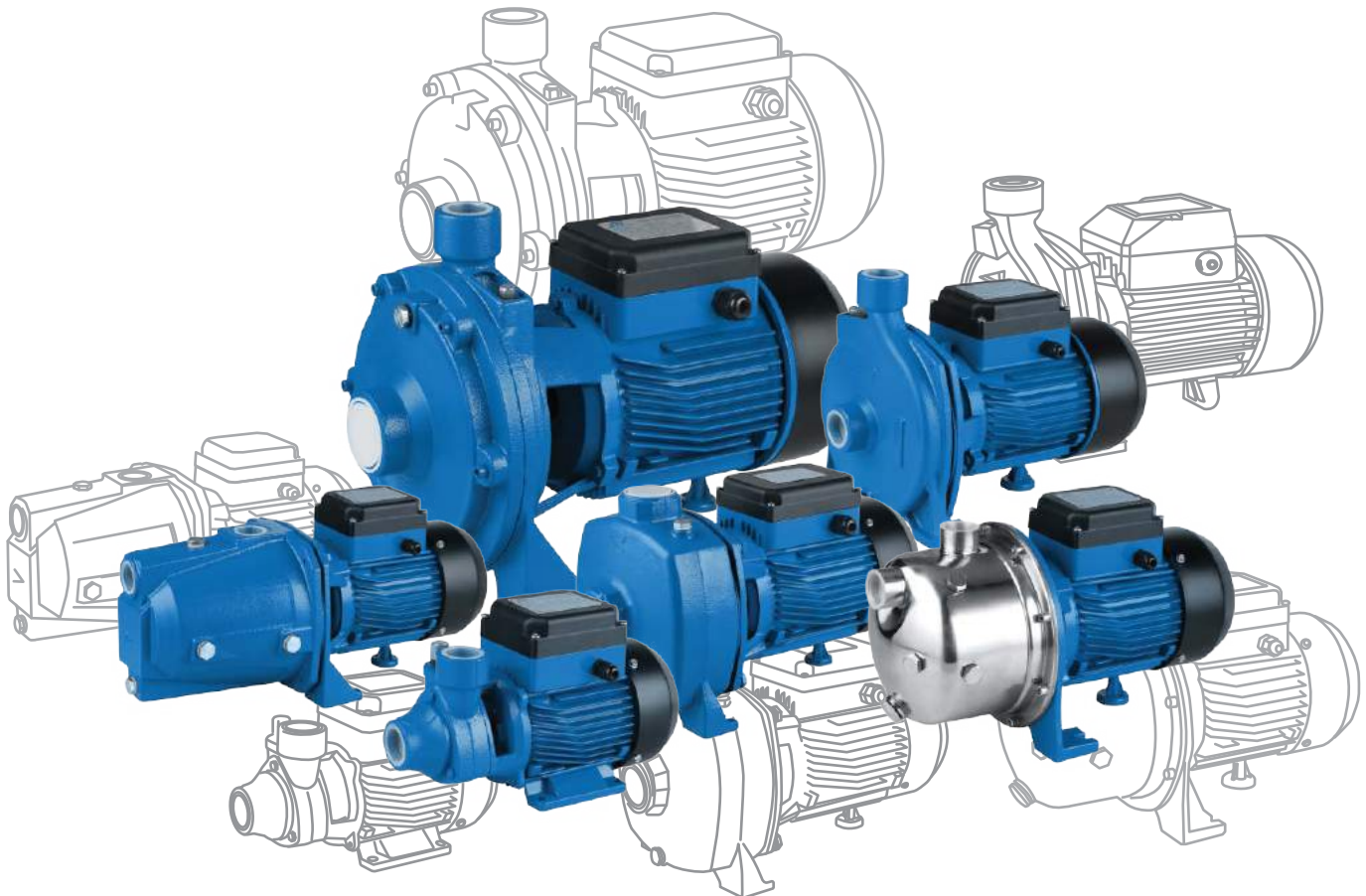


SURFACE PUMP CATALOGUE



JOHNTECH
PUMPS



CPM

Series Centrifugal Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Cast Iron / Brass / Stainless Steel
- Impeller: Brass / Stainless Steel
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front Cover: Cast Iron / Stainless Steel / Aluminium with Brass Insert

Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



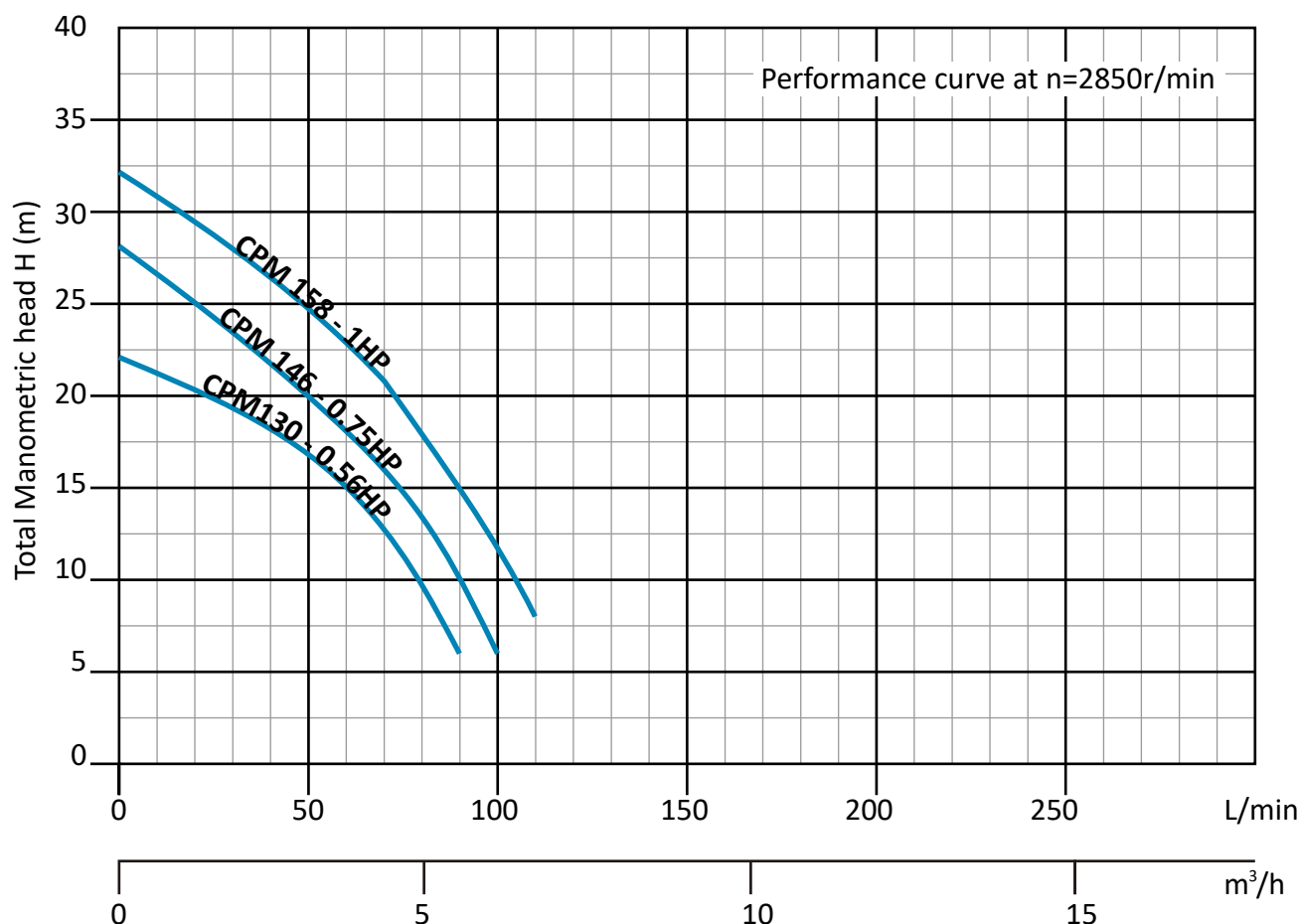
CPM Series pump



CPM Series pump with PS-01 controller

CPM

Series Centrifugal Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min			DNA	DNM	
	Input max kW	Output Power		Current A	Q.max L/min	H.max m			Suct.max m
		kW	HP						
CPM-130	0.60	0.40	0.56	2.9	90	22	9	1"	1"
CPM-146	0.75	0.55	0.75	3.8	100	28	9	1"	1"
CPM-158	1.10	0.75	1.00	5.2	110	32	9	1"	1"

Other voltages and frequencies available on request.

CPW

Series Centrifugal Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



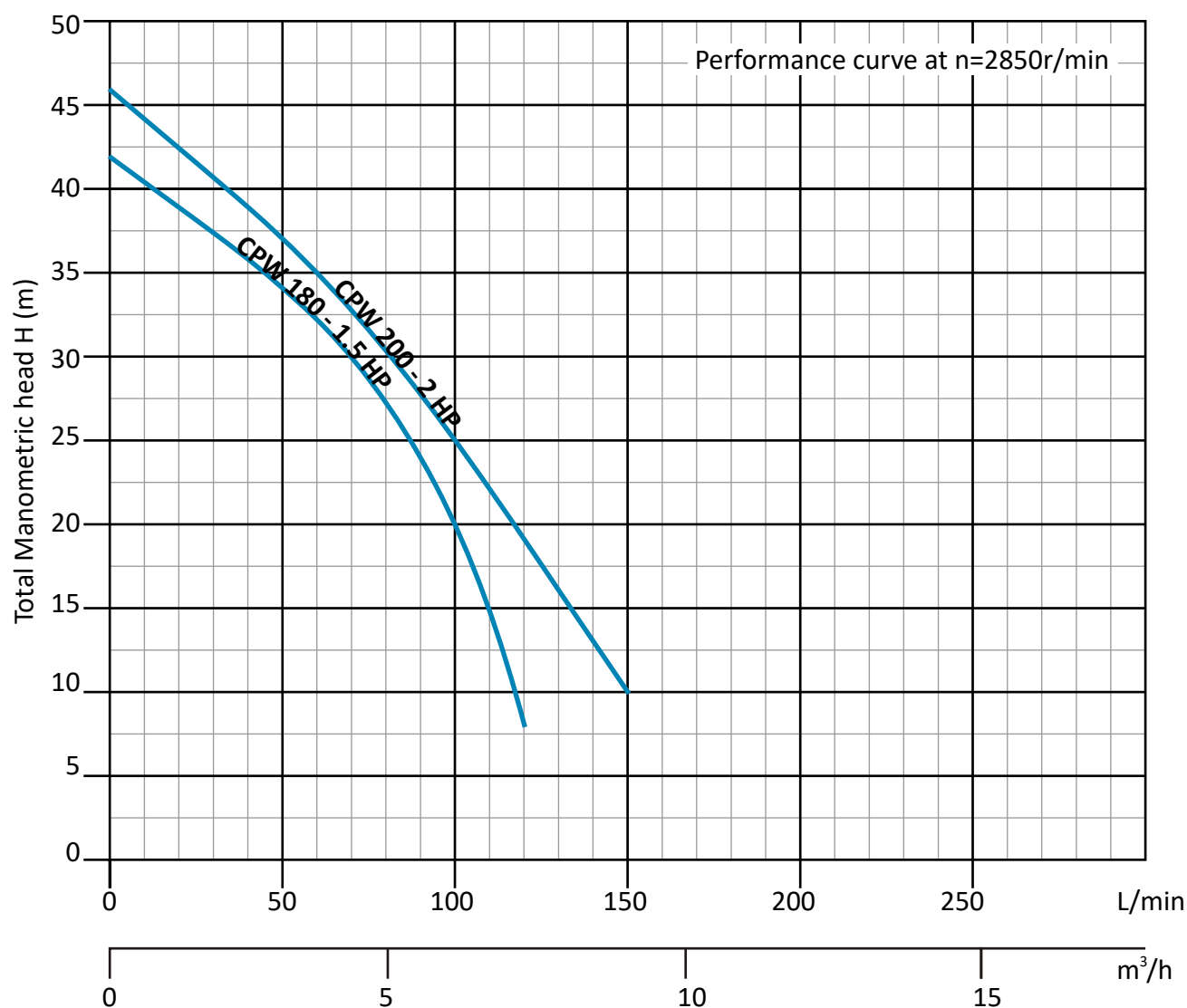
CPW Series pump



CPW Series pump with PS-01 controller
Available for: CPW 180

CPW

Series Centrifugal Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor				n=2850r/min			DNA	DNM
	Input max kW	Output Power		Current A	Q.max L/min	H.max m	Suct.max m		
		kW	HP						
CPW-180	1.50	1.10	1.50	7.0	120	42	9	1"	1"
CPW-200	2.00	1.50	2.00	9.6	150	46	9	1"	1"

JET-JM

Series Self-Priming Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



JET-JM Series pump

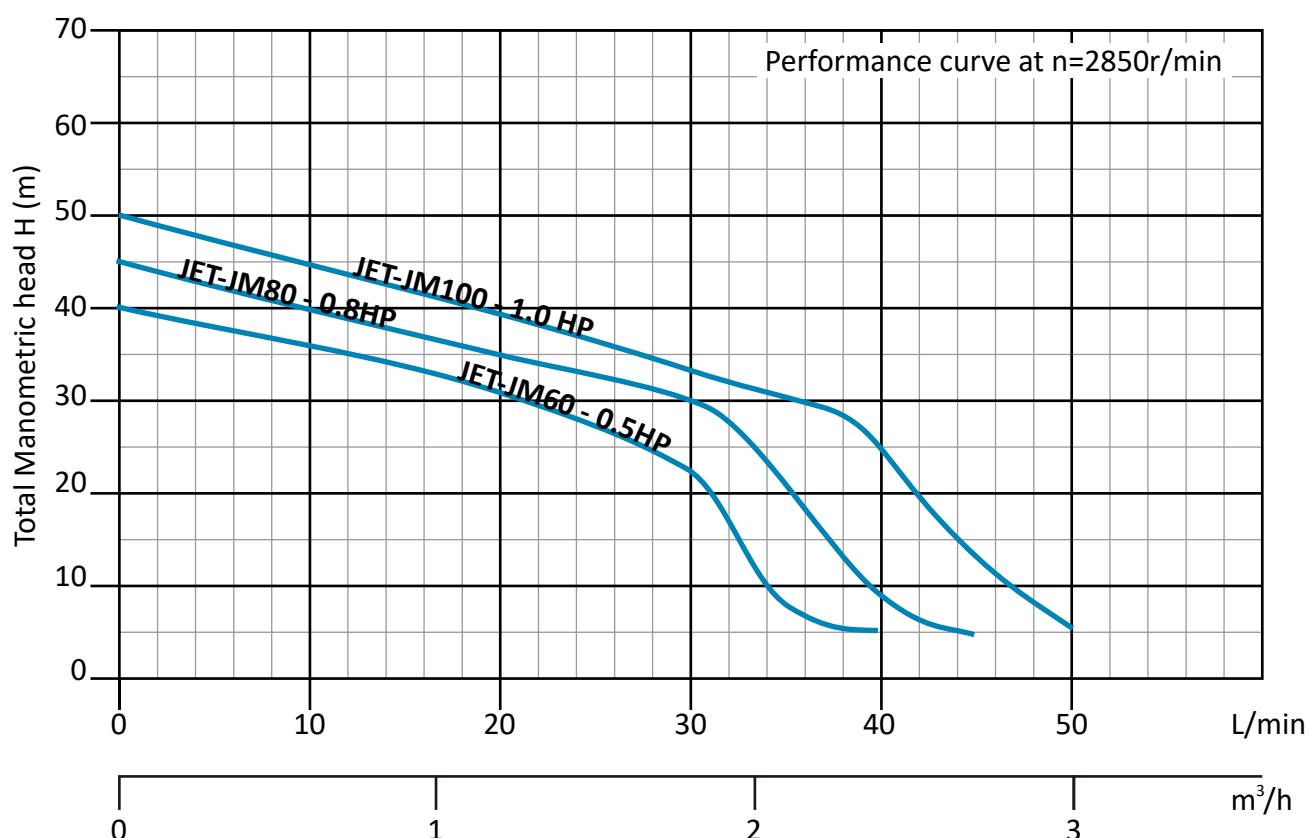


JET-JM Series pump with PS-01 controller

Available for: JET-JM60
JET-JM80
JET-JM100

JET-JM

Series Self-Priming Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor				n=2850r/min			DNA	DNM
	Input max kW	Output Power		Current A	Q.max L/min	H.max m	Suct.max m		
		kW	HP						
JET-JM60	0.55	0.37	0.50	2.5	40	40	9	1"	1"
JET-JM80	0.88	0.60	0.80	4.2	45	45	9	1"	1"
JET-JM100	1.10	0.75	1.00	5.2	50	50	9	1"	1"

JET-JM

JET-ST

Series Stainless Steel Self-Priming Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Stainless Steel
- Impeller: Brass / Techno-polymer (P.P.O) / Stainless Steel
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

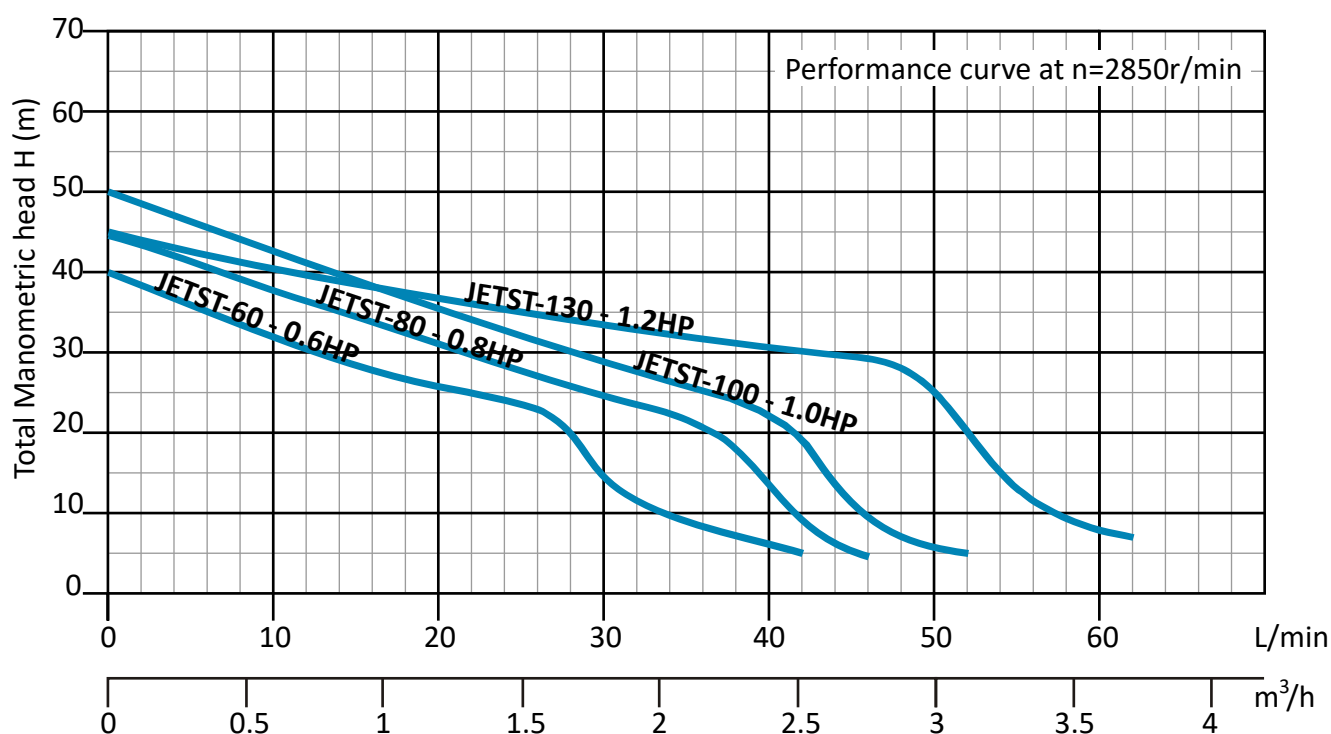
Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



JET-ST

Series Stainless Steel Self-Priming Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min			DNA	DNM	
	Input max kW	Output Power		Current A	Q.max L/min	H.max m			Suct.max m
		kW	HP						
JETST-60	0.68	0.46	0.6	3.2	42	40	9	1"	1"
JETST-80	0.88	0.60	0.8	4.2	46	45	9	1"	1"
JETST-100	1.10	0.75	1.0	5.2	52	50	9	1"	1"
JETST-130	1.30	0.90	1.2	5.8	62	45	9	1"	1"

PM

Series Peripheral Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



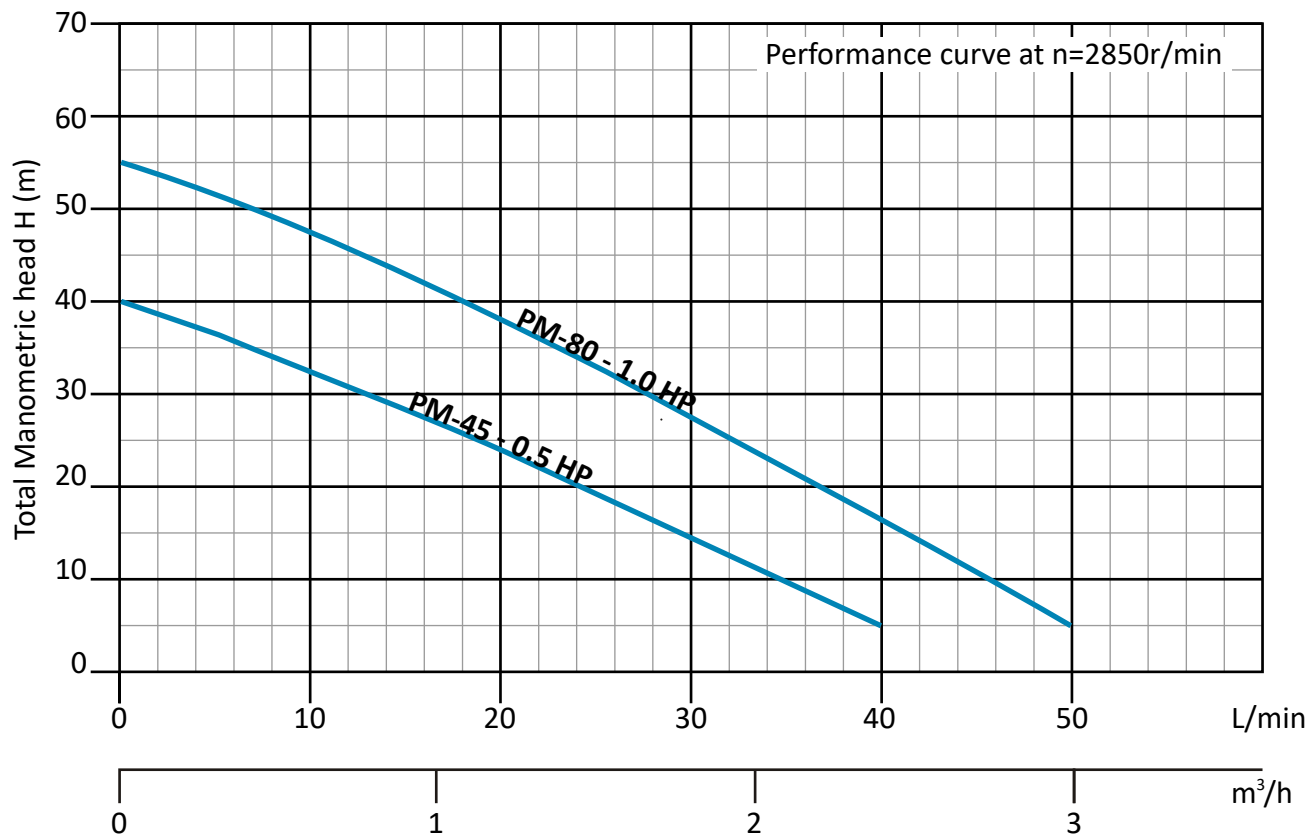
PM Series Peripheral pump



JET-JM Series pump with PS-01 controller
Available for: PM-45
PM-80

PM

Series Peripheral Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min			DNA	DNM	
	Input max kW	Output Power		Q.max L/min	H.max m	Suct.max m			
		kW	HP						A
PM-45	0.50	0.37	0.50	2.50	40	40	9	1"	1"
PM-80	1.10	0.75	1.00	5.20	50	55	9	1.5"	1.5"

PM

Series Peripheral Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



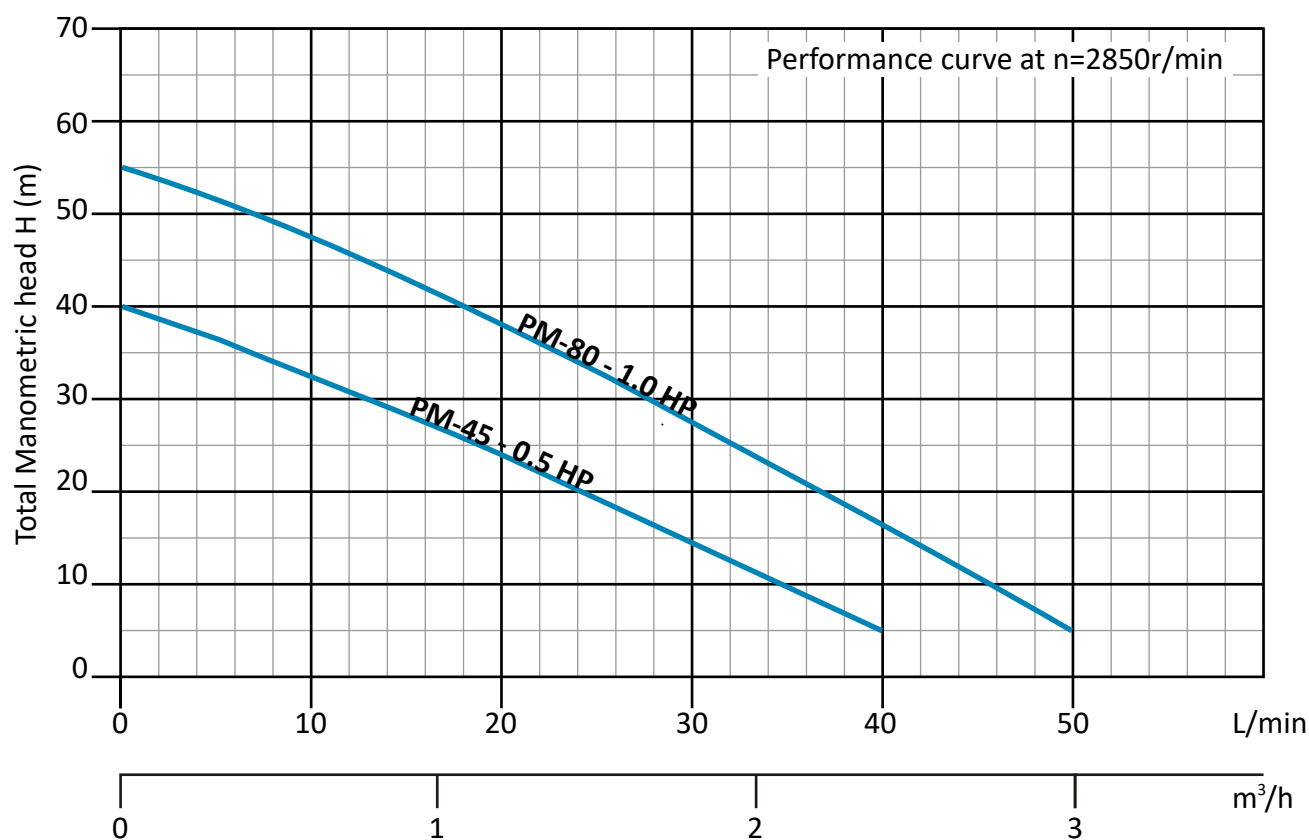
PM Series Peripheral pump



JET-JM Series pump with PS-01 controller
Available for: PM-45
PM-80

PM

Series Peripheral Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min			DNA	DNM	
	Input max kW	Output Power		Q.max L/min	H.max m	Suct.max m			
		kW	HP						A
PM-45	0.50	0.37	0.50	2.50	40	40	9	1"	1"
PM-80	1.10	0.75	1.00	5.20	50	55	9	1.5"	1.5"

SCM2

Series Dual Stages Centrifugal Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

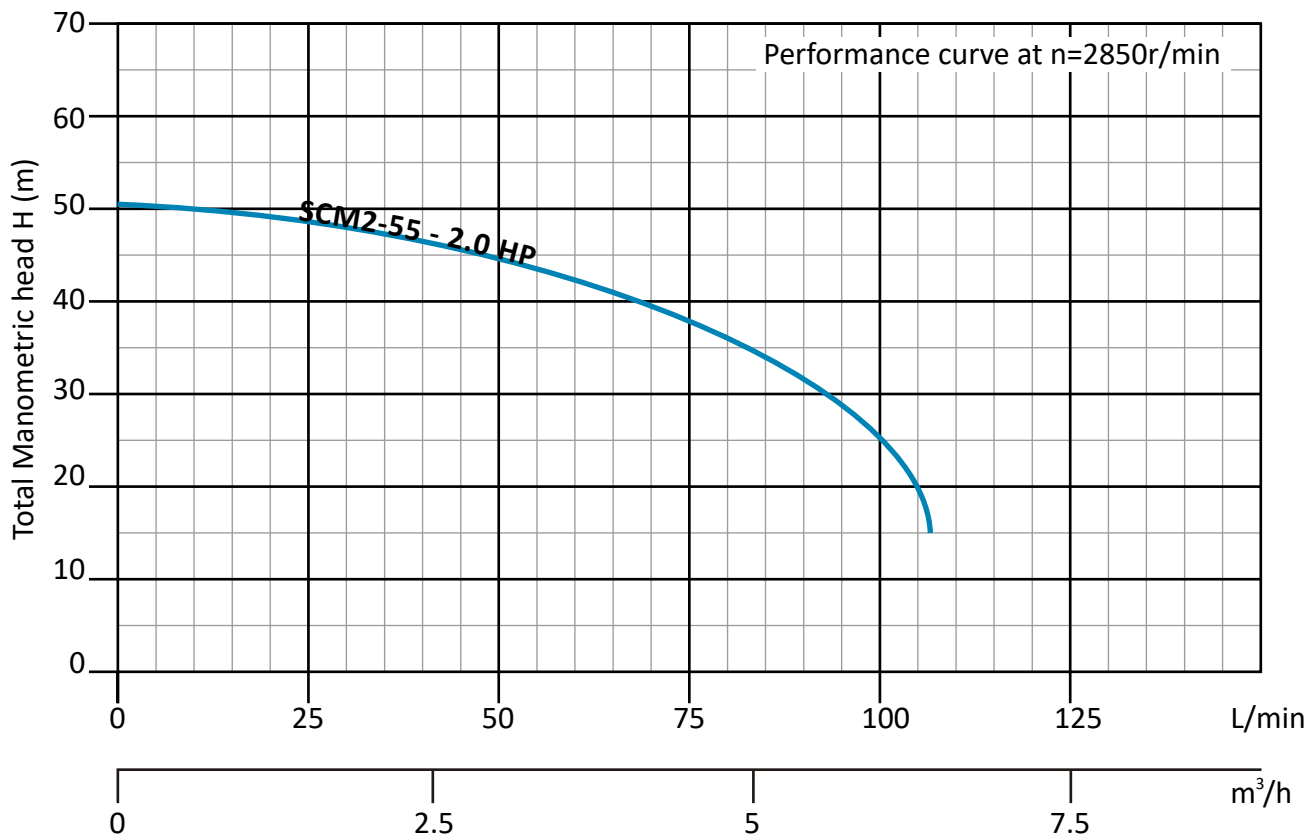
- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



SCM 2 Series Dual Stages Centrifugal Pump

SCM2

Series Dual Stages Centrifugal Pump



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min					
	Input max kW	Output Power		Current A	Q.max	H.max	Suct.max	DNA	DNM
		kW	HP		L/min	m	m	Inch	Inch
SCM2-55	2.0	1.5	2.0	9.6	105	50	9	1.25"	1"

MB

Series Dual Stages Centrifugal Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

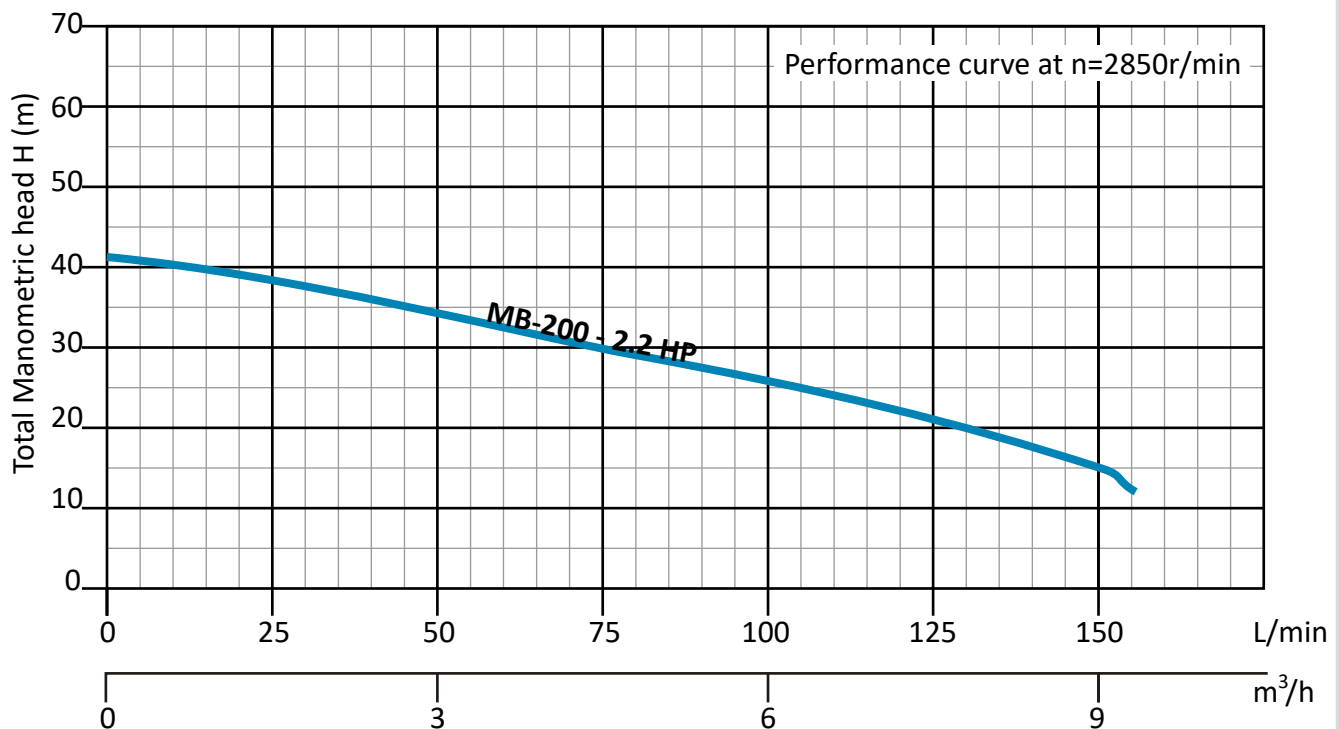
- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



PM Series Peripheral pump

MB

Series Dual Stages Centrifugal Pump



Technical Data (220~240V/50HZ)

Model	Size	Single-phase Motor				n=2850r/min		
		Input max	Output Power		Current	Q.max	H.max	Suct.max
	Inch	kW	kW	HP	A	L/min	m	m
MB-200	1.5"×1.25"	2.1	1.65	2.2	9.8	155	42	9



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HEAD OFFICE
10 Escalonia street
Montana Park
Pretoria
South Africa

PORT ELIZABETH BRANCH
134B Paterson road
North End
Port Elizabeth
South Africa

PUMP PACK CATALOGUE



JOHNTECH
PUMPS



3" Water Pack

3" Water Pack

Application

- Pumping Clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply.

Operating Conditions

- Submersible Depth: 100m
- Liquid temperature up to + 40 Degree
- Ambient temperature up to + 40 Degree
- Minimum well diameter: 3.5"

Material

- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

Motor and Pump

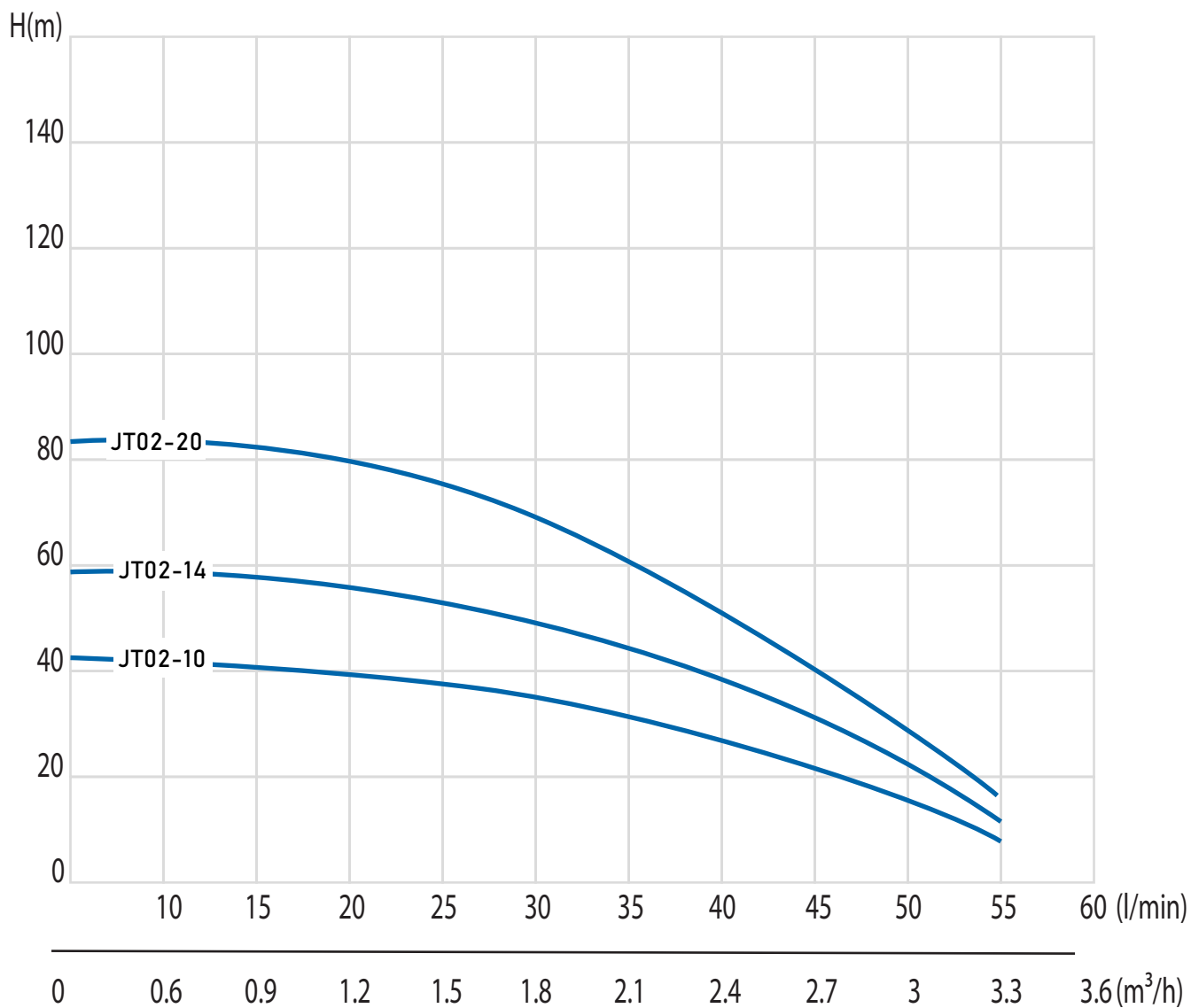
- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8
- Outlet diameter: 1"



Includes: Pump, Motor, Control Box, Cable, Safety Rope, Baseplate and 3x Compression Fittings

MODEL	PUMP	KW	ROPE (M)	CABLE (M)	M ³ /H	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		230V				L/MIN	0	5	10	15	20	25	30	35	40	45
WATER PACK 1	JT 02-10	0.25	40	50	HEAD (M)	42	41	41	39	37	34	30	26	21	15	9
WATER PACK 2	JT 4-02-11	0.37	50	60		59	57	57	55	52	48	42	36	29	20	13
WATER PACK 3	JT 4-02-14	0.55	60	70		84	82	81	78	74	68	60	52	41	29	18

Performance Curves



3" Water Pack



4" Water Pack

4" Water Pack

Application

- Pumping Clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply.

Operating Conditions

- Submersible Depth: 100m
- Liquid temperature up to + 40 Degree
- Ambient temperature up to + 40 Degree
- Minimum well diameter: 3.5"

Material

- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

Motor and Pump

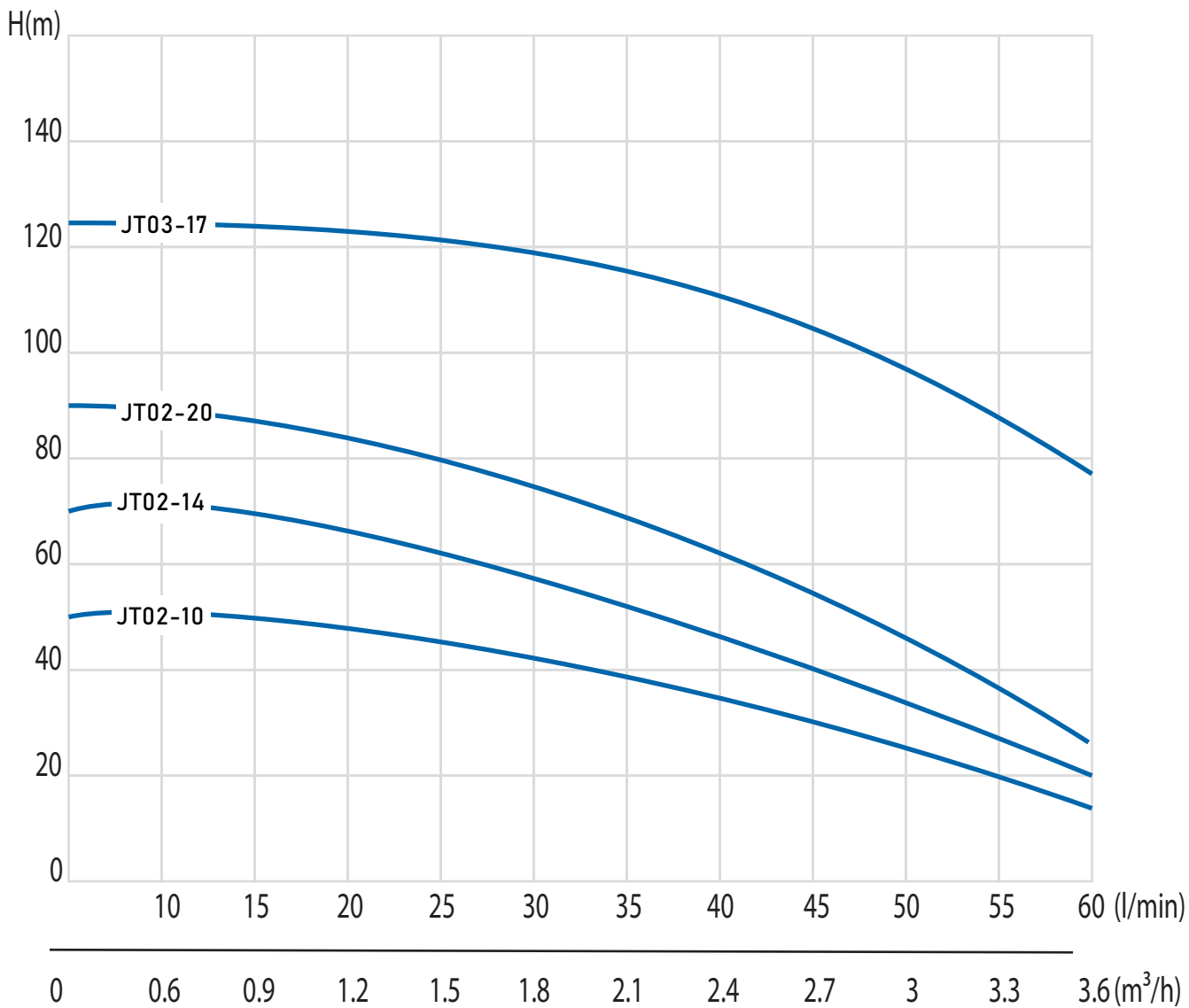
- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8
- Outlet diameter: 1"



Includes: Pump, Motor, Control Box, Cable, Safety Rope, Baseplate and 3x Compression Fittings

MODEL	PUMP	KW	ROPE (M)	CABLE (M)	M ³ /H	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
		230V				L/MIN	0	10	20	30	40	50	60	70
JOHN TECH PACK 1	JT 4-02-08	0.37	50	50	HEAD (M)	51	47	45	42	36	26	15		
JOHN TECH PACK 2	JT 4-02-11	0.55	60	60		70	65	62	57	49	36	20		
JOHN TECH PACK 3	JT 4-02-14	0.75	70	70		90	83	79	72	62	45	26		
JOHN TECH PACK 4	JT 4-03-17	1.1	80	80		129	127	124	119	109	95	77	56	32

Performance Curves





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