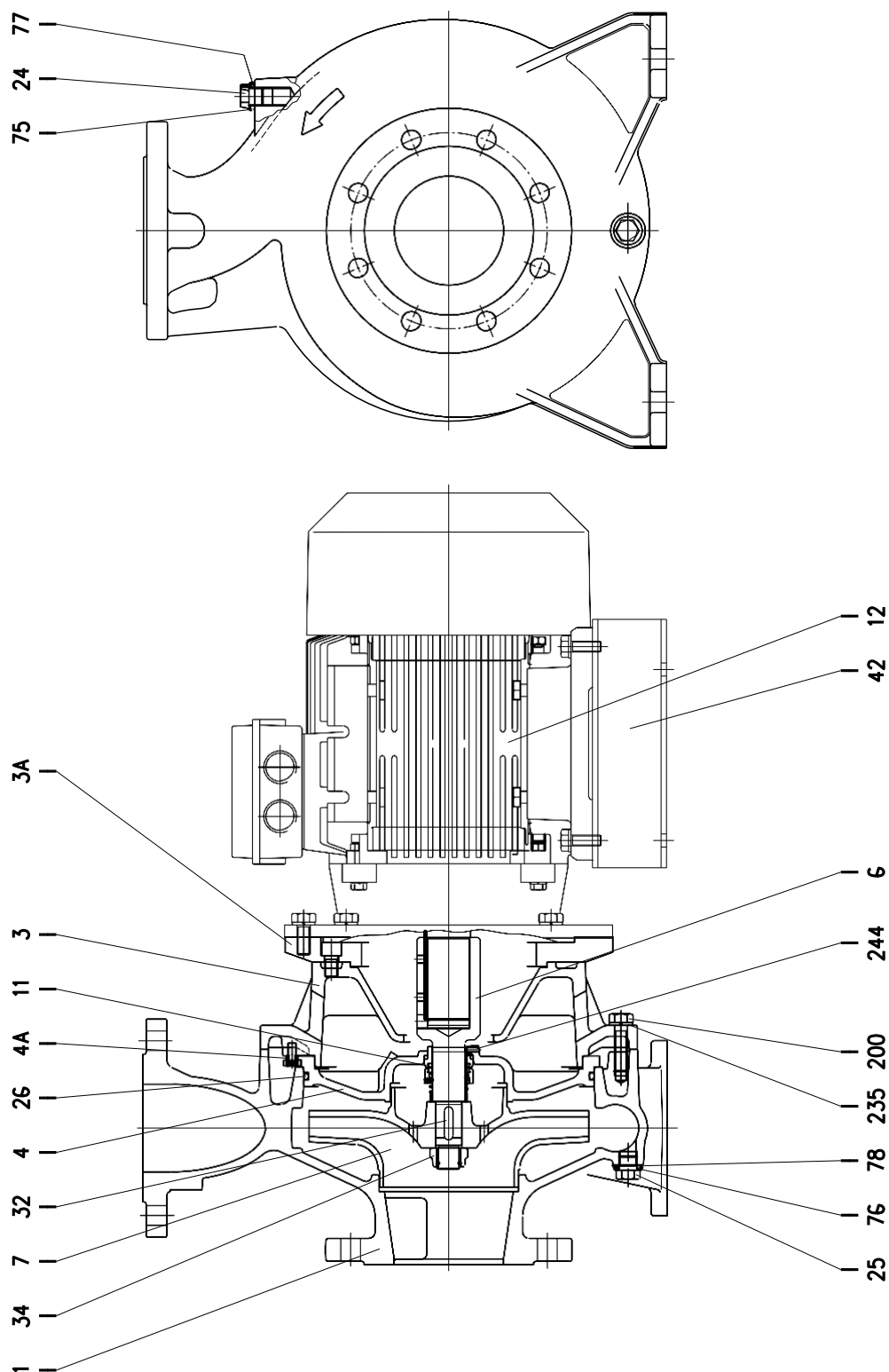
SECTIONAL VIEW DRAWING 3(.)M4 32, 40, 50, 65-125/160/200

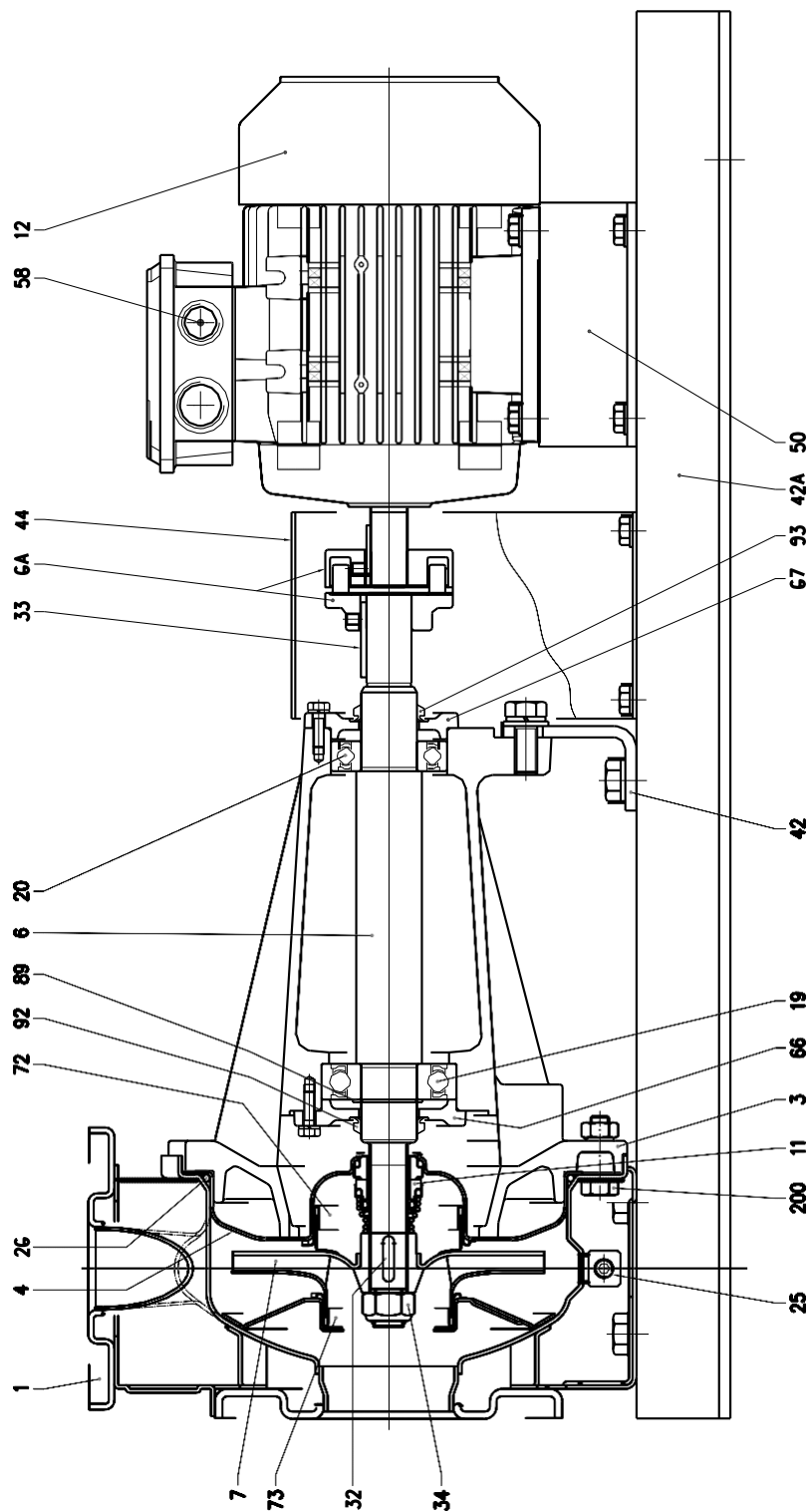
SECTIONAL VIEW DRAWING 3LM4 80-160

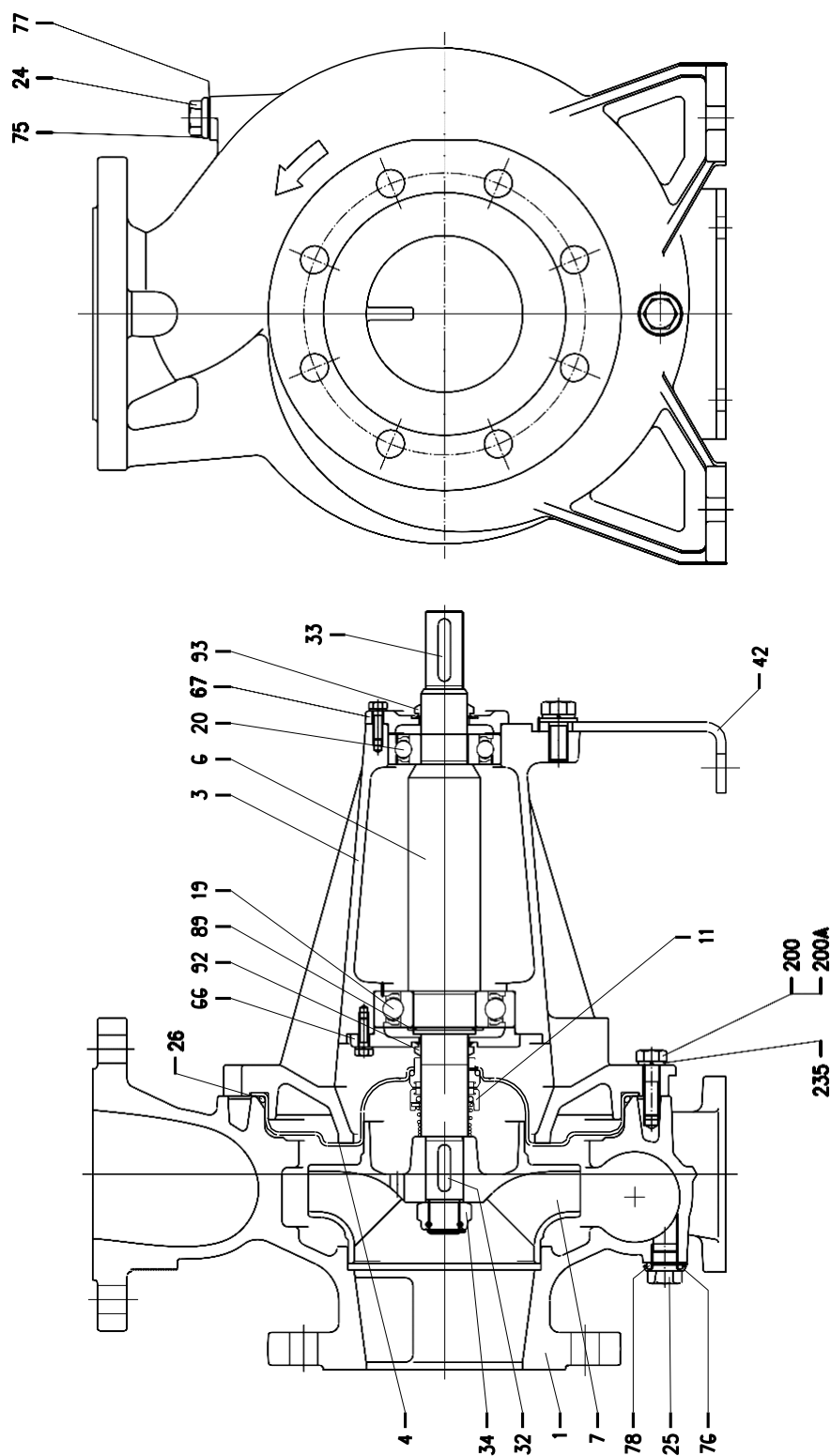
SECTIONAL VIEW DRAWING 3LM4 65-250, 80-200/250

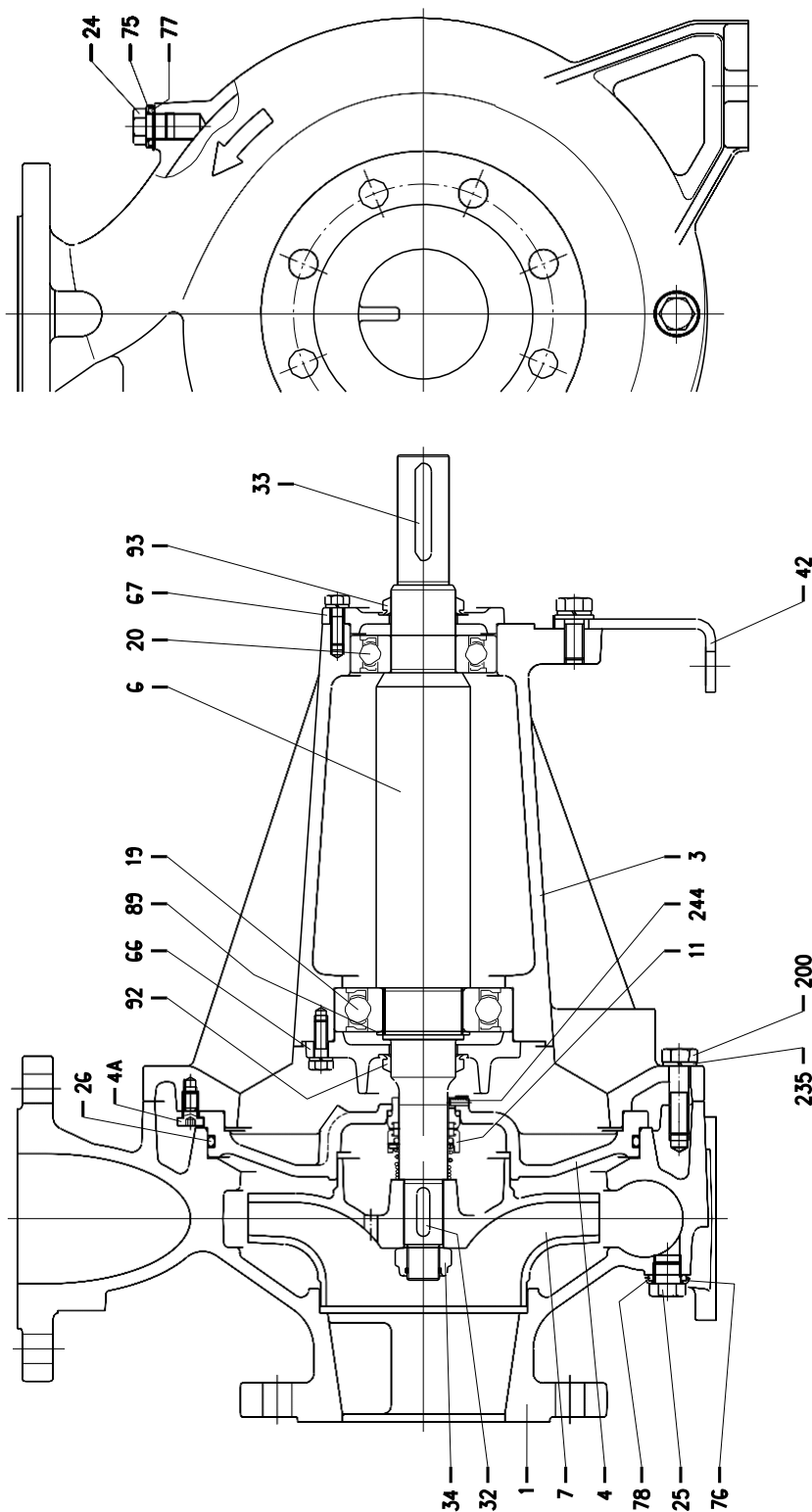
SECTIONAL VIEW DRAWING 3(.)S4 32, 40, 50, 65-125/160/200

SECTIONAL VIEW DRAWING 3LS4 80-160

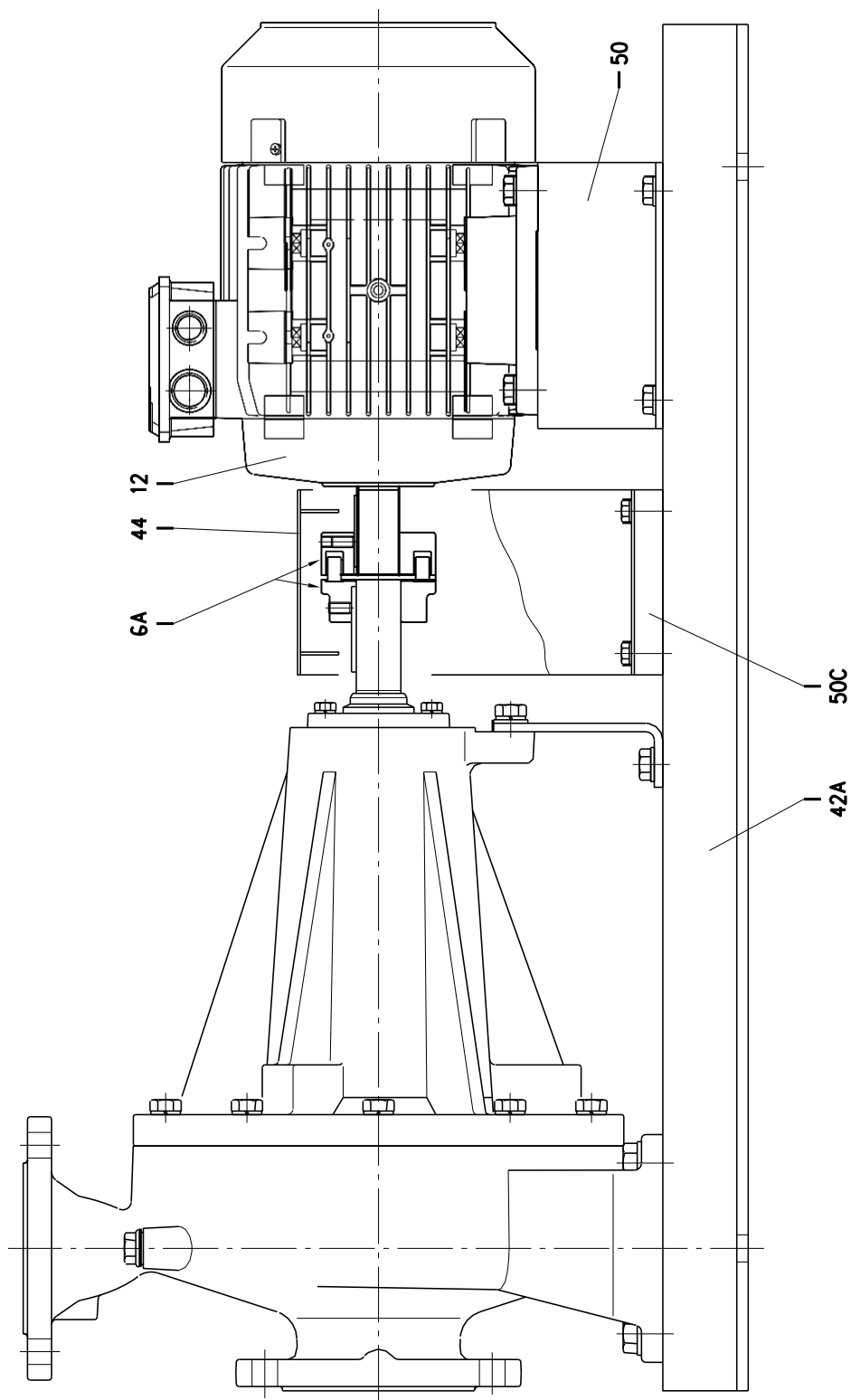
SECTIONAL VIEW DRAWING 3LS4 65-250, 80-200/250

SECTIONAL VIEW DRAWING 3(.)P4 32, 40, 50, 65-125/160/200

SECTIONAL VIEW DRAWING 3LP4 80-160

SECTIONAL VIEW DRAWING 3LP4 65-250, 80-200/250

SECTIONAL VIEW DRAWING 3LP4 65-250, 80-160/200/250



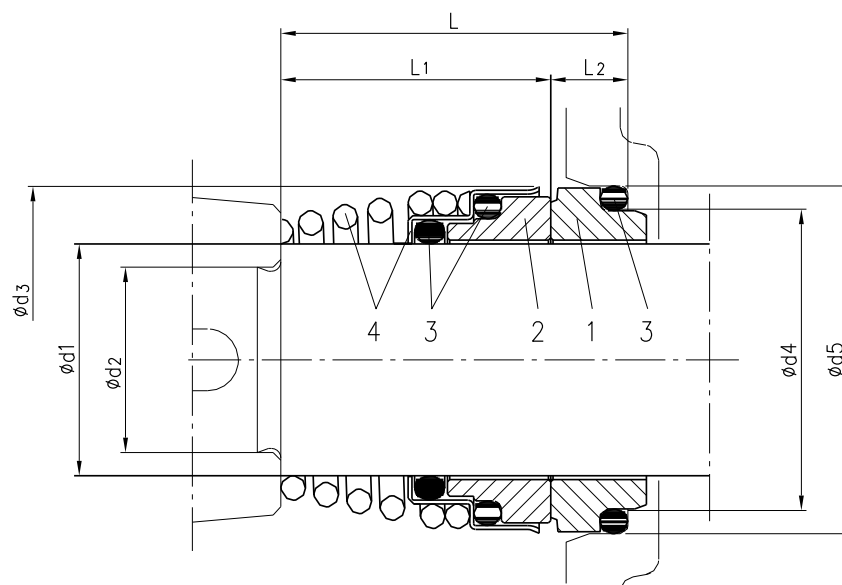
BEARINGS 3(.)M4, 3(.)S4

Pump type	Ball bearing	
	Pump side	Fan side
3(.)M4 32-125/0.25	6205-2RSH C3	6202-2RSH
3(.)M4 32-160/0.37R		6203-2RSH
3(.)M4 32-160/0.37		
3(.)M4 32-200/0.55R		
3(.)M4 32-200/0.55		6205-2RSH C3
3(.)M4 32-200/0.75		
3(.)M4 40-125/0.37R	6205-2RSH C3	6202-2RSH
3(.)M4 40-125/0.37		6203-2RSH
3(.)M4 40-160/0.55R		
3(.)M4 40-160/0.55		
3(.)M4 40-200/1.1R		6205-2RSH C3
3(.)M4 40-200/1.1		
3(.)M4 40-200/1.5	6205-2RSH C3	6203-2RSH
3(.)M4 50-125/0.55R		
3(.)M4 50-125/0.55		6205-2RSH C3
3(.)M4 50-160/1.1R		
3(.)M4 50-160/1.1		
3(.)M4 50-200/1.5R		
3(.)M4 50-200/1.5	3606-2RS1 C3	
3(.)M4 50-200/2.2		
3(.)M4 65-125/0.55		
3(.)M4 65-125/0.75		
3(.)M4 65-125/1.1		
3(.)M4 65-160/1.1		
3(.)M4 65-160/1.5	6205-2RSH C3	
3(.)M4 65-160/2.2		
3(.)M4 65-200/2.2R		
3(.)M4 65-200/2.2		
3(.)M4 65-200/3.0	6306-2RS1 C3	6206-2RS1 C3
3LM4 65-250/4		
3LM4 65-250/5.5		
3LM4 80-160/1.5		
3LM4 80-160/2.2R	6206-2RS1 C3	6205-2RS1 C3
3LM4 80-160/2.2		
3LM4 80-200/ 3		
3LM4 80-200/4R		
3LM4 80-200/4	6306-2RS1 C3	6206-2RS1 C3
3LM4 80-250/5.5R		
3LM4 80-250/5.5		

Pump type	Ball bearing	
	Pump side	Fan side
3(.)S4 32-125/0.25	6203-2Z	6203-2Z
3(.)S4 32-160/0.37R		
3(.)S4 32-160/0.37		
3(.)S4 32-200/0.55R	6204-2Z C3	6204-2Z C3
3(.)S4 32-200/0.55		
3(.)S4 32-200/0.75		
3(.)S4 40-125/0.37R	6203-2Z	6203-2Z
3(.)S4 40-125/0.37		
3(.)S4 40-160/0.55R	6204-2Z C3	6204-2Z C3
3(.)S4 40-160/0.55		
3(.)S4 40-200/1.1R	6205-2Z C3	6205-2Z C3
3(.)S4 40-200/1.1		
3(.)S4 40-200/1.5		
3(.)S4 50-125/0.55R	6204-2Z C3	6204-2Z C3
3(.)S4 50-125/0.55		
3(.)S4 50-160/1.1R	6205-2Z C3	6205-2Z C3
3(.)S4 50-160/1.1		
3(.)S4 50-200/1.5R		
3(.)S4 50-200/1.5		
3(.)S4 50-200/2.2	6206-2Z C3	6206-2Z C3
3(.)S4 65-125/0.55		
3(.)S4 65-125/0.75		
3(.)S4 65-125/1.1		
3(.)S4 65-160/1.1	6205-2Z C3	6205-2Z C3
3(.)S4 65-160/1.5		
3(.)S4 65-160/2.2		
3(.)S4 65-200/2.2R		
3(.)S4 65-200/2.2	6206-2Z C3	6206-2Z C3
3(.)S4 65-200/3.0		
3LS4 65-250/4	6306-2Z C3	6306-2Z C3
3LS4 65-250/5.5		
3LS4 80-160/1.5	6205-2Z C3	6205-2Z C3
3LS4 80-160/2.2R		
3LS4 80-160/2.2		
3LS4 80-200/3	6206-2Z C3	6206-2Z C3
3LS4 80-200/4R		
3LS4 80-200/4		
3LS4 80-250/5.5R	6306-2Z C3	6306-2Z C3
3LS4 80-250/5.5		
3LS4 80-250/7.5		

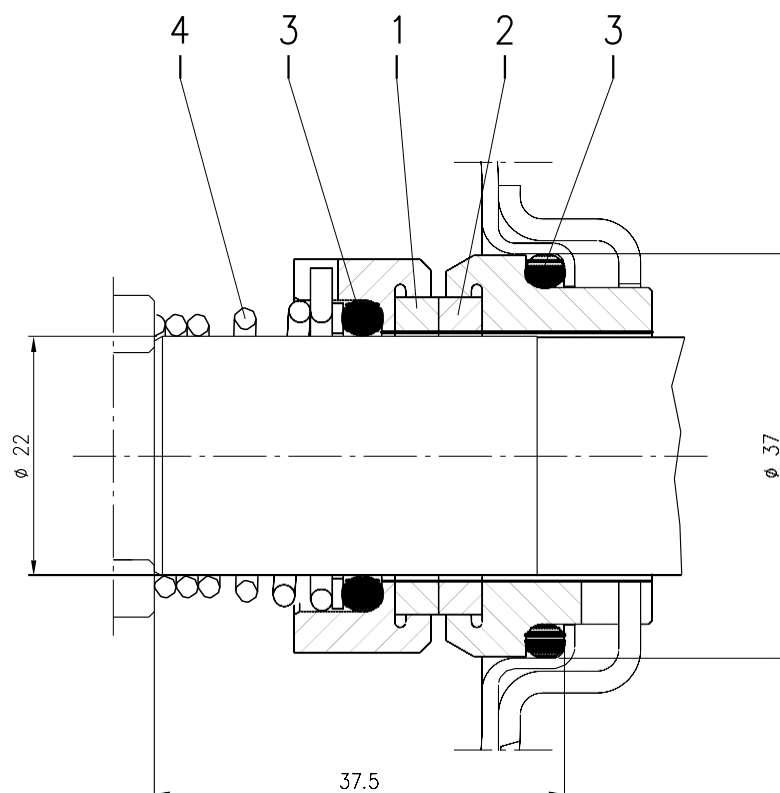
BEARINGS 3(.)P4

Pump type	Ball bearing			
	Pump		Motor	
	Pump side	Motor side	Pump side	Fan side
3(.)P4 32-125/0.25	6306-2RS1 C3	6206-2RS1 C3	6203-2Z	6203-2Z
3(.)P4 32-160/0.37R				
3(.)P4 32-160/0.37				
3(.)P4 32-200/0.55R	6308-2RS1 C3	6306-2RS1 C3	6204-2Z C3	6204-2Z C3
3(.)P4 32-200/0.55				
3(.)P4 32-200/0.75				
3(.)P4 40-125/0.37R	6306-2RS1 C3	6206-2RS1 C3	6203-2Z	6203-2Z
3(.)P4 40-125/0.37				
3(.)P4 40-160/0.55R			6204-2Z C3	6204-2Z C3
3(.)P4 40-160/0.55				
3(.)P4 40-200/1.1R	6308-2RS1 C3	6306-2RS1 C3	6205-2Z C3	6205-2Z C3
3(.)P4 40-200/1.1				
3(.)P4 40-200/1.5				
3(.)P4 50-125/0.55R	6306-2RS1 C3	6206-2RS1 C3	6204-2Z C3	6204-2Z C3
3(.)P4 50-125/0.55				
3(.)P4 50-160/1.1R	6308-2RS1 C3	6306-2RS1 C3	6205-2Z C3	6205-2Z C3
3(.)P4 50-160/1.1				
3(.)P4 50-200/1.5R				
3(.)P4 50-200/1.5			6206-2Z C3	6206-2Z C3
3(.)P4 50-200/2.2				
3(.)P4 50-200/2.2				
3(.)P4 65-125/0.55	6306-2RS1 C3	6206-2RS1 C3	6204-2Z C3	6204-2Z C3
3(.)P4 65-125/0.75				
3(.)P4 65-125/1.1	6308-2RS1 C3	6306-2RS1 C3	6205-2Z C3	6205-2Z C3
3(.)P4 65-160/1.1				
3(.)P4 65-160/1.5			6206-2Z C3	6206-2Z C3
3(.)P4 65-160/2.2				
3(.)P4 65-200/2.2R				
3(.)P4 65-200/2.2				
3(.)P4 65-200/3	6310-2RS1 C3	6308-2RS1 C3		
3LP4 65-250/4				
3LP4 65-250/5.5				
3LP4 80-160/1.5				
3LP4 80-160/2.2R				
3LP4 80-160/2.2				
3LP4 80-200/3				
3LP4 80-200/4R				
3LP4 80-200/4				
3LP4 80-250/5.5R				
3LP4 80-250/5.5				
3LP4 80-250/7.5				

MECHANICAL SEAL (standard, H, E and Special version)

Version	Pump type	Dimensions								Material			
		d1	d2	d3	d4	d5	L	L1	L2	1 Stationary seal ring	2 Rotary seal ring	3 Rubber	4 Frame + spring
Standard	32-125/160/200	22	19	38	31	37	37.5	27.5	10	Carbon	Ceramic	NBR	EN 1.4401 (AISI 316)
	40-125/160/200												
	50-125/160/200												
	65-125/160/200												
H	32-125/160/200	22	19	38	31	37	37.5	27.5	10	Carbon	Ceramic	FPM	EN 1.4401 (AISI 316)
	40-125/160/200												
	50-125/160/200												
	65-125/160/200												
E	80-160									Carbon	Ceramic	EPDM	EN 1.4401 (AISI 316)
	65-250	30	24	46	39	45	42.5	32.5	10				
	80-200/250												
Q1AEGG*	65-250	30	24	46	39	45	43	33	10	Silicon Carbide	Metallised Carbon	EPDM	EN 1.4401 (AISI 316)
	80-200/250												

* The drawing is only indicative

MECHANICAL SEAL (L version ø22)

Version	Pump type	Material			
		1 Stationary seal ring	2 Rotary seal ring	3 Rubber	4 Frame + spring
L ø22	32-125/160/200 40-125/160/200 50-125/160/200 65-125/160/200 80-160	SiC	SiC	FPM	EN 1.4571 (AISI 316Ti)