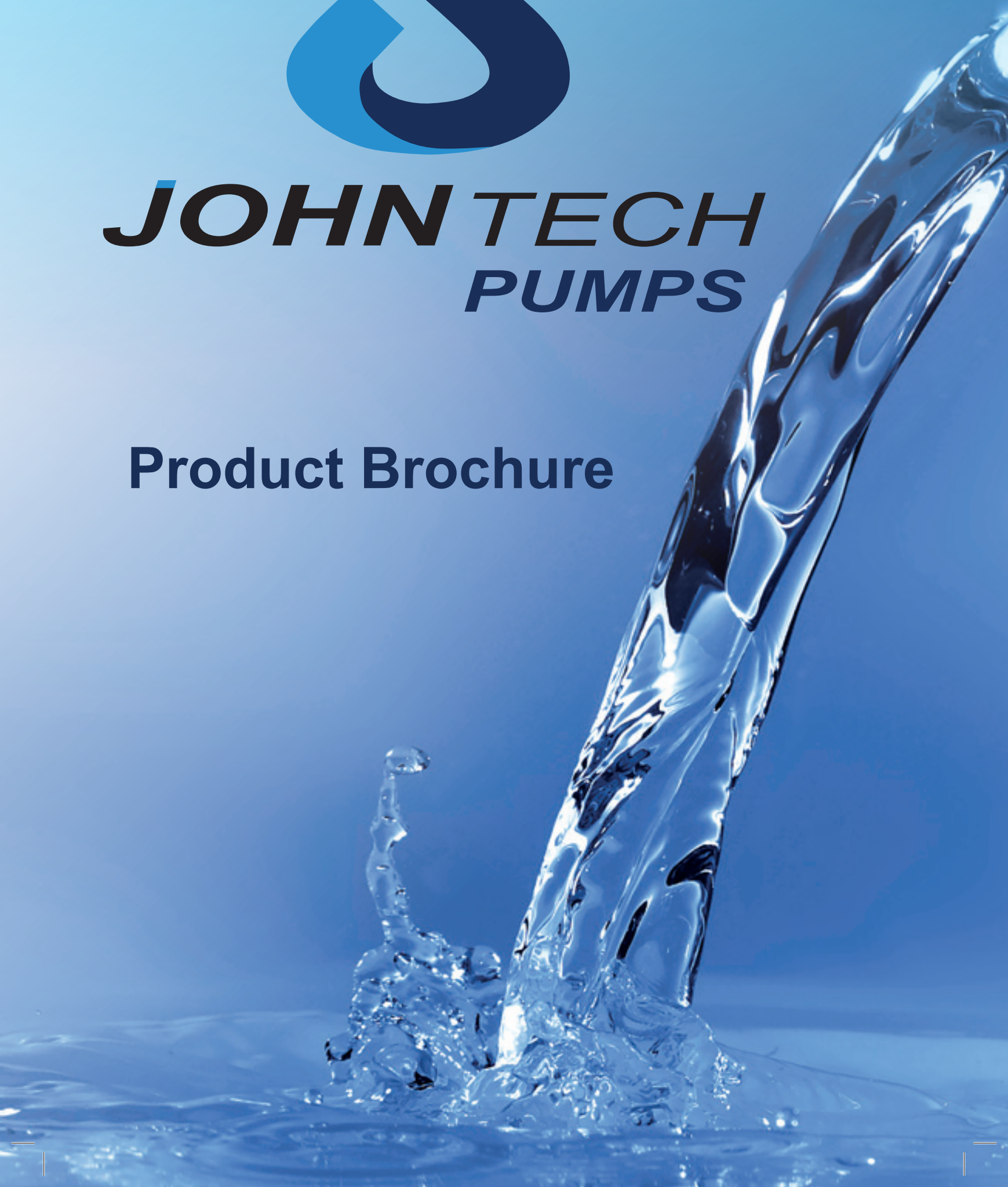




JOHN TECH ***PUMPS***

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 TESK 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.

Content

Surface Pumps

CPM Centrifugal pumps	4
CPW Centrifugal pumps	5
DK Centrifugal pumps	6
CM2 Twin Impeller pumps	7
SCM Twin Impeller pumps	8
Flow Controllers	9
PS Domestic Drainage pumps	10
V Waste water pumps	11

Pump Packs/Sets

3" + 4" Pump Packs	12
3" + 4" Pump Sets	13
4" SD Range	14-22
Weights and dimensions	23

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

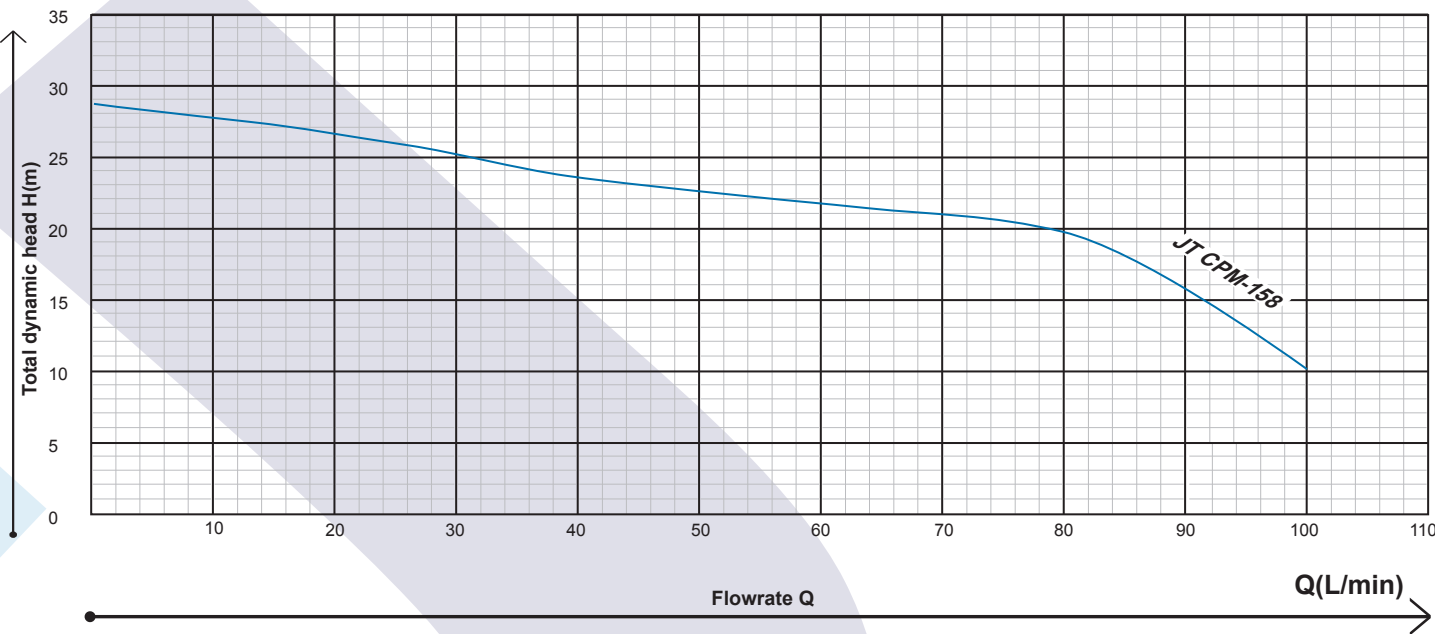


CPM Series pump



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 CPM158	1	0.75	1"/1"	9	100	30	H(m)	30	28	25	20	14	12	8	2		14

CPW

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

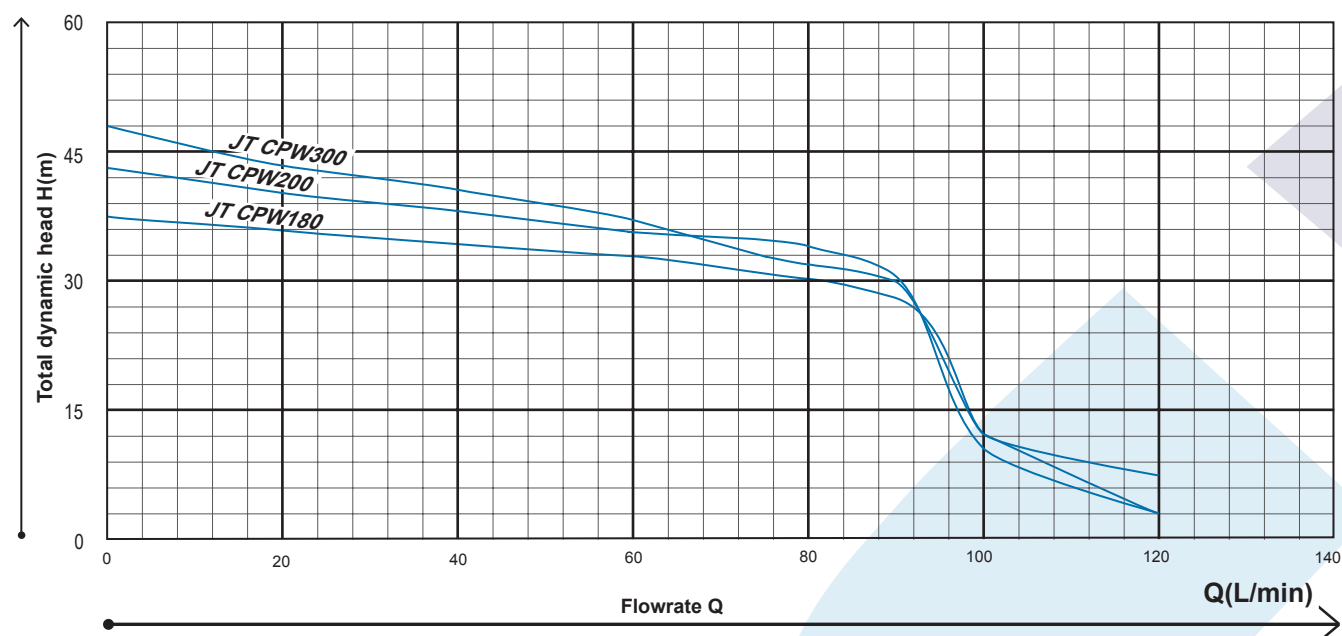


CPW Series pump



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	120	Weight Kg
JT CPW180	1.5	1.1	1"/1.25"/1"	9	105	37	H(m)	37	36	34	32	31	30	28	12	3	19
JT CPW200	2	1.5	1"/1.25"/1"	9	120	43	H(m)	43	40	38	36	35	34	31	11	3	20
JT CPW300	3	2.2	1"/1"	9	140	48	H(m)	48	43	40	37	32	31	30	12	8	20

Centrifugal Pumps

Operating Conditions

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

Pump

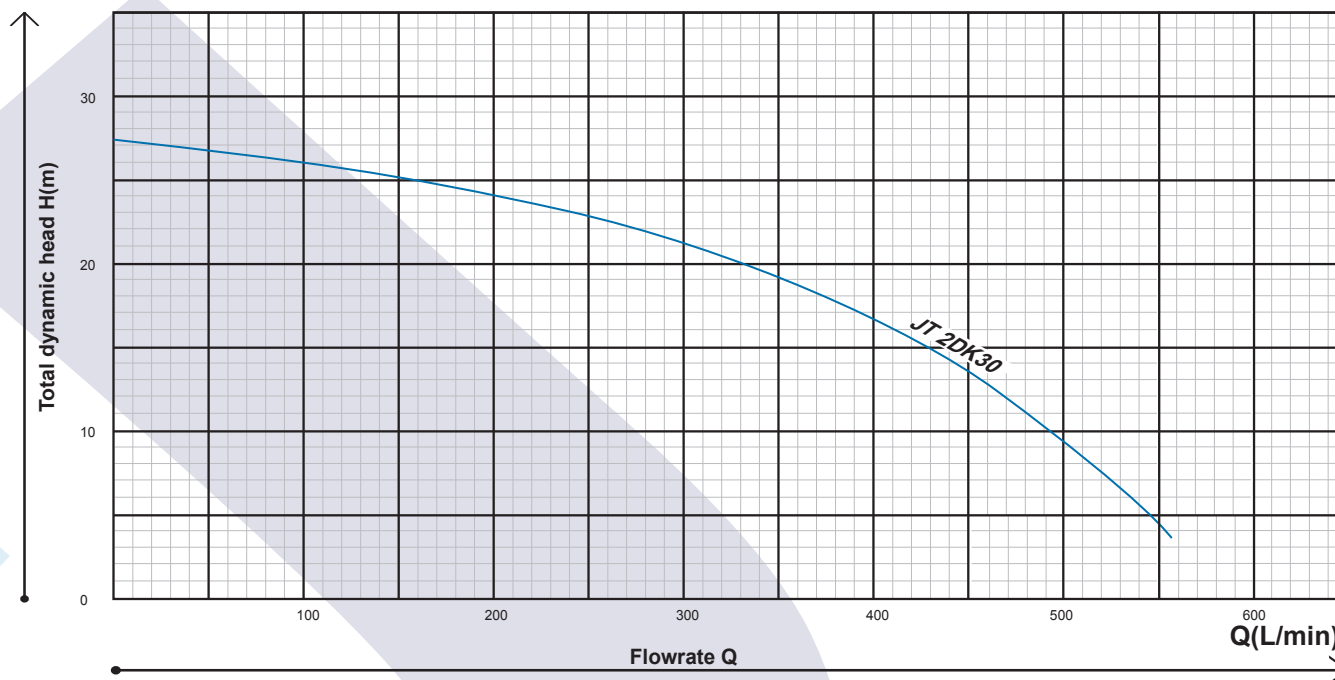
- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Ceramic Steatite/
Metalized Carbon

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

CM2

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

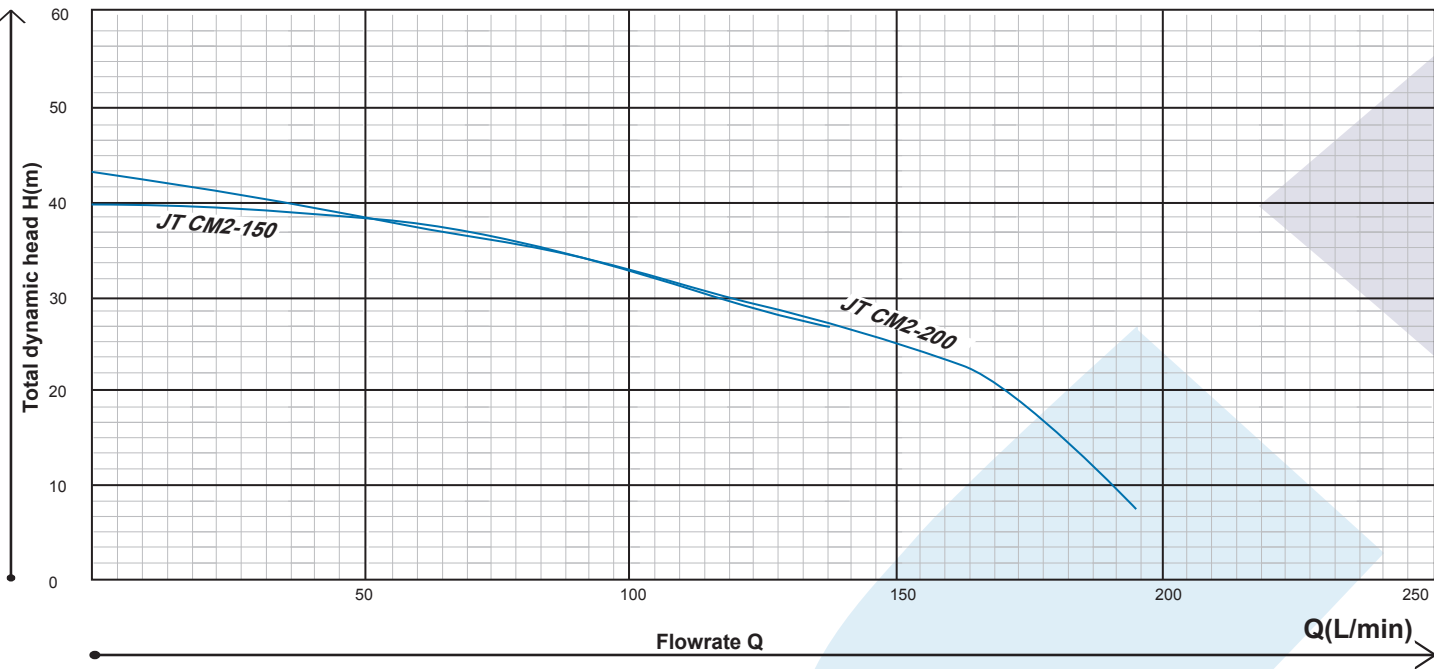
Motor

- 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 CM2-150	3	1.5	1.25"/1"	9	140	40	H(m)	40	39	37	36	35	33	31	30	28		435x235x285
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

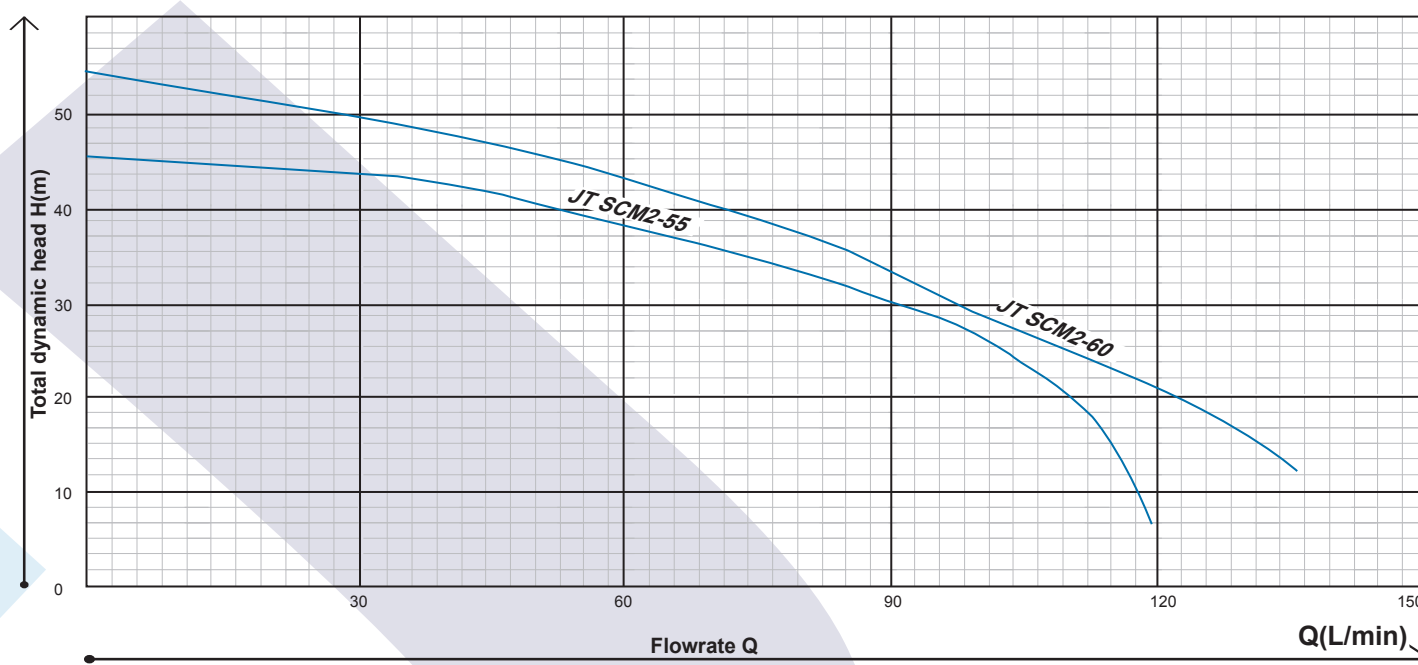
Motor

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



SCM 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	Weight Kg
JT SCM2-55	2.0	1.5	1.25"/1"	9	120	46		46	44	41	36	29	19.5	13	6		9
JT SCM2-60	3.0	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

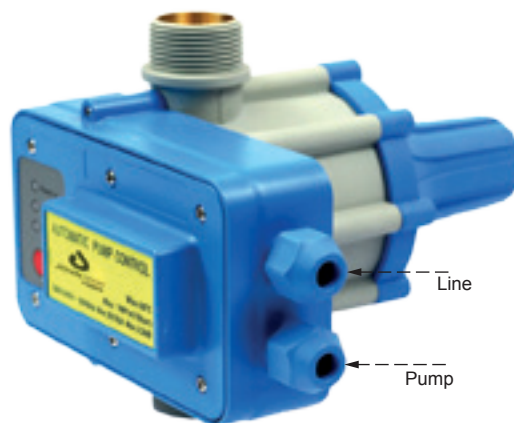
Automatic Pump Control PS01

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^o
Protection Degree: IP65
Connection: 1" Male
Starting pressure: 1.5 - 3 Bar adjustable
Maximum pressure: 10 Bar



Domestic Drainage Pumps

Operating Conditions

- Max submersion depth = 7m
- Max particle size = 30mm
- Pipe outlet dia. = 25mm / 1"
- NOT FOR CONTINUOUS DUTY

Pump

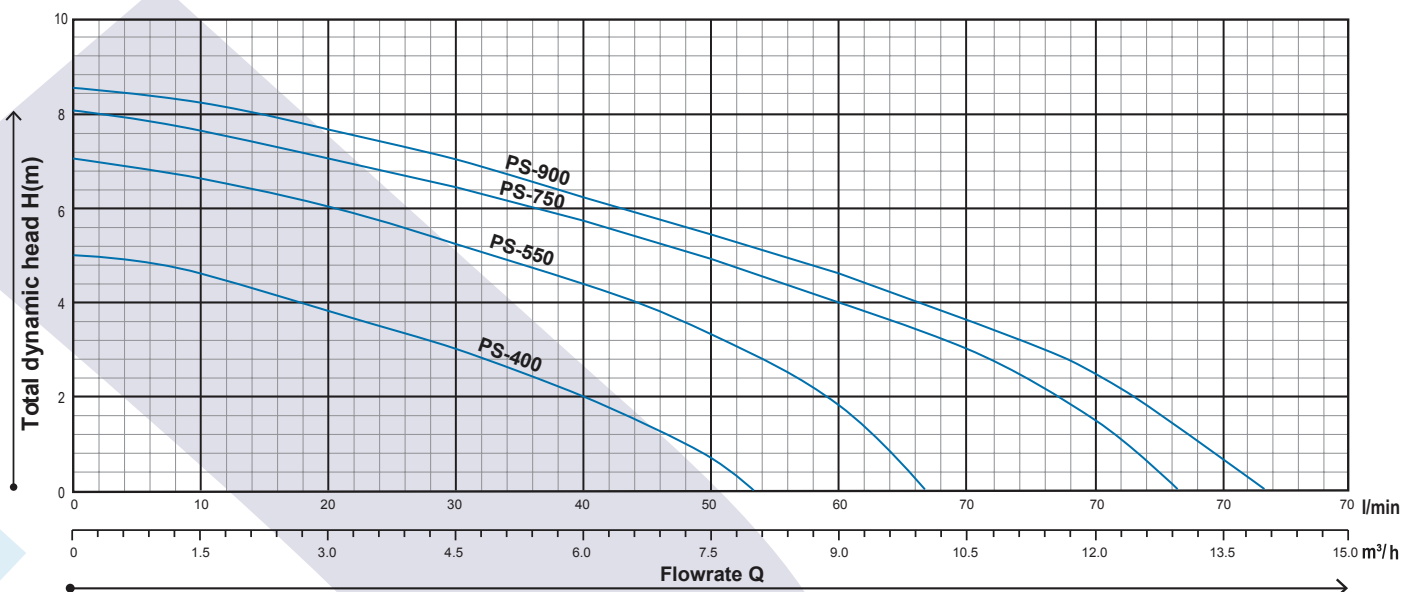
- Max. immersion depth: 7 m
- Max. liquid temperature: 40 °C
- Liquid pH value: 4-10
- Max. Particle size: 30mm

Motor

- Copper winding
- Insulation Class: B
- Protection Class: IPX8



Performance Chart at 2850rpm



Technical Data (220-240/50Hz)

Model	PS-400	PS-550	PS-750	PS-900
Nominal output	0.4kW	0.55 kW	0.75kW	0.9 kW
Protection type	IPX8	IPX8	IPX8	IPX8
Max. supply height	5 m	7 m	8 m	8.5 m
Max. conveying amount	8000 l/h	10000 l/h	13000 l/h	14000 l/h
Max. submersion depth	7 m	7 m	7 m	7 m
Max. Grain size	30 mm	30 mm	30 mm	30 mm

V RANGE

Waste Water Pumps

Application

- Waste water drainage in factories, construction sites and commercial facilities.
- Drainage stations in quarters.
- Residential / Municipal projects.
- Methane pools and field irrigation in rural areas.

Pump

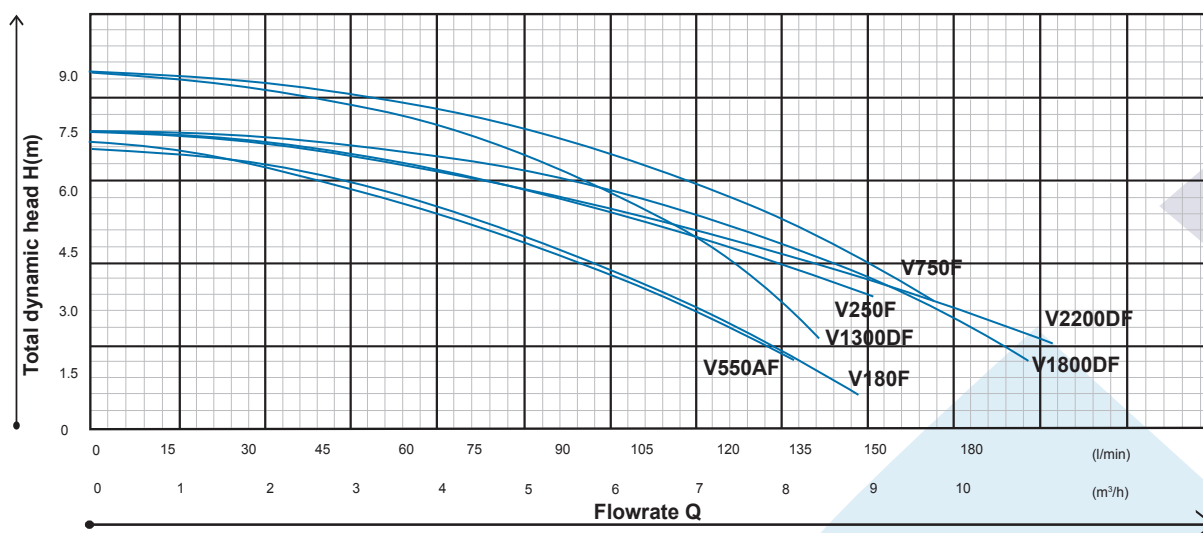
- Max. immersion depth: 5 m
- Max. liquid temperature: 40 °C
- Liquid pH value: 4-10
- Max. liquids density 1.2 x 10kg/m

Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation Class: B
- Protection Class: IPX8



Performance Chart at 2850rpm



Performance Table

Model	Power (kW)	Outlet Diameter (mm)	(V/Hz)	Max Flow (l/min)	Max Head (M)	G.W. (kg)
V180F	0.18	32, 40	220/50	133	7	9.0
V250F	0.25	32, 40	220/50	150	7,5	9.5
V550AF	0.55	50	220/50	260	9.5	14
V750F	0.75	50	220/50	300	12	21
V1300DF	1.3	50	220/50	300	12	25.5
V1800DF	1.8	75	220/50	400	10	32.5
V2200DF	2.2	75	220/50	520	10	31.5

3" & 4" Pump Packs

Application

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

Motor and Pump

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

Operating Conditions

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

Material

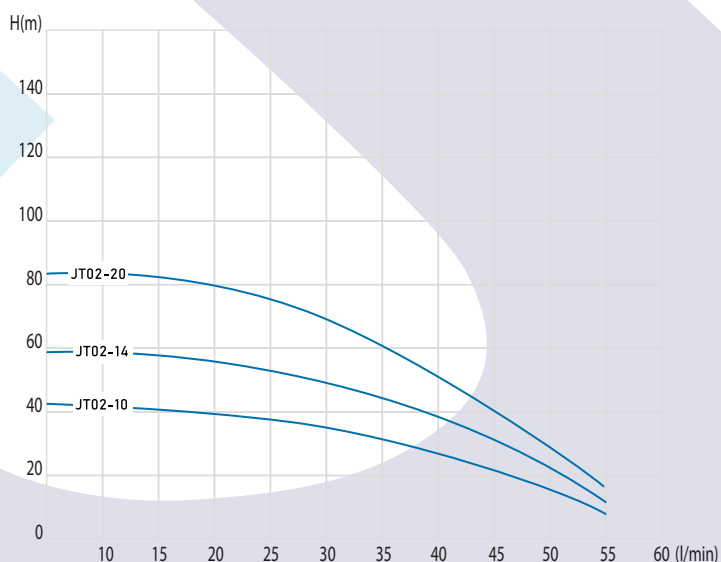
- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

Included in the pack:

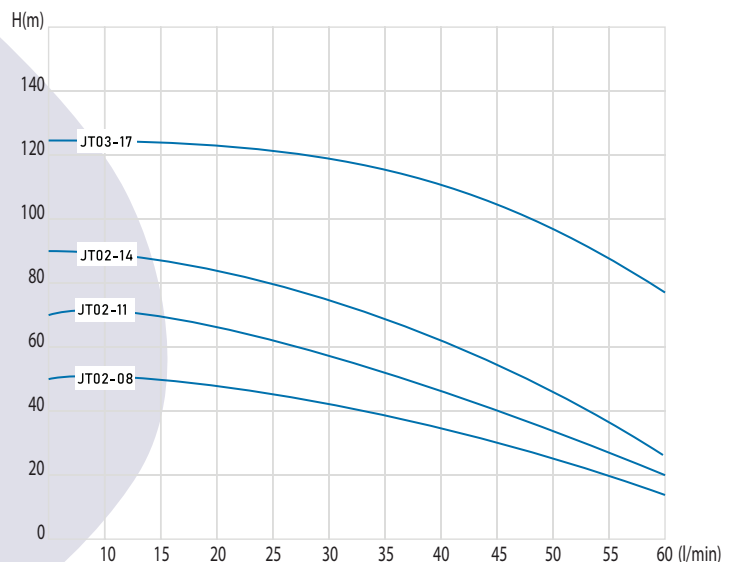
Pump, Oil Filled Motor, Control Box, 1 x Base plate, 3 x Compression Fittings, Rope, Submersible cable



3" Performance Curves



4" Performance Curves



3" & 4" Pump Sets

Application

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

Motor and Pump

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

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

Included in the set:

Pump, Oil Filled Motor, Control Box, Submersible cable



3" Sets

	<u>Pump</u>	<u>Cable</u>	<u>Power Range</u>
3" Set 1	3SGM2-10	40m	0.25kW
3" Set 2	3SGM2-14	50m	0.37kW
3" Set 3	3SGM2-20	60m	0.55kW
3" Set 4	3SGM2-27	70m	0.75kW

4" Sets

	<u>Pump</u>	<u>Cable</u>	<u>Power Range</u>
4" Set 1	4SGM2-8	50m	0.37kW
4" Set 2	4SGM2-10	60m	0.55kW
4" Set 3	4SGM2-14	70m	0.75kW
4" Set 4	4SGM3-17	80m	1.1kW

4SD Range

Deep Well Submersible Pumps

Operating Conditions

- Maximum ambient temperature < 40°C
- Sand content (mass fraction) up to 0.01%
- Submersible Depth: 70m below static water table

Motor

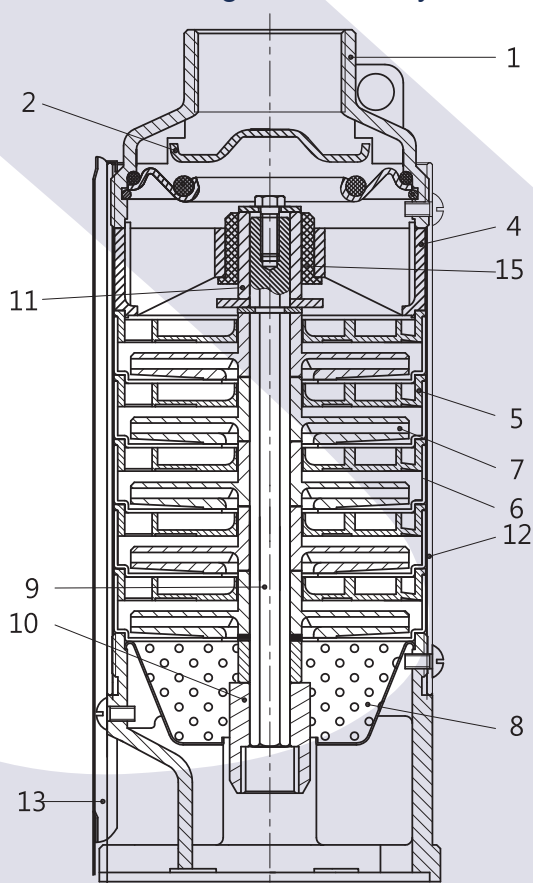
- Flange 4"NEMA standard
- Oil-filled motor, stable & reliable running with pressure regulating membrane
- Installation in 4" or larger boreholes

Pump Range

- Max flow: 12m³/h
- Max head: 454m

Applications

- Groundwater pumping
- Residential water
- Wells pumping
- Municipal / Industrial water
- Water villa
- Water supply system
- Municipal water supply
- The system pressure
- Pipeline pressurization
- Spray irrigation system
- The air conditioning system
- Fire protection system
- Cooling circulation system

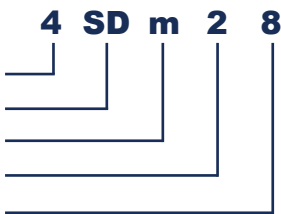


SD Series Material

No.	Component	Material
1	Discharge chamber	Brass/Cating/Stainless steel
2	Check valve	PC
4	Top diffuser	PC
5	Diffuser	PC
6	Guide vanes	PC
7	Impeller	POM
8	Strainer	Stainless steel
9	Pumpshaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
15	Bearing	Polyurethane

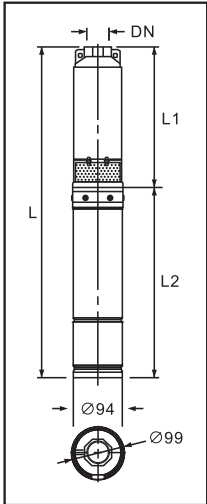
Model Specification

4 inch
Plastic impeller
1 Phase
Rated flow(m³/h)
Pump Stage



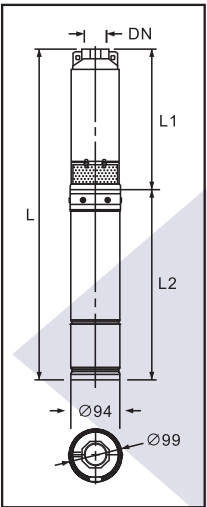
4SD2 Installation Dimensions and Weight

Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.37	0.5	402	324	726	1.25"	3	9
0.55	0.75	478	344	822		3.2	9.8
0.75	1	554	369	923		3.6	11
0.75	1	605	369	974		4	11
1.1	1.5	712	404	1116		4.6	13
1.1	1.5	819	404	1223		5.2	13
1.5	2	895	449	1344		5.8	15
1.5	2	971	449	1420		6.4	15
2.2	3	1128	539	1667		7.4	17
2.2	3	1255	539	1794		8.6	17
3	4	1470	557	2027		9.8	17.6
3	4	1621	557	2178		11	17.6
4	5.5	1780	637	2417		12.2	20.7
4	5.5	1988	637	2625		14	20.7



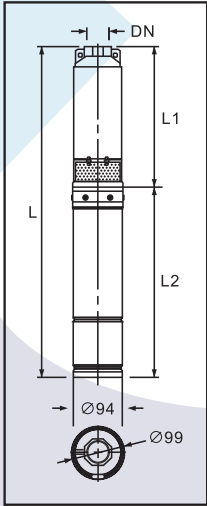
4SD3 Installation Dimensions and Weight

Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.37	0.5	386	324	710	1.25"	3.2	9
0.55	0.75	440	344	784		3.6	9.8
0.75	1	492	369	861		4.1	11
0.75	1	546	369	915		4.5	11
1.1	1.5	631	404	1035		4.9	13
1.1	1.5	684	404	1088		5.3	13
1.5	2	738	449	1187		6	15
1.5	2	823	449	1272		6.5	15
2.2	3	956	539	1495		7.8	17
2.2	3	1063	539	1602		8.6	17
3	4	1228	557	1785		9.8	17.6
3	4	1362	557	1919		11	17.6
4	5.5	1527	637	2164		12.3	20.7
4	5.5	1660	637	2297		13.5	20.7
5.5	7.5	1825	712	2537		14.7	25.7
5.5	7.5	1958	847	2805		16	32.3



4SD4 Installation Dimensions and Weight

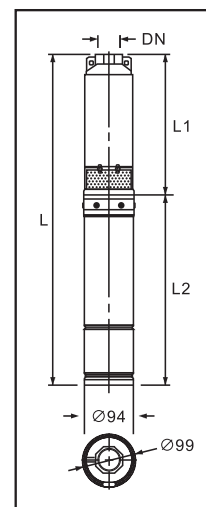
Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.37	0.5	374	324	698	1.25"	3.2	9
0.55	0.75	403	344	747		3.5	9.8
0.75	1	432	369	801		3.8	11
0.75	1	490	369	859		4.4	11
1.1	1.5	548	404	952		5	13
1.1	1.5	638	404	1042		5.5	13
1.5	2	696	449	1145		6.1	15
1.5	2	754	449	1203		6.6	15
2.2	3	873	539	1412		7.4	17
2.2	3	961	539	1500		8.2	17
3	4	1105	557	1662		9.2	17.6
3	4	1253	557	1810		10.4	17.6
4	5.5	1369	637	2006		11.5	20.7
4	5.5	1517	637	2154		12.6	20.7
5.5	7.5	1662	712	2374		14	25.7
5.5	7.5	1839	712	2551		15.5	25.7
7.5	10	1985	847	2832		16.8	32.3
7.5	10	2165	847	3009		18.3	32.3



4SD6

Installation Dimensions and Weight

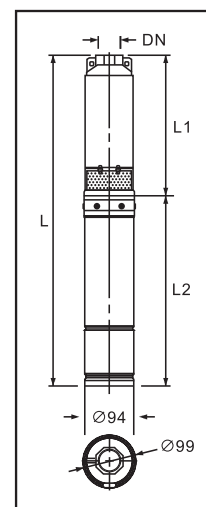
Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.37	0.5	354	324	678	1.5"	3.2	9
0.55	0.75	385	344	729		3.5	9.8
0.75	1	415	369	784		3.8	11
0.75	1	446	369	815		4.2	11
1.1	1.5	477	404	881		4.5	13
1.1	1.5	538	404	942		5.2	13
1.5	2	569	449	1018		5.6	15
1.5	2	663	449	1112		6.4	15
2.2	3	755	539	1294		7.6	17
2.2	3	847	539	1386		8.8	17
3	4	1005	557	1562		10	17.6
3	4	1097	557	1654		11.2	17.6
4	5.5	1220	637	1857		12.8	20.7
4	5.5	1375	637	2012		14.4	20.7
5.5	7.5	1531	712	2243		16.2	25.7
5.5	7.5	1654	712	2366		17.8	25.7
7.5	10	1809	847	2656		18.6	32.3
7.5	10	1932	847	2779		21	32.3



4SD8

Installation Dimensions and Weight

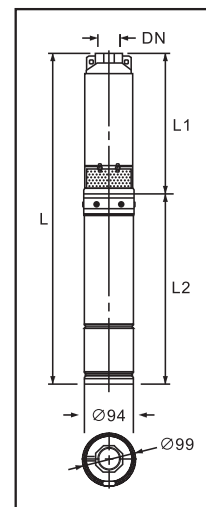
Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.55	0.75	390	344	734	2"	3.5	9.8
0.75	1	429	369	798		3.8	11
0.75	1	467	369	836		4.1	11
1.1	1.5	505	404	909		4.4	13
1.1	1.5	543	404	947		4.7	13
1.5	2	581	449	1030		5	15
1.5	2	657	449	1106		5.6	15
2.2	3	804	539	1343		6.4	17
2.2	3	919	539	1458		7.3	17
3	4	1099	557	1656		8.2	17.6
3	4	1213	557	1770		9.1	17.6
4	5.5	1327	637	1964		10	20.7
4	5.5	1441	637	2078		11	20.7
5.5	7.5	1626	712	2338		12.3	25.7
5.5	7.5	1811	712	2523		13.5	25.7
7.5	10	1964	847	2811		14.8	32.3
7.5	10	2149	847	2996		16	32.3



4SD10

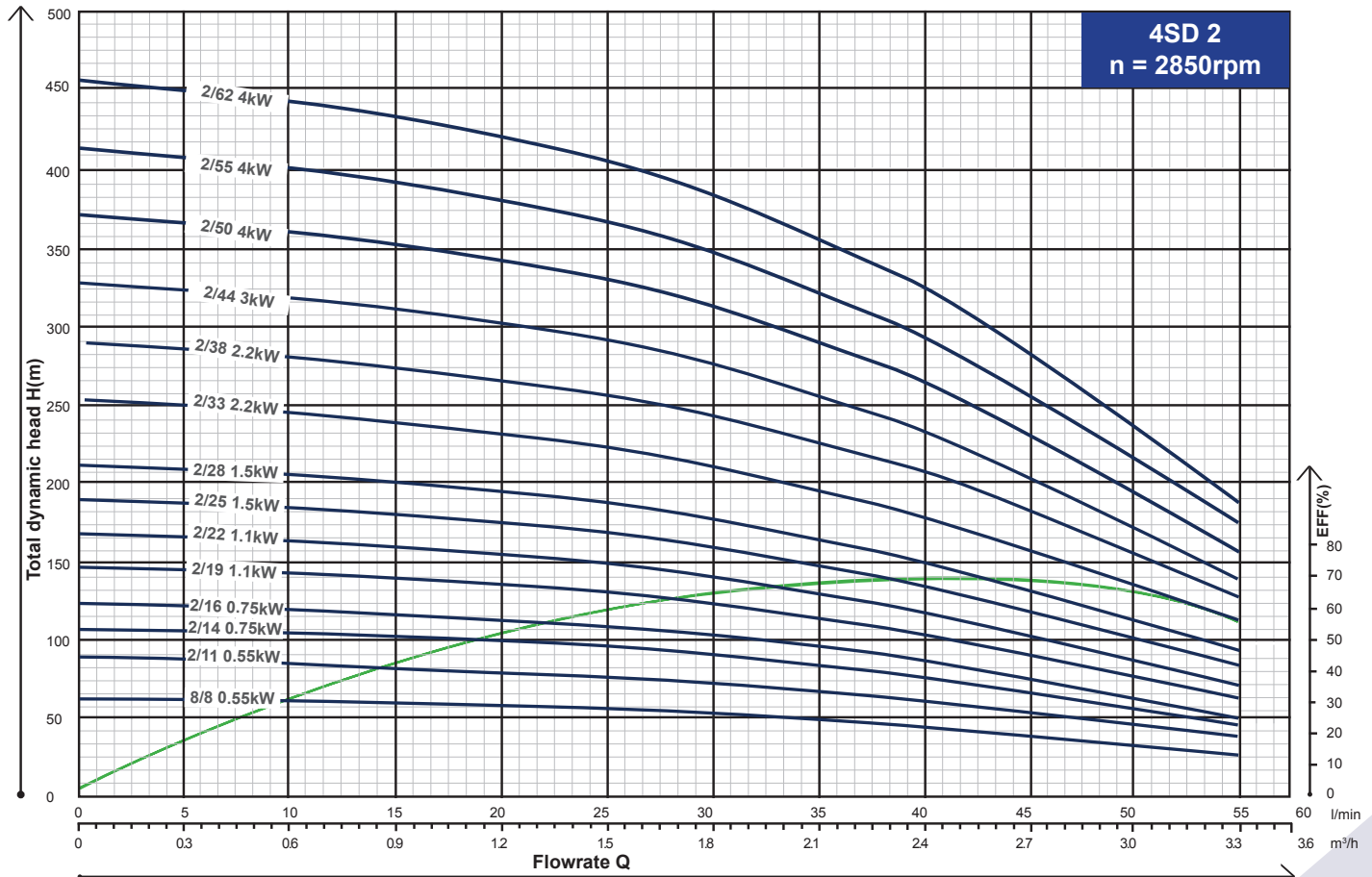
Installation Dimensions and Weight

Power		Dimension				Weight(kg)	
kW	HP	L1(mm)	L2(mm)	L(mm)	DN(inch)	Pump	Motor
0.75	1	354	369	723	2"	3.2	11
0.75	1	391	369	760		3.5	11
1.1	1.5	429	404	833		3.8	13
1.1	1.5	467	404	871		4.1	13
1.5	2	505	449	954		4.4	15
1.5	2	581	449	1030		5	15
2.2	3	657	539	1196		5.6	17
2.2	3	766	539	1305		6.2	17
3	4	876	557	1433		6.8	17.6
3	4	952	557	1509		7.4	17.6
4	5.5	1060	637	1697		8	20.7
4	5.5	1137	637	1774		8.6	20.7
5.5	7.5	1251	712	1963		9.5	25.7
5.5	7.5	1398	712	2110		10.4	25.7
7.5	10	1512	847	2359		12	32.3
7.5	10	1659	847	2506		12.9	32.3



4SD 2 Range

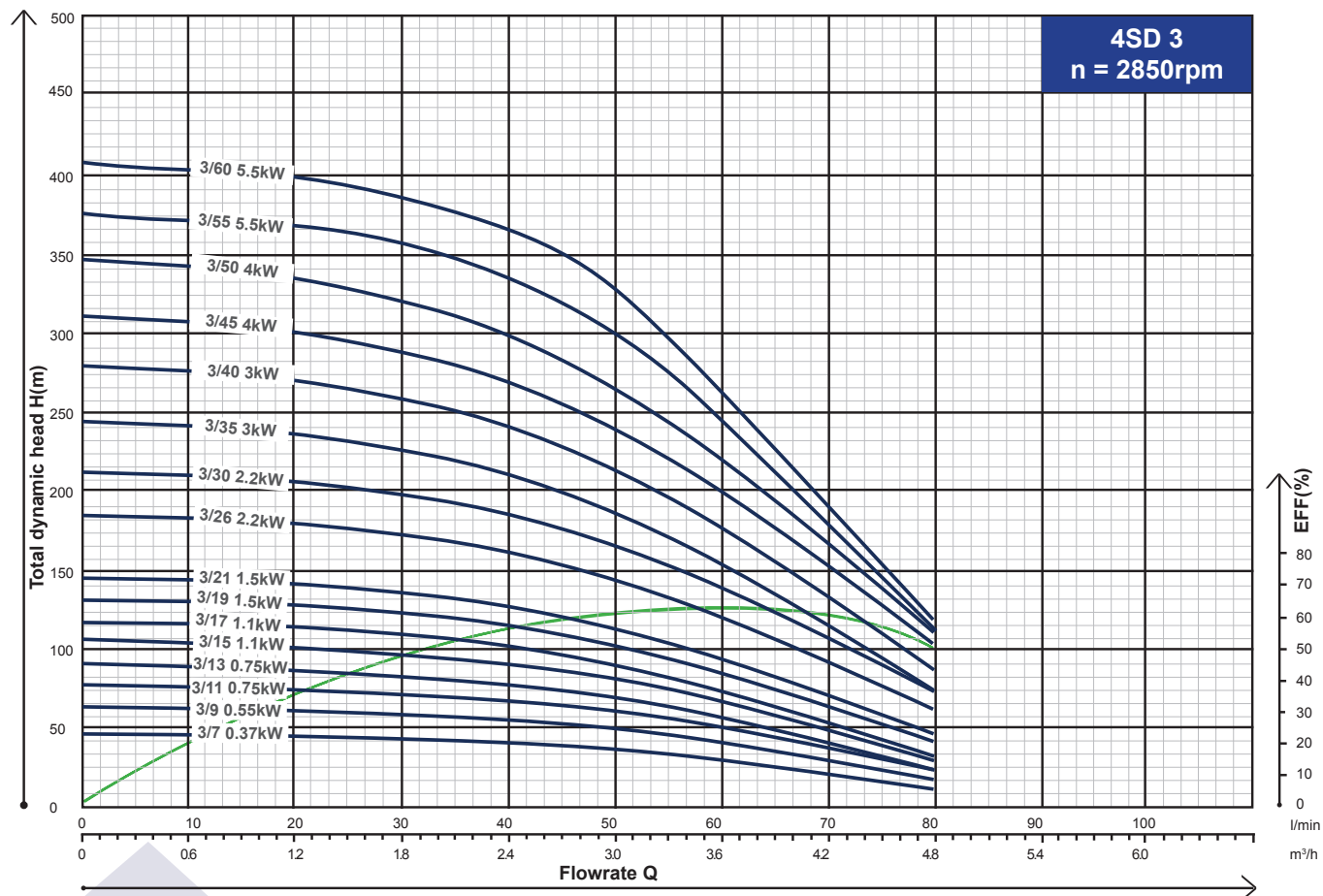
Performance Curves



MODEL	POWER		OUTLET SIZE (DN)	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
	kW	HP			l/min	0	5	10	15	20	25	30	35	40	45	50
4SD 2/8	0.37	0.5	1¼" 32mm	HEAD (M)	58	56	55	54	52	50	46	43	38	34	27	21
4SD 2/11	0.55	0.75			82	80	79	77	74	71	67	62	56	49	41	32
4SD 2/14	0.75	1			102	100	99	97	93	89	84	82	70	62	51	41
4SD 2/16	0.75	1			117	114	113	111	106	102	96	94	80	71	58	47
4SD 2/19	1.1	1.5			140	137	135	133	127	122	115	107	98	86	71	57
4SD 2/22	1.1	1.5			162	159	156	154	147	141	133	124	113	100	82	66
4SD 2/25	1.5	2			184	180	178	174	169	162	152	142	128	114	96	78
4SD 2/28	1.5	2			206	202	199	195	189	181	170	159	143	128	108	87
4SD 2/33	2.2	3			246	241	238	233	226	216	204	191	174	153	130	106
4SD 2/38	2.2	3			283	278	274	268	260	249	235	220	200	176	150	122
4SD 2/44	3	4			320	317	311	304	295	284	269	250	225	198	165	132
4SD 2/50	3	4			364	360	353	345	335	323	306	284	256	225	188	150
4SD 2/55	4	5.5			410	403	396	386	376	361	342	318	289	252	206	165
4SD 2/62	4	5.5			454	446	438	427	416	400	379	352	320	279	228	183

4SD 3 Range

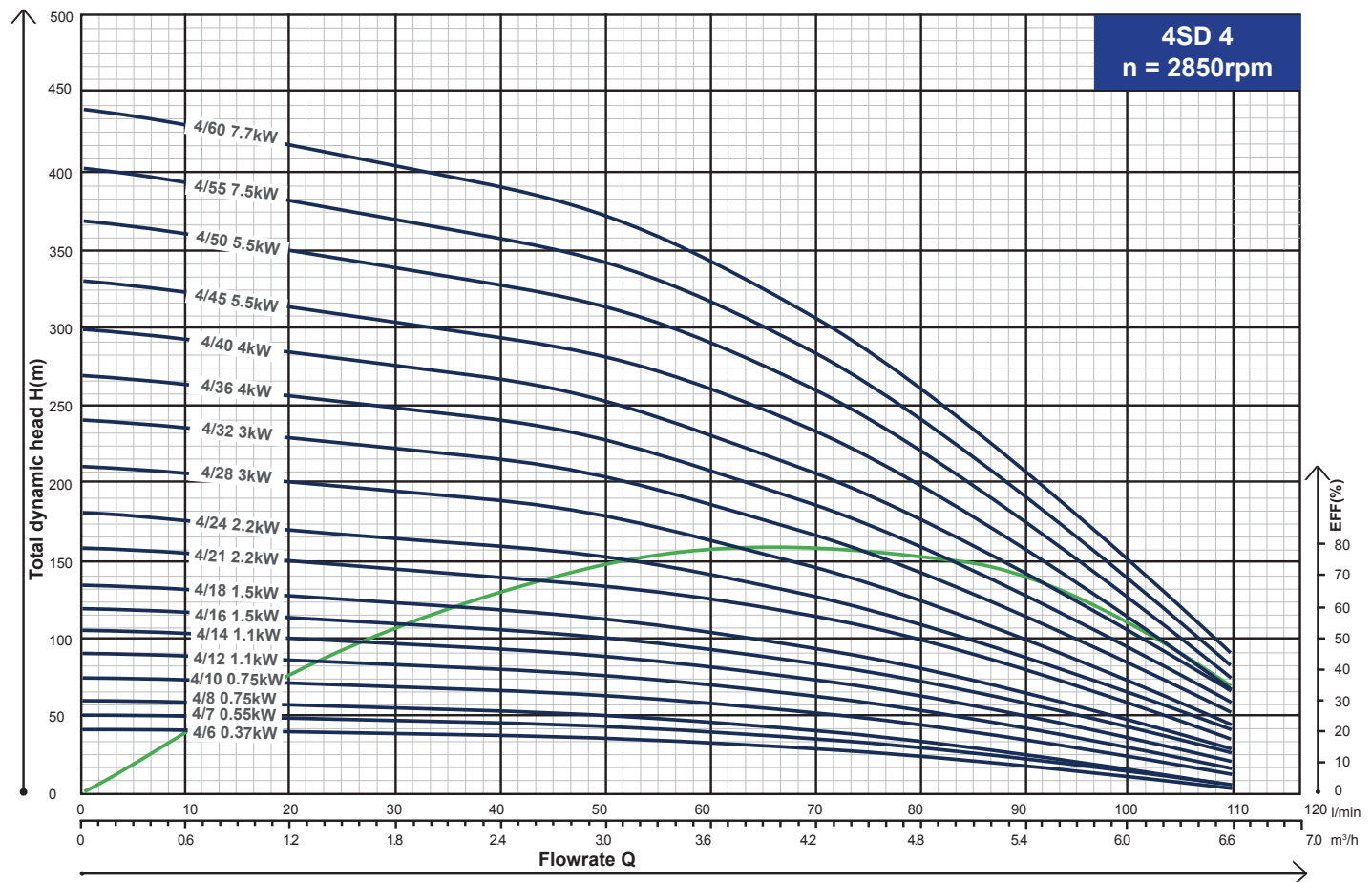
Performance Curves



MODEL	POWER		OUTLET SIZE (DN)	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
	kW	HP			0	10	20	30	40	50	60	70	80
4SD 3/7	0.37	0.5	1 1/4" 32mm	HEAD (M)	49	48	47	44	40	35	28	23	12
4SD 3/9	0.55	0.75			65	64	63	60	55	48	40	30	19
4SD 3/11	0.75	1			81	79	78	75	68	60	49	37	24
4SD 3/13	0.75	1.5			69	39	2	89	80	71	58	44	28
4SD 3/15	1.1	1.5			110	108	106	102	96	84	68	49	28
4SD 3/17	1.1	1.5			125	122	120	116	109	95	77	56	32
4SD 3/19	1.5	2			140	138	136	130	120	106	87	66	43
4SD 3/21	1.5	2			155	153	150	144	133	117	96	73	48
4SD 3/26	2.2	3			195	193	190	182	168	150	124	96	65
4SD 3/30	2.2	3			225	223	219	210	194	173	143	111	75
4SD 3/35	3	4			260	258	253	243	224	198	163	124	78
4SD 3/40	3	4			297	295	289	278	256	226	186	142	89
4SD 3/45	4	5.5			332	330	324	310	288	256	208	162	107
4SD 3/50	4	5.5			369	367	360	344	320	284	231	180	114
4SD 3/55	5.5	7.5			400	398	393	380	355	323	250	187	115
4SD 3/60	7.5	7.5			436	434	429	415	387	352	273	207	125

4SD 4 Range

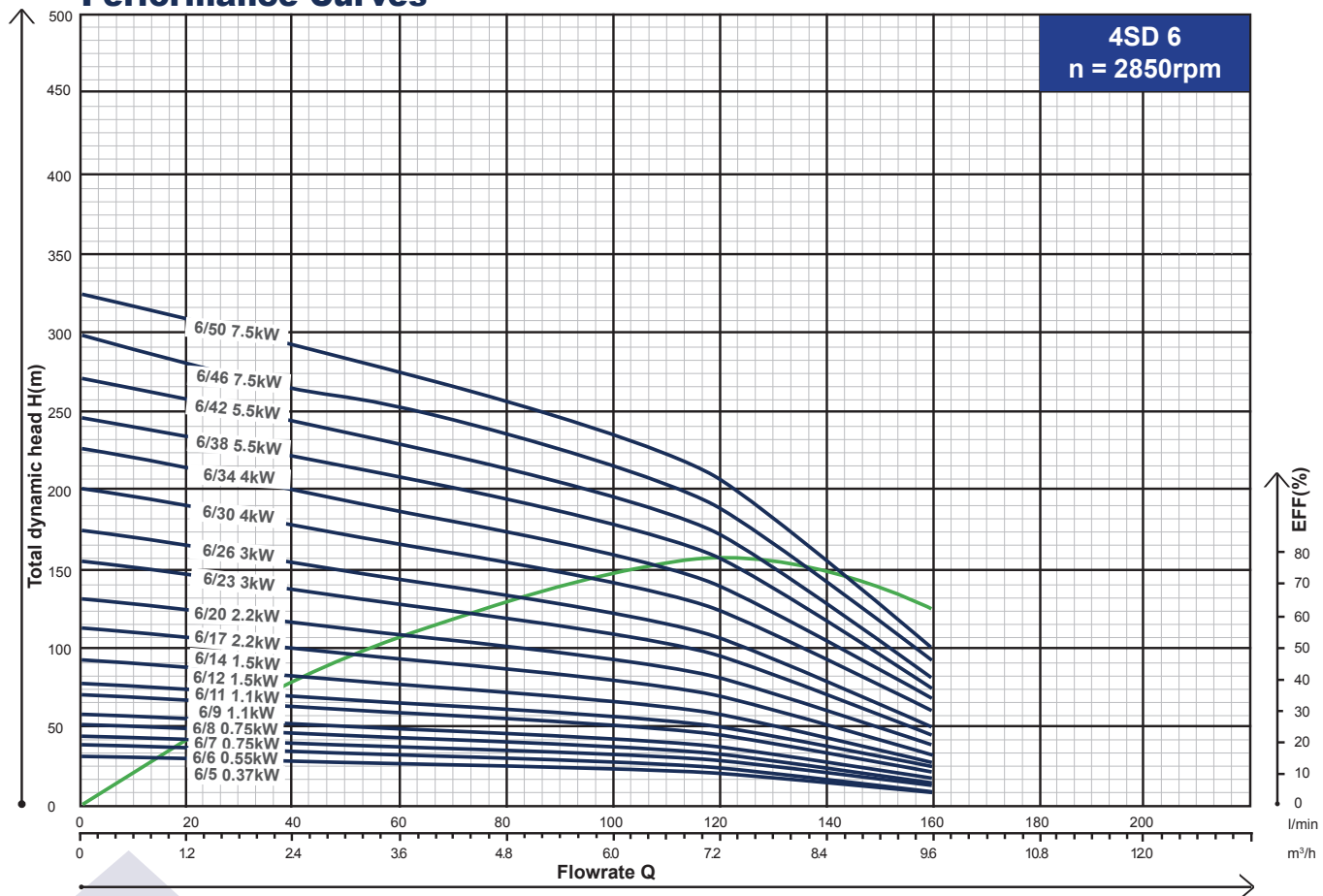
Performance Curves



MODEL	POWER		OUTLET SIZE (DN)	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
	kW	HP			l/min	0	10	20	30	40	50	60	70	80	90
4SD 4/6	0.37	0.5	1½" 32mm	HEAD (M)	42	40	39	37	35	32	29	24	19	12	4
4SD 4/7	0.55	0.75			50	48	47	46	44	40	36	31	25	18	9
4SD 4/8	0.75	1			59	57	55	53	51	47	43	37	29	21	11
4SD 4/10	0.75	1			74	71	69	66	64	59	54	46	36	26	14
4SD 4/12	1.1	1.5			89	85	83	81	77	72	65	56	45	33	18
4SD 4/14	1.1	1.5			104	99	97	95	90	84	76	65	53	39	21
4SD 4/16	1.5	2			118	113	110	107	102	95	86	75	60	45	26
4SD 4/18	1.5	2			133	127	124	120	115	107	97	84	68	51	29
4SD 4/21	2.2	3			156	150	146	142	136	127	116	101	82	62	35
4SD 4/24	2.2	3			178	171	167	162	155	145	133	115	94	71	40
4SD 4/28	3	4			209	203	196	190	182	170	152	130	106	77	45
4SD 4/32	3	4			239	232	224	217	208	194	174	147	121	88	51
4SD 4/36	4	5.5			267	257	250	243	232	216	194	167	136	98	57
4SD 4/40	4	5.5			297	286	278	270	258	240	216	186	151	109	63
4SD 4/45	5.5	7.5			328	317	308	297	286	269	242	207	165	118	67
4SD 4/50	5.5	7.5			364	352	342	330	318	299	269	230	183	131	74
4SD 4/55	7.5	10			401	388	375	363	349	328	296	250	202	145	82
4SD 4/60	7.5	10			437	423	409	396	381	356	323	273	220	158	89

4SD 6 Range

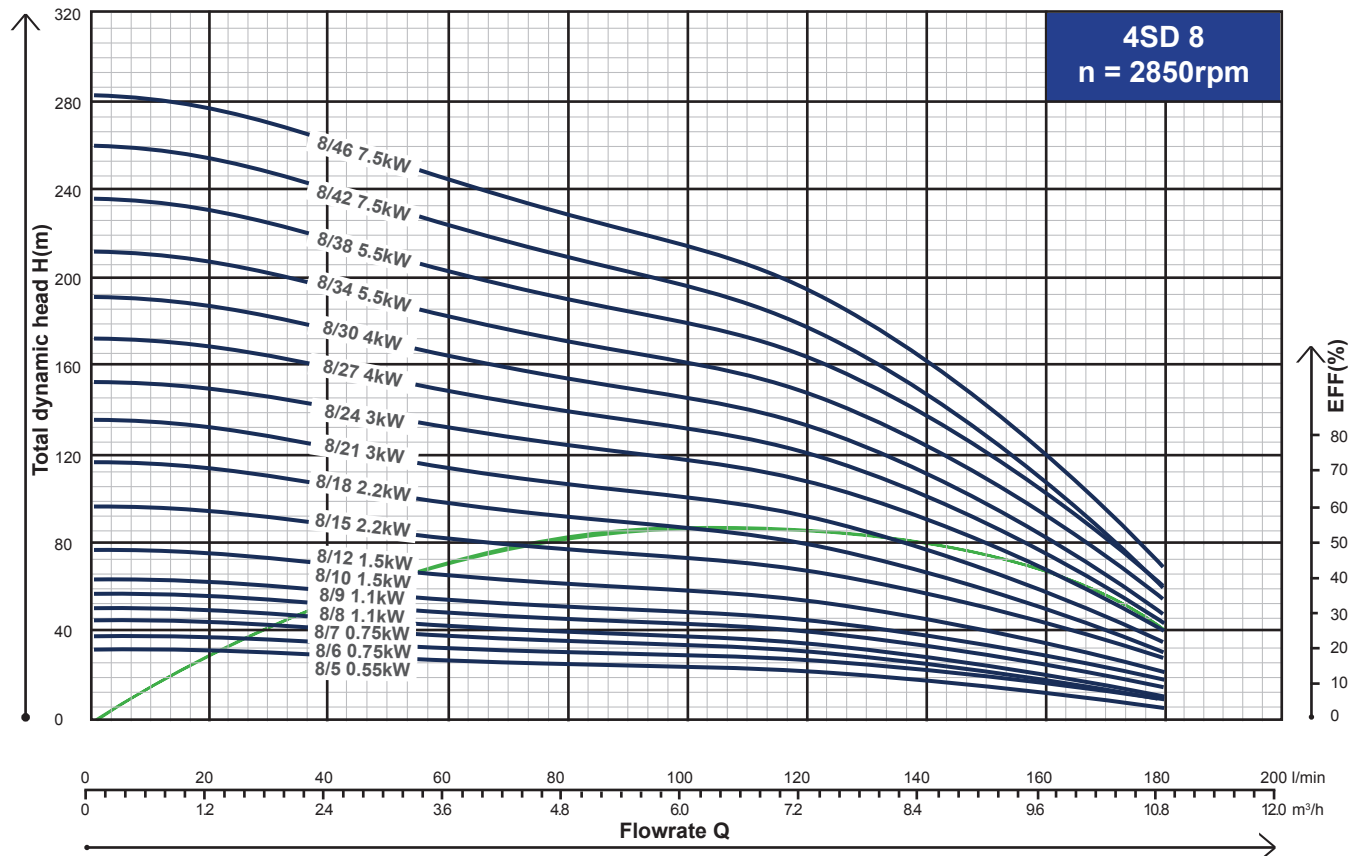
Performance Curves



MODEL	POWER		OUTLET SIZE (DN)	m³/h	HEAD (M)							
	kW	HP			0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
4SD 6/5	0.37	0.5	1½" 40mm	m³/h l/min	33	31	29	27	24	22	16	10
4SD 6/6	0.55	0.75			39	36	34	32	29	26	19	12
4SD 6/7	0.75	1			46	42	39	37	34	30	23	14
4SD 6/8	0.75	1			53	48	45	43	39	35	26	16
4SD 6/9	1.1	1.5			59	55	51	48	44	39	29	18
4SD 6/11	1.1	1.5			72	67	61	59	54	48	35	22
4SD 6/12	1.5	2			79	74	67	64	59	52	39	24
4SD 6/14	1.5	2			92	86	78	75	68	61	45	28
4SD 6/17	2.2	3			113	106	98	91	83	74	55	34
4SD 6/20	2.2	3			133	125	113	107	98	87	64	40
4SD 6/23	3	4			154	142	132	123	112	100	74	46
4SD 6/26	3	4			174	161	150	139	127	113	84	52
4SD 6/30	4	5.5			201	185	172	160	147	130	97	60
4SD 6/34	4	5.5			228	210	192	181	166	147	110	68
4SD 6/38	5.5	7.5			247	229	220	203	186	165	122	76
4SD 6/42	5.5	7.5			273	253	238	224	205	182	135	84
4SD 6/46	7.5	10			299	280	260	245	225	199	148	92
4SD 6/50	7.5	10			325	303	284	267	244	217	161	100

4SD 8 Range

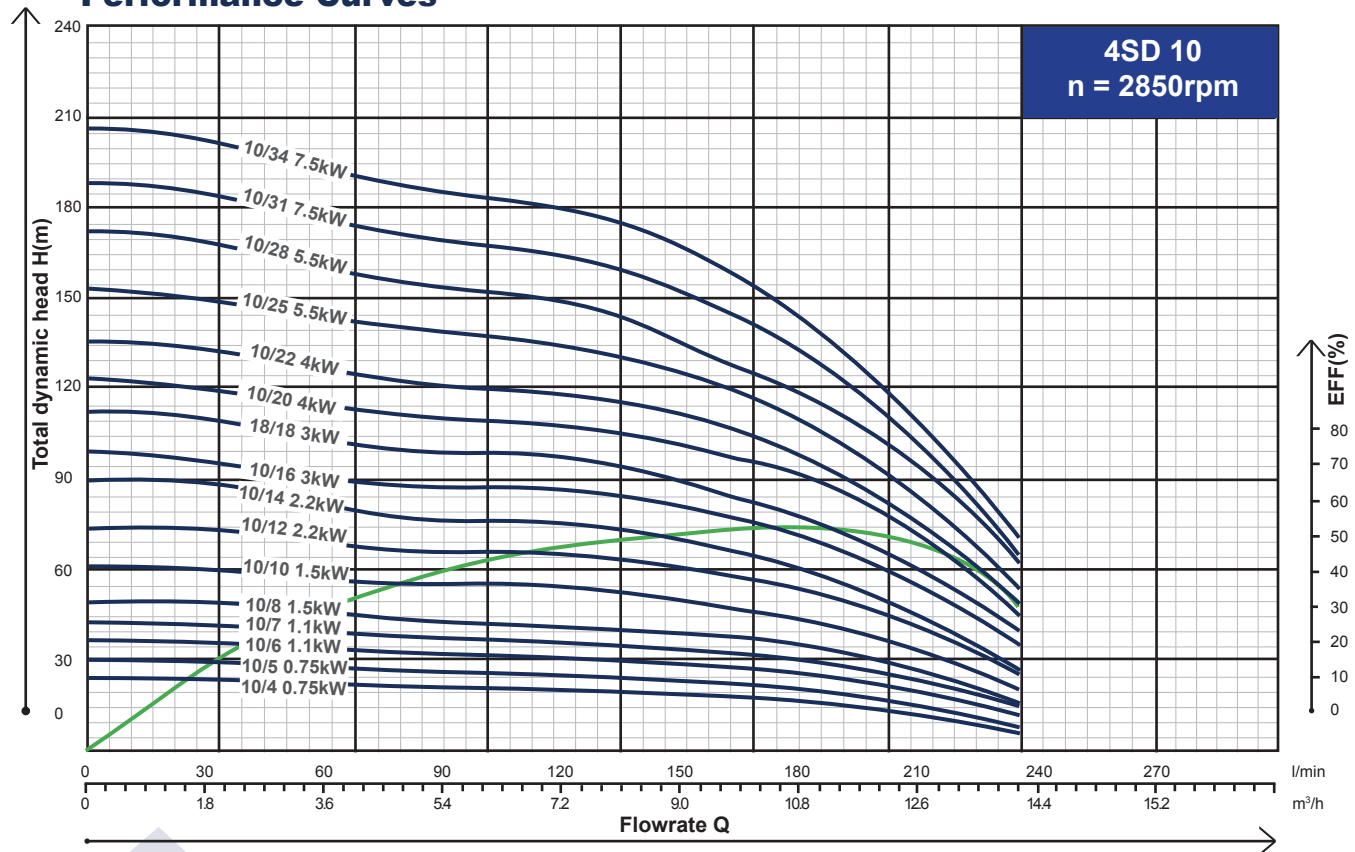
Performance Curves



Model	Power		Outlet Size (DN)	m³/h										
	kW	HP			0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
				l/min	0	20	40	60	80	100	120	140	160	180
4SD 8/5	0.55	0.75	1.5" 40mm	Head (M)	32	31	28	26	25	23	21	17	13	7
4SD 8/6	0.75	1			39	38	35	32	30	28	26	22	17	10
4SD 8/7	0.75	1			46	44	41	37	35	33	30	26	20	12
4SD 8/8	1.1	1.5			51	50	46	43	40	38	35	30	23	15
4SD 8/9	1.1	1.5			57	56	52	48	45	43	39	34	26	17
4SD 8/10	1.5	2			64	63	58	54	51	48	44	38	30	29
4SD 8/12	1.5	2			77	76	70	65	61	58	53	46	36	23
4SD 8/15	2.2	3			98	95	88	82	78	73	67	58	45	29
4SD 8/18	2.2	3			118	114	106	98	94	88	80	70	54	35
4SD 8/21	3	4			103	130	124	114	107	102	93	80	63	40
4SD 8/24	3	4			153	149	142	130	122	117	106	91	72	46
4SD 8/27	4	5.5			172	168	160	147	138	132	120	103	80	49
4SD 8/30	4	5.5			191	187	178	163	153	147	133	114	89	54
4SD 8/34	5.5	7.5			212	208	198	182	171	162	147	125	95	56
4SD 8/38	5.5	7.5			237	232	221	203	191	181	164	140	106	62
4SD 8/42	7.5	10			260	253	241	223	209	196	178	149	112	63
4SD 8/46	7.5	10			285	277	264	244	229	217	195	163	123	69

4SD 10 Range

Performance Curves



Model	Power		Outlet Size (DN)	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6
	kW	HP			l/min	0	30	60	90	120	150	180
4SD 10/4	0.75	1	2" 50mm	Head (M)	25	24	23	22	21	18	14	7
4SD 10/5	0.75	1			31	30	29	27	26	23	18	9
4SD 10/6	1.1	1.5			37	36	34	33	31	28	23	13
4SD 10/7	1.1	1.5			43	42	40	39	36	33	27	15
4SD 10/8	1.5	2			50	49	46	44	42	37	30	17
4SD 10/10	1.5	2			63	61	58	55	53	46	38	21
4SD 10/12	2.2	3			77	76	70	66	63	55	42	22
4SD 10/14	2.2	3			90	89	82	77	74	64	49	26
4SD 10/16	3	4			100	98	91	88	84	74	59	36
4SD 10/18	3	4			113	110	102	99	98	87	64	40
4SD 10/20	4	5.5			124	121	114	110	106	95	76	45
4SD 10/22	4	5.5			136	133	125	121	117	105	84	50
4SD 10/25	5.5	7.5			154	150	141	136	130	116	92	55
4SD 10/28	5.5	7.5			172	168	158	152	146	125	100	62
4SD 10/31	7.5	10			188	184	174	168	160	141	110	66
4SD 10/34	7.5	10			206	202	191	184	175	155	121	72

Dimensions & Weight

Pump	Box Size	Weight
CPM158	34 X 21.5 X 27cm	12.9kg
CPM158 + PS01	35 X 29 X 45cm	14.9kg
CPW180	39 X 25.5 X 33.5cm	20.7kg
CPW180 + PS01	40 X 30 X 50cm	22.7kg
CPW200	39 X 25.5 X 33.5cm	23.1kg

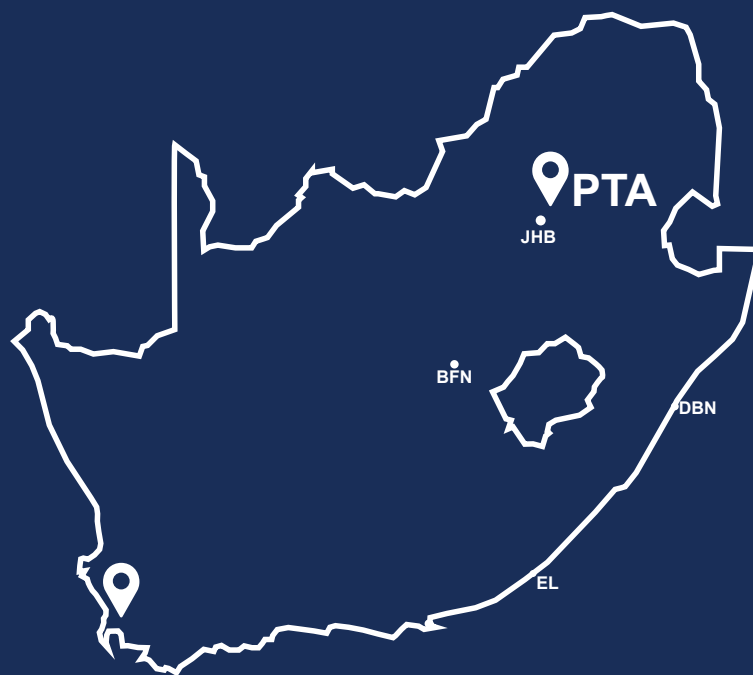
3” Packs

Water Pack 1	103 X 38.5 X 14cm	15kg
Water Pack 2	103 X 38.5 X 14cm	18kg
Water Pack 3	103 X 38.5 X 14cm	24kg

4” Packs

JohnTech Pack 1	103 X 38.5 X 14cm	20kg
JohnTech Pack 2	103 X 38.5 X 14cm	26kg
JohnTech Pack 3	103 X 38.5 X 14cm	29kg
JohnTech Pack 4	103 X 38.5 X 14cm	40kg

Notes



HEAD OFFICE:
+27 (012) 819-1196
sales@teskpump.co.za

WWW.TESKPUMP.CO.ZA

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