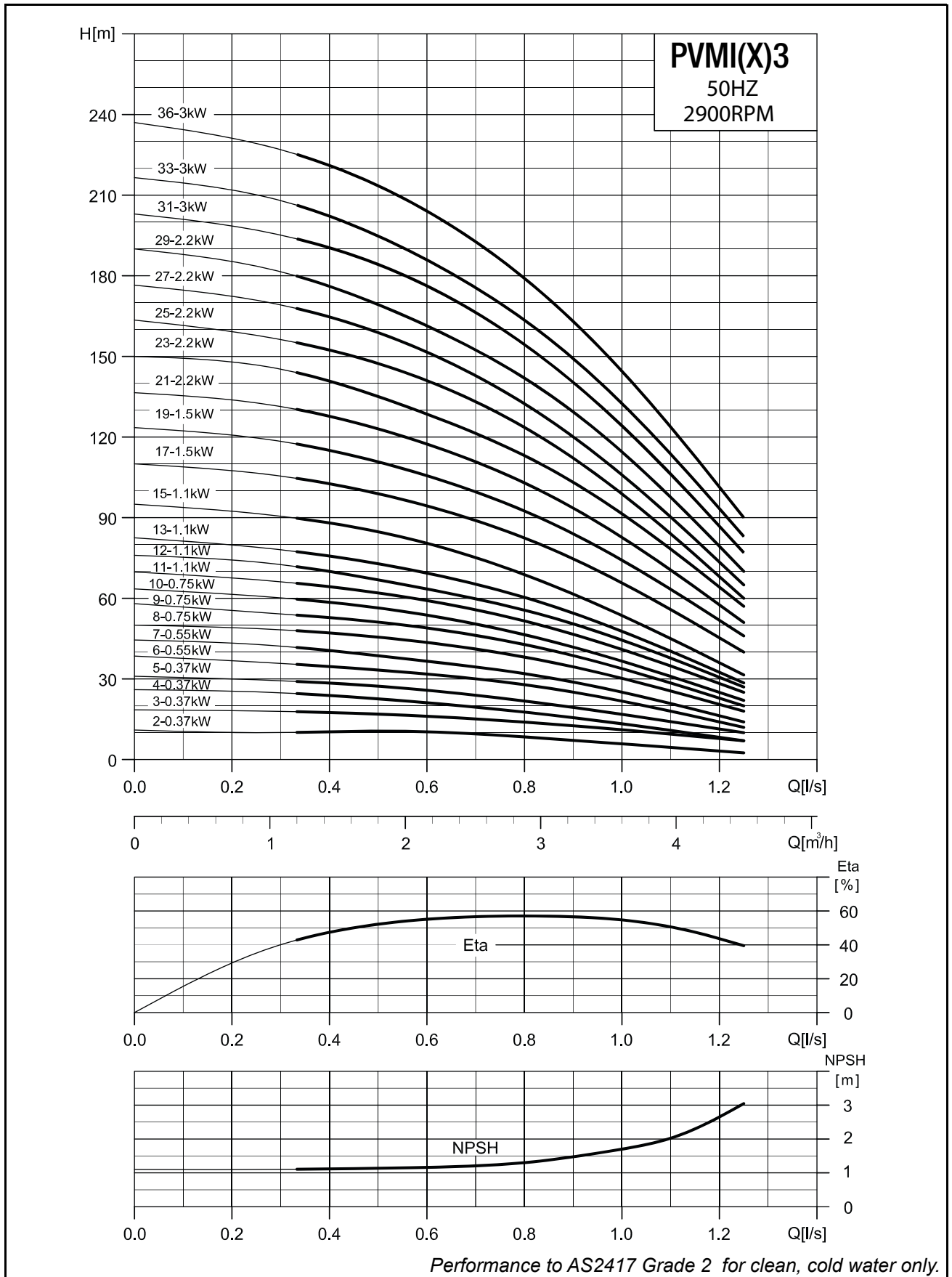


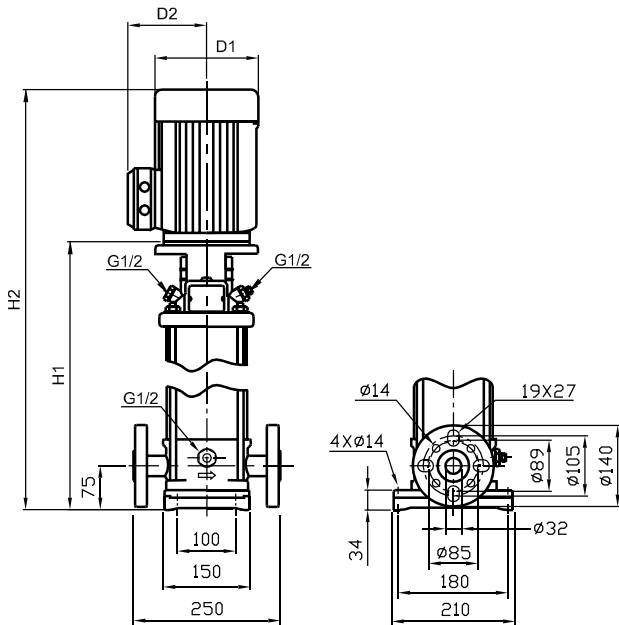
PERFORMANCE DATA


MODEL PVM1 3

PVMI Vertical Multi-Stage Pumps



TECHNICAL DATA



Flange (DIN - ANSI - JIS)
PN 25/DN25/32

Construction Materials		PVMI	PVMX
Motor Bracket	Ductile Iron	ASTM A530 70-50-05	
Top Cap	Stainless Steel	AISI 304	AISI 316
Impeller	Stainless steel	AISI 304	AISI 316
Shaft	Stainless steel	AISI 431	AISI 316
Outer Sleeve	Stainless Steel	AISI 304	AISI 316
Outer Sleeve O Ring		EPDM	
Diffuser	Stainless Steel	AISI 304	AISI 316
Neck Ring		PTFE	
Base	Stainless Steel	AISI 304	AISI 316
Base plate	Cast Iron	ASTM A48 25B	
Coupling	Fe-Cu-C	MPIF FC0525	
Mechanical Seal	Cartridge Type	SiC/SiC	
Pump Range PVM1/PVMX			
Nominal Flow	3m ³ /h		
Flow Range	1.2 - 4.5m ³ /h		
Maximum Head	24 bar		
Max. Inlet Pressure	10 bar (2-29 stages) 15 bar (31-36 stages)		
Max. Operating Pressure	25 bar		
Fluid Temperature	-15 to +120°C		
Motor			
Single Phase	220-230/240V		
Three Phase	220-240/380-415V		
Insulation	Class F		
Enclosure	IP55		
Ambient Temp	40°C		
Connections			
Flange	DIN(ISO) PN16/25 DN25/32 ANSI Class 300 NB25/32 AS2129 Table D/E NB25/32 (Use M12 Bolts) AS2129 Table F/H NB32/40		

DIMENSIONS AND WEIGHTS (3 PHASE UNITS)						
Pump Type	Motor P2(kW)	Dimension (mm)				Net Weight (kg)
		H1	H2	D1	D2	
PVMI 3-2	0.37	282	542	160	155	19.0
PVMI 3-3	0.37	282	542	160	155	19.0
PVMI 3-4	0.37	300	560	160	155	19.0
PVMI 3-5	0.37	318	578	160	155	20.0
PVMI 3-6	0.55	336	596	160	155	21.0
PVMI 3-7	0.55	354	614	160	155	21.0
PVMI 3-8	0.75	378	638	160	155	24.0
PVMI 3-9	0.75	396	655	160	155	24.0
PVMI 3-10	0.75	414	674	160	155	25.0
PVMI 3-11	1.1	432	692	160	155	27.0
PVMI 3-12	1.1	450	710	160	155	28.0
PVMI 3-13	1.1	468	728	160	155	28.0
PVMI 3-15	1.1	504	764	160	155	29.0
PVMI 3-17	1.5	556	861	175	165	38.1
PVMI 3-19	1.5	592	897	175	165	38.8
PVMI 3-21	2.2	628	963	175	165	41.6
PVMI 3-23	2.2	664	999	175	165	42.3
PVMI 3-25	2.2	700	1035	175	165	43.1
PVMI 3-27	2.2	736	1072	175	165	43.8
PVMI 3-29	2.2	772	1107	175	165	44.6
PVMI 3-31	3.0	812	1152	200	170	52.8
PVMI 3-33	3.0	848	1188	200	170	53.5
PVMI 3-36	3.0	902	1242	200	170	54.7

PVM1 3 Motor Data							
Power (kW)	0.37	0.55	0.75	1.1	1.5	2.2	3.0
In (A) 1 x 240V	2.50	3.60	4.70	6.50	8.70	12.5	16.7
In (A) 3 x 415V	1.20	1.70	2.10	2.83	3.70	5.20	6.10

Performance to AS2417 Grade 2 for clean, cold water only.