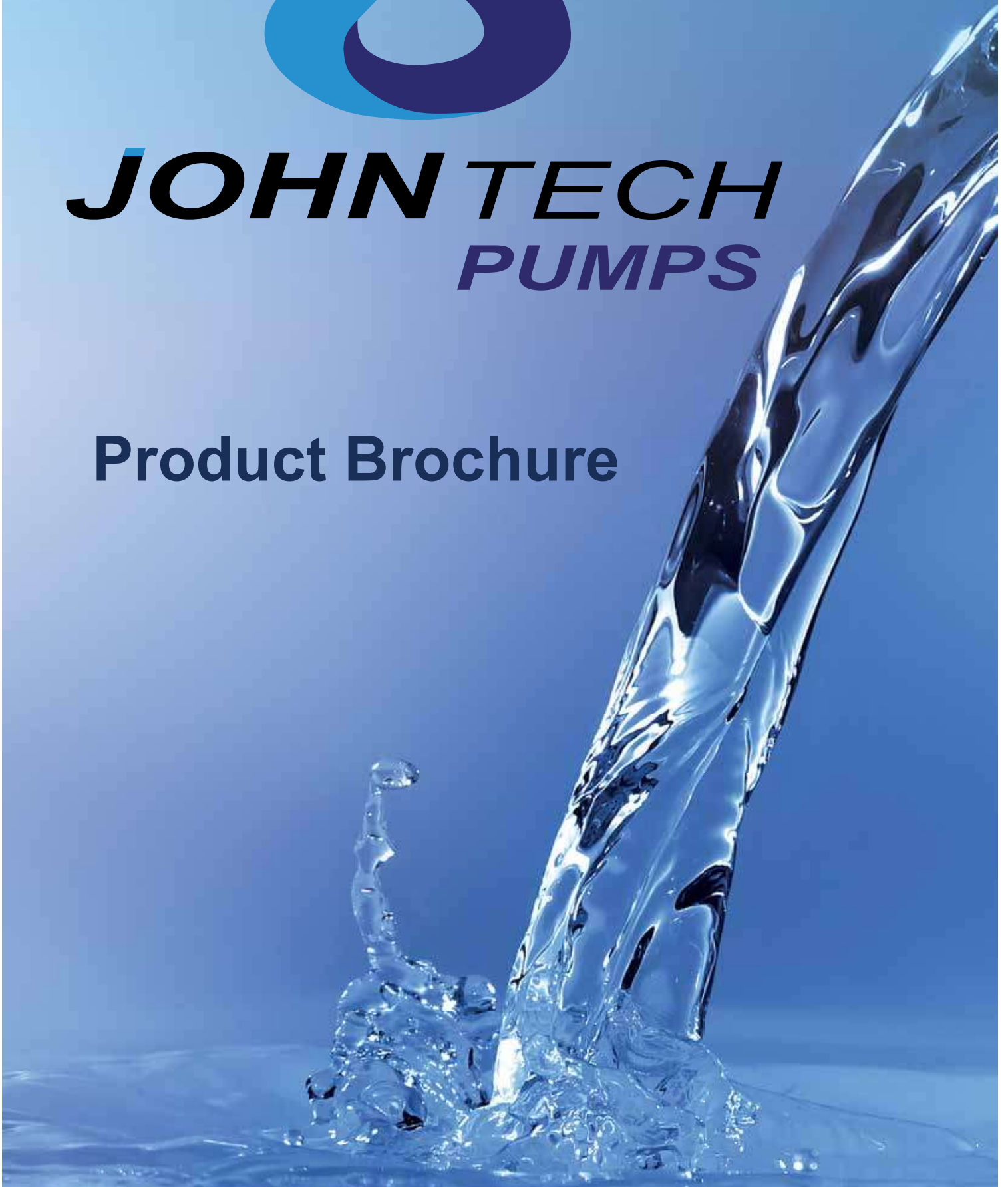




JOHN TECH ***PUMPS***

Product Brochure





Important information:

This document should be read in conjunction with the technical manual from the suppliers. The contents of this document remains the property of Vansan SA (Pty) Ltd and may not be distributed without the explicit written consent of Management.



About us

We are a leading supplier of high-quality pumps and accessories in Africa. Our broad product range covers all requirements for liquid transfer within the agricultural, industrial, manufacturing, home, fire safety, civil, and mining sectors. Nothing is too big or small for us to help with in a professional manner because we take pleasure in providing individualized service to our customers.

We know that great service depends on having great people. We strive to employ individuals who share our values and embrace the changes that keep us ahead in the market.

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Peripheral Pumps

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total Suction Head = 6-8m

Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Ceramic Steatite/
Metalized Carbon

Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation

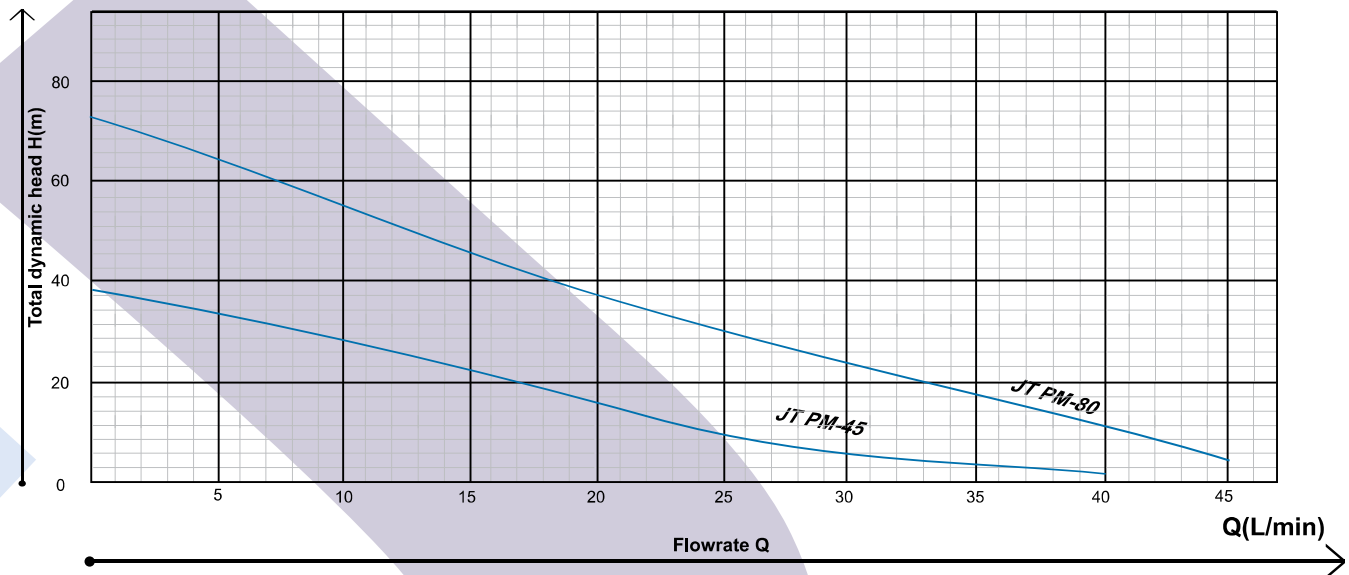


PM Series Peripheral pump



PM Series pump with PS-01 controller

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	10	15	20	25	30	35	40	45	45	Weight Kg
JT PM45	0.5	0.37	1"/1"	9	40	38		38	35	25	18	14	8	5	2			5.8
JT PM80	1	0.75	1"/1"	9	46	65		65	55	48	38	29	23	16	9	4	2	10.5

CPM

Centrifugal Pumps

Operating Conditions

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

Pump

- Pump Body: Cast Iron
- Impeller: PPO
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front Cover: Cast Iron

Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Welding Shaft/Stainless steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation

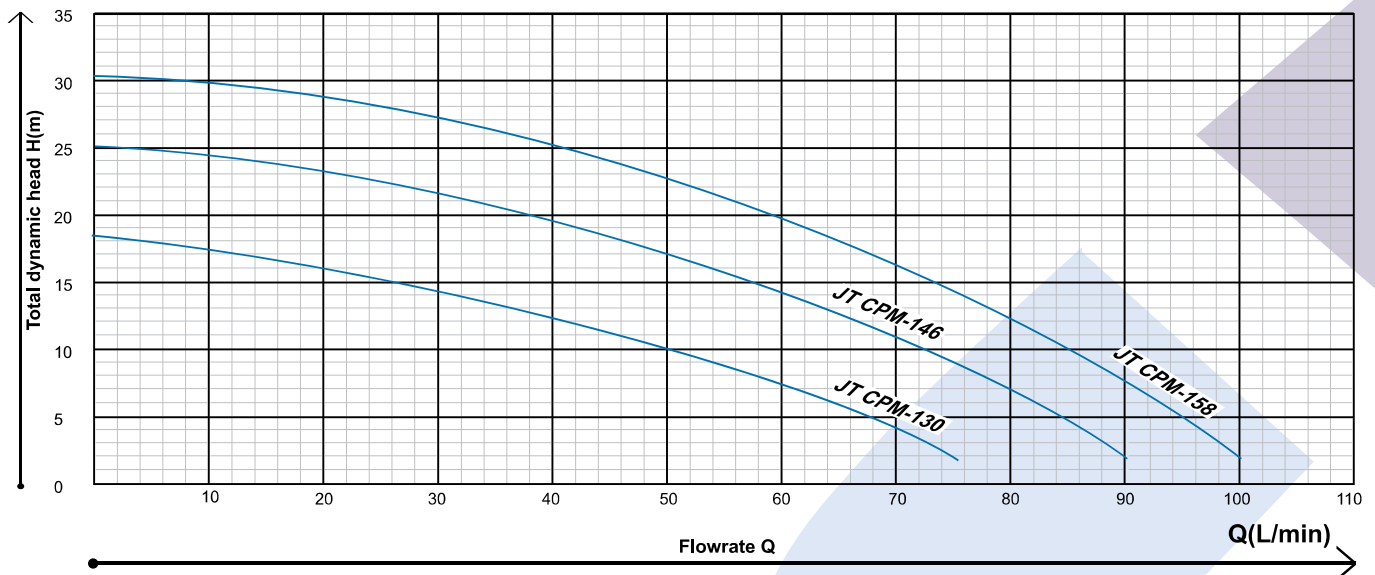


CPM Series pump



CPM Series pump with PS-01 controller

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	20	40	60	75	80	90	100	105	Weight Kg
JT CPM130	0.5	0.37	1"/1"	9	75	18	H(m)	18	16	12	8	2					9
JT CPM146	0.75	0.55	1"/1"	9	90	25	H(m)	25	23	19	14	9	7	2			13
JT CPM158	1	0.75	1"/1"	9	100	30	H(m)	30	28	25	20	14	12	8	2		14

Centrifugal Pumps

Operating Conditions

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

Pump

- Pump Body: Cast Iron
- Impeller: PPO
- Mechanical Seal: Carbon / Ceramic / Stainless Steel
- Front Cover: Cast Iron

Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Carbon Steel / Stainless steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation

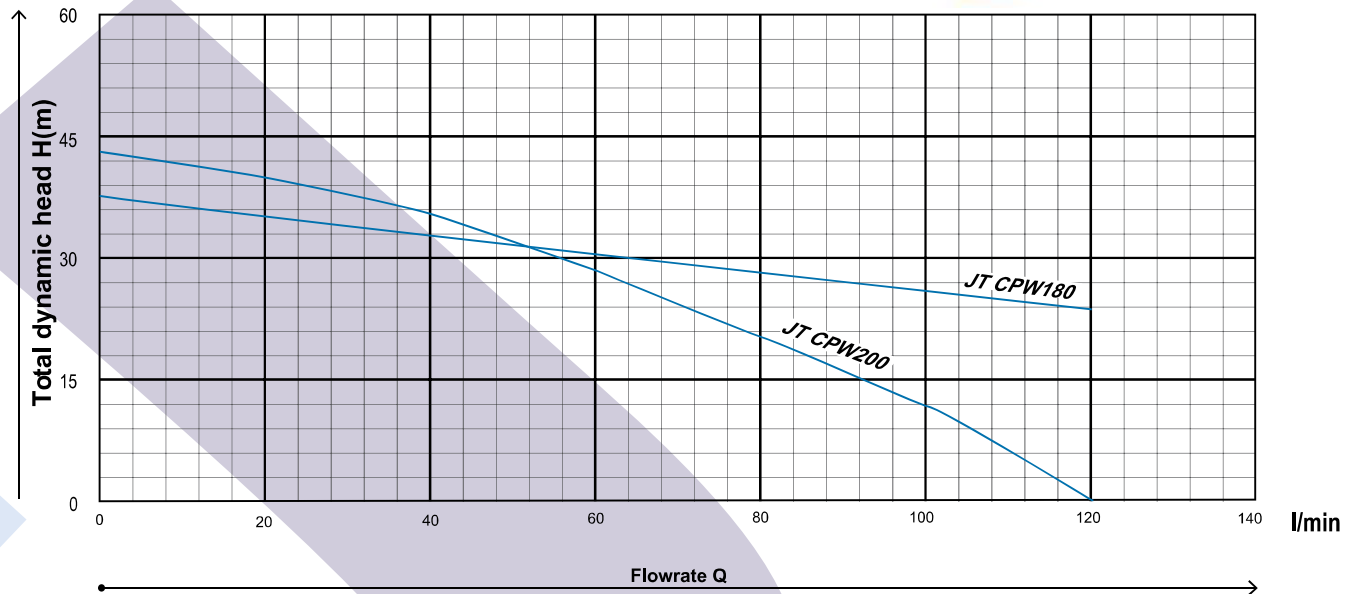


CPW Series pump



CPW Series pump with PS-01 controller

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	20	40	60	75	80	90	100	105	Weight Kg
JT CPW180	1.5	1.1	1"/1.25"/1"	9	105	37		37	35	33	31	29	28	27	26	25	19
JT CPW200	2	1.5	1"/1.25"/1"	9	105	43	H(m)	43	41	35	28	21	19	16	12	10	20

JETJM

Self-priming Pumps

Operating Conditions

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

Pump

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

Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Welding shaft/Stainless Steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation

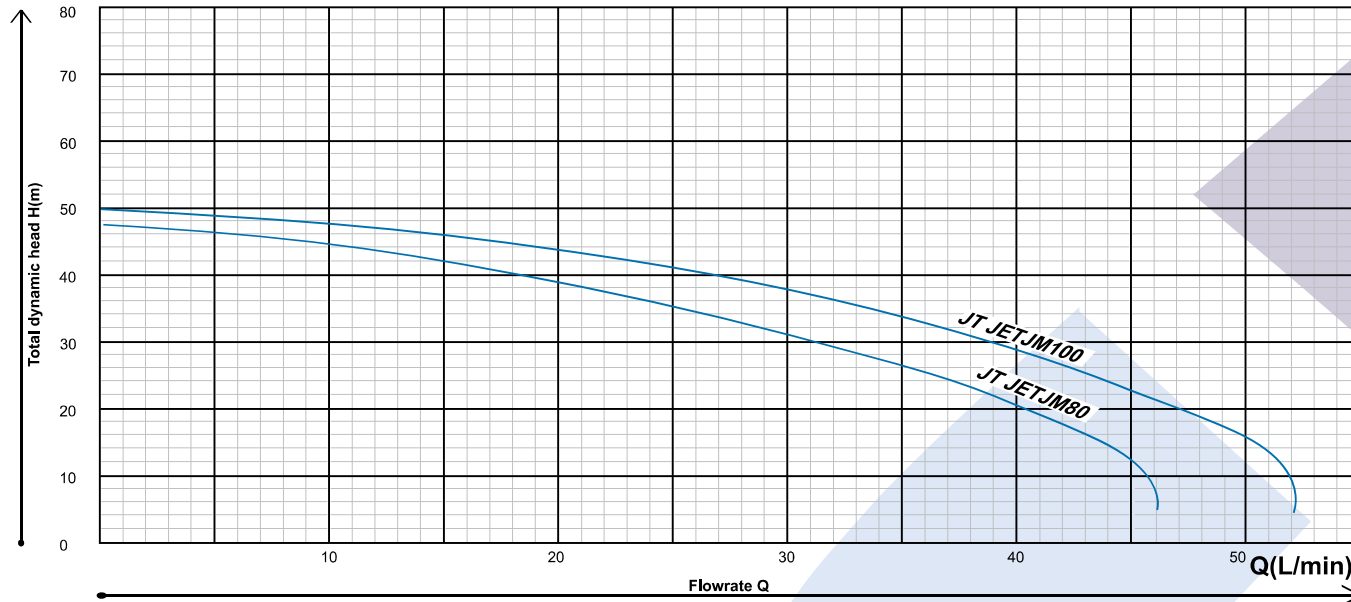


Jet-JM Series pump



Jet-JM Series pump with
PS-01 controller

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	10	20	30	42	46	52	60	70	Dimension (mm)
JT JETJM80	0.75	0.55	1"/1"	9	46	45	H(m)	45	38	31	25	12	5				400x220x240
JT JETJM 100	1	0.75	1"/1"	9	52	52	H(m)	52	43	37	32	27	12	5			400x220x240

JETST

Self Priming Pumps

Operating Conditions

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

Pump

- Pump Body: Stainless Steel
- Impeller: Stainless Steel
- Mechanical Seal: Ceramic Steatite/
Metalized Carbon

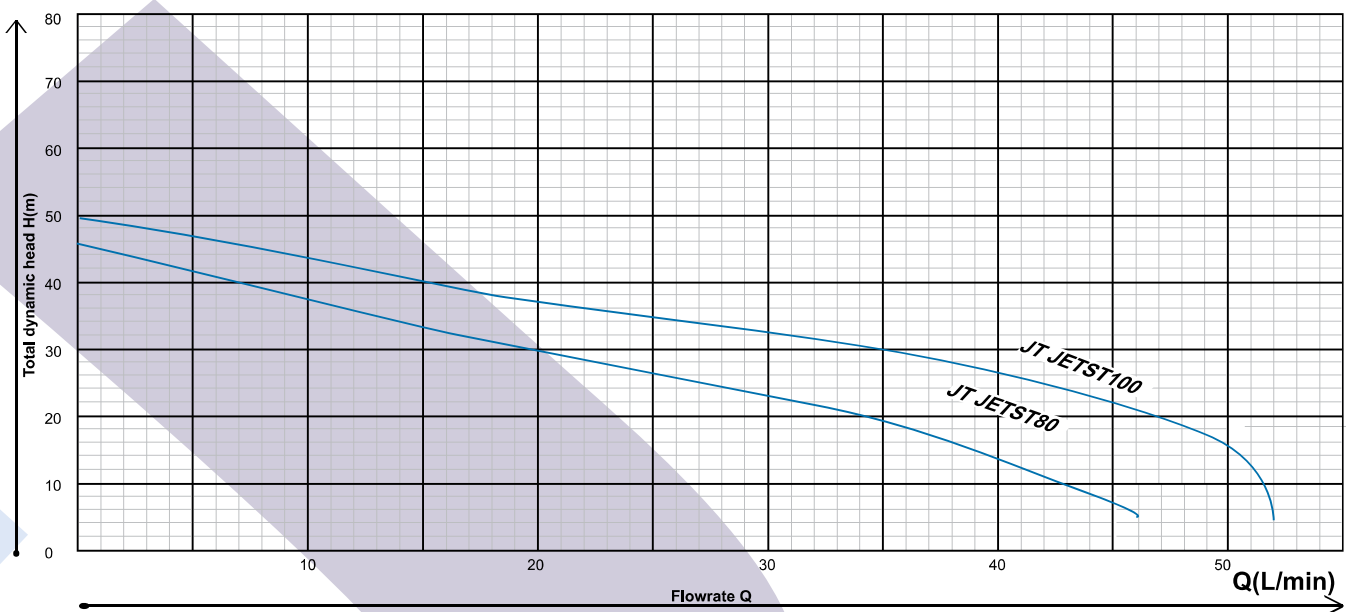
Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Welding shaft/Stainless Steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation



JET-ST Series Stainless Steel Self-Priming Pump

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	10	15	20	30	35	42	46	52	Weight Kg
JT JETST80	0.75	0.55	1"/1"	9	46	45	H(m)	45	38	35	28	25	23	12	5		10
JTJETST100	1	0.75	1"/1"	9	52	50		50	43	40	34	32	30	27	12	5	11

Centrifugal Pumps

Operating Conditions

- Liquid temperature up to 80°C
- Ambient temperature up to 40°C
- Max pressure up to 10 bar

Pump

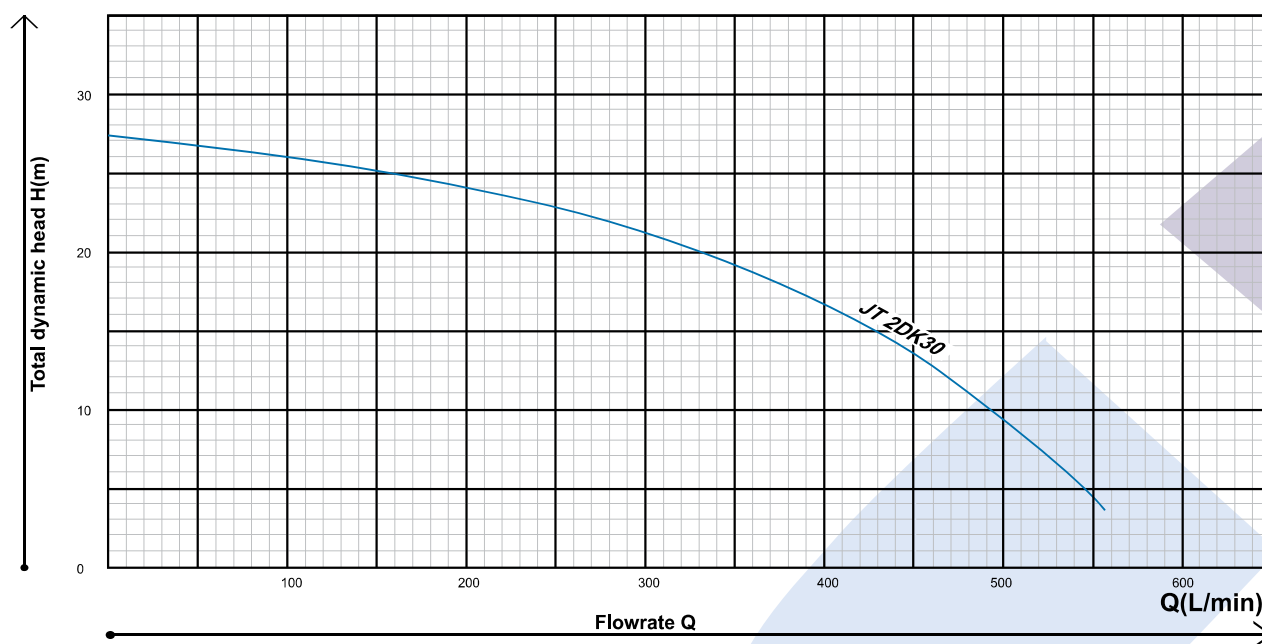
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Ceramic Steatite/
Metalized Carbon

Motor

- Motor Housing: Aluminium
- Shaft: Welding Shaft/Stainless Steel
- Insulation: Class B/F
- Protection: IP44/IP54
- Cooling: External Ventilation



Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	30	65	100	180	210	300	480	520	560	Weight Kg
JT 2DK30	3	2.2	2"/2"	9	560	28	H(m)	28	27	26.5	26	25	24	22	12	6	4	24

Centrifugal Pumps

Operating Conditions

- Liquid temperature up to 80°C
- Ambient temperature up to 40°C
- Max pressure up to 10 bar

Pump

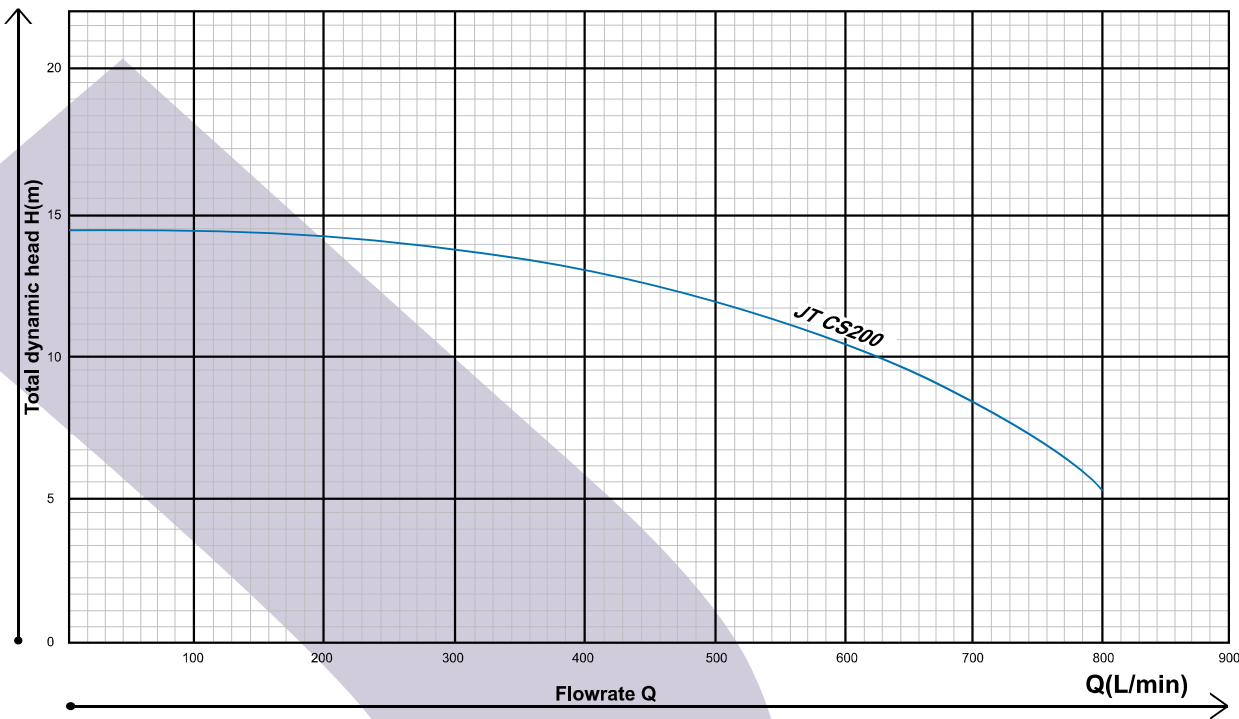
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Ceramic Steatite/
Metalized Carbon

Motor

- Motor Housing: Aluminium
- Shaft: Welding Shaft/Stainless Steel
- Insulation: Class B/F
- Protection: IP44/IP54
- Cooling: External Ventilation



Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	100	200	300	400	500	600	700	800	900	Weight Kg
JT CS200	2	1.5	2"/2"	9	800	14	H(m)	14	14	14	13.7	13	12	10	7.5	6		26

CM2-200

Twin-Impeller Pumps

Operating Conditions

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

Pump

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

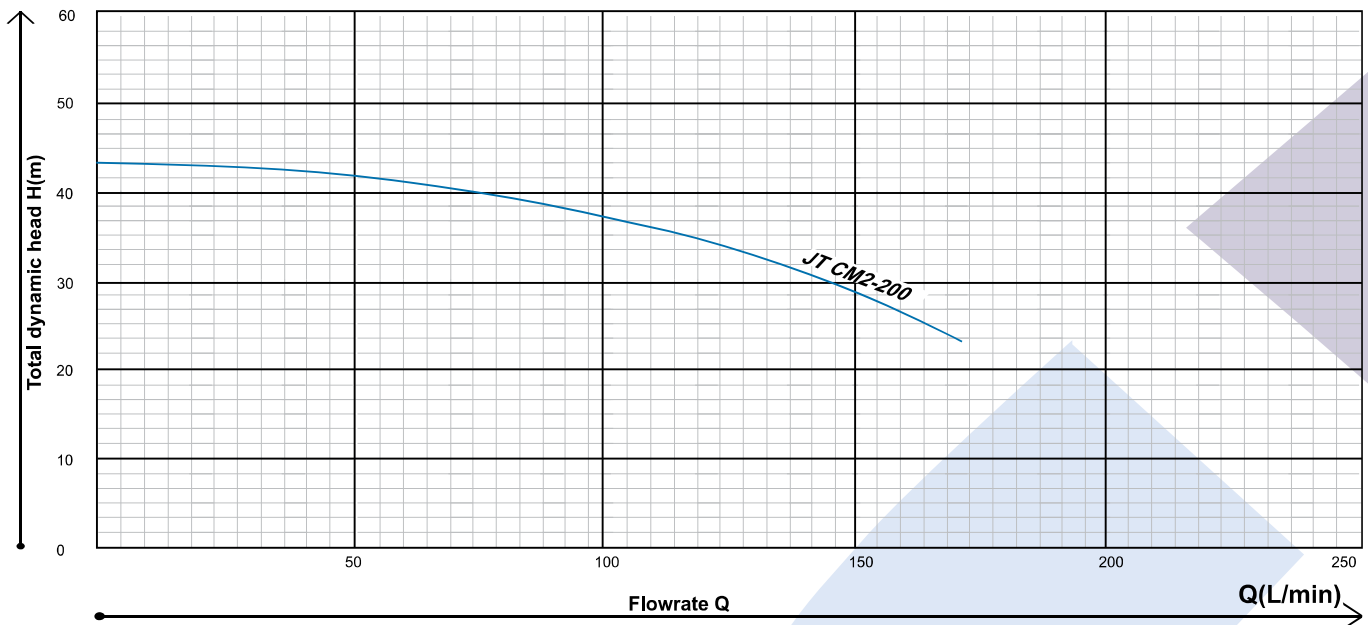
Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Welding shaft/Stainless Steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation



CM2-200 Series
Twin-Impeller Pump

Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	20	40	60	80	100	110	120	140	160	Dimension (mm)
JT CM2-200	3	2.2	1.25"/1"	9	160	43	H(m)	43	42	41	39.5	38	36	34	32	28	24	435x235x285

Twin-Impeller Pumps

Operating Conditions

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

Pump

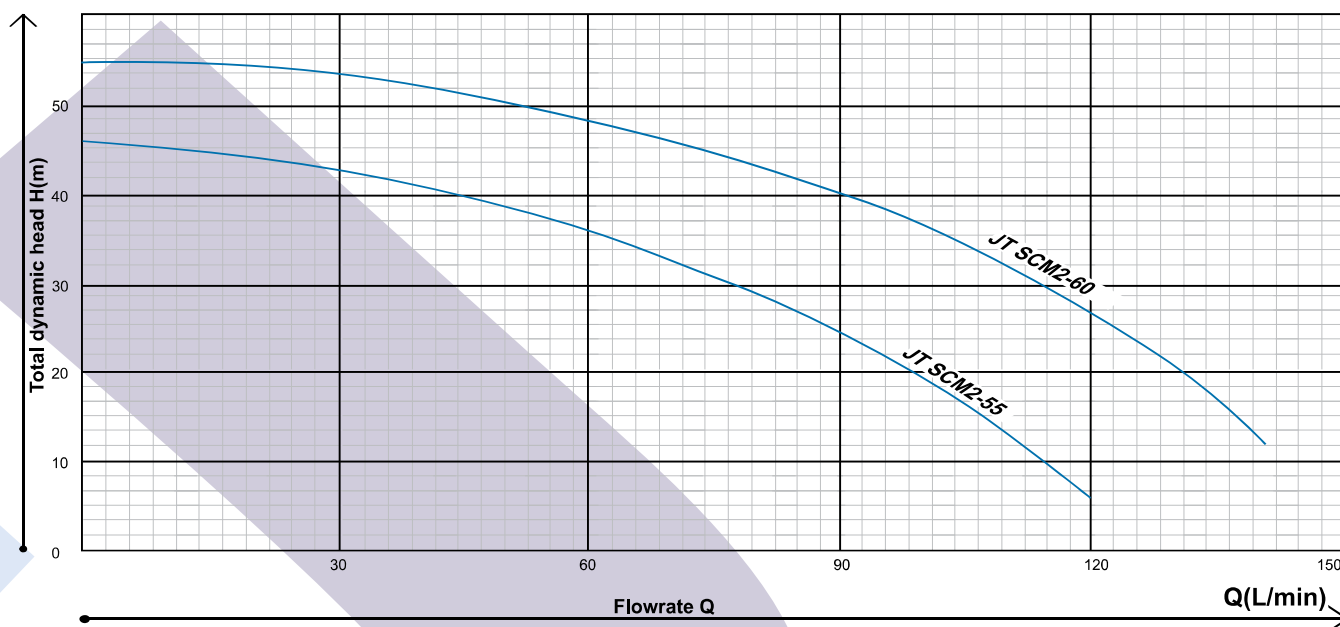
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

Motor

- Single Phase
- Motor Housing: Aluminium
- Shaft: Welding shaft/Stainless Steel
- Insulation: Class B
- Protection: IP44
- Cooling: External Ventilation



Performance Chart at 2850rpm



Performance Table

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max (l/min)	H.Max (m)	Q (l/min)	0	20	40	60	80	100	110	120	140	Weight Kg
JT SCM2-55	2	1.5	1.25"/1"	9	120	46		46	44	41	36	29	19.5	13	6		9
JT SCM2-60	3	2.2	1.5"/1.25"&1.25"/1"	9	140	55	H(m)	55	54.5	52	49	43	36	32	27	12	13

Flow/Pressure Controllers

Automatic Pump Control PS01

Rated Voltage: 220-240V
Max power: 1.1kw
Max rated current: 10A
Protection Degree: IP65
Connection: 1" Male
Starting pressure: 1.5 Bar
Maximum pressure: 10 Bar



Automatic Pump Control PS01A

Rated Voltage: 220-240V
Max power: 2.2kw
Max rated current: 30A
Protection Degree: IP65
Connection: 1 1/4" Male
Starting pressure: 2.2 Bar
Maximum pressure: 10 Bar



Automatic Pump Control PS02B

Rated Voltage: 220-240V
Max power: 1.1kw
Max rated current: 10A°
Protection Degree: IP65
Connection: 1" Male
Starting pressure: 1.5 - 3 Bar adjustable
Maximum pressure: 10 Bar

