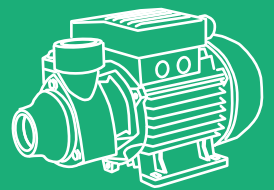
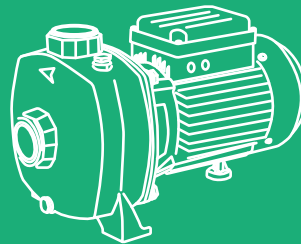
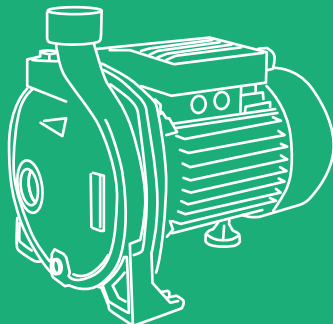
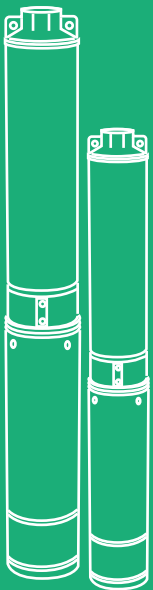


Product Catalogue



JOHNTECH
PUMPS





Important information:

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About us

Vansan South Africa is the manufacturer and supplier of quality water pumps to Africa. We provide excellent quality solutions and personalized service. Our range extends from surface pumps to borehole/submersible pumps to solutions for large civil water projects using state-of-the-art vertical turbine pumps.

Our mission

- ✔ To import and produce high quality products and ensure our customers receive great value for money.
- ✔ To provide service excellence with every transaction - before, during and after sales.

Our Vision

- ✔ To be the market leader in Africa in the water supply and liquid-moving industries.
- ✔ To provide sustainable product solutions through innovation.



Head Office team, located in Montana, Pretoria



Workshop team, located in Rosslyn, Pretoria



Port Elizabeth team



Cape Town team

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PM-Range

Peripheral Pumps

Operating Conditions

- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift of 6-8m

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



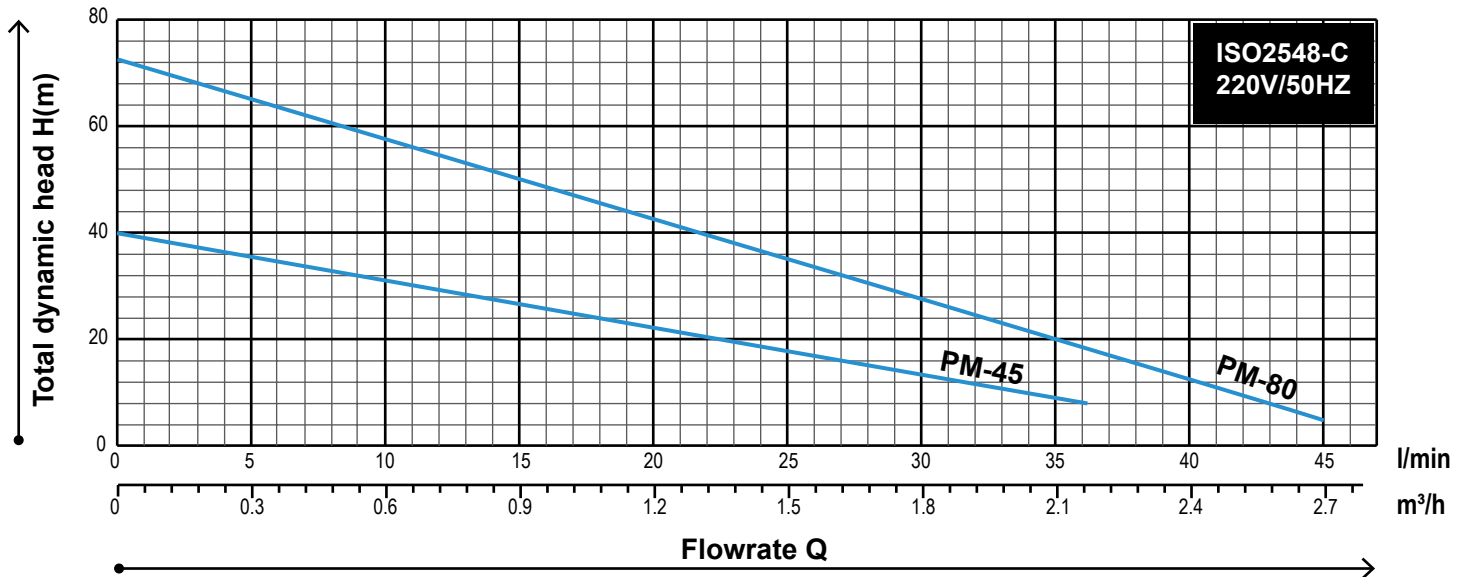
Small Farms

Pump

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



Performance Chart at 2850rpm



Performance Table

Type	Power		µF	Ampere max.	Q (l/min) (m³/h)	0	5	10	20	30	35	40	45	DNA	DNM	N.W (kg)
	HP	kW				0	0.3	0.6	1.2	1.8	2.1	2.4	2.7			
PM-45	0.5	0.37	8	2.7	Head (m)	40	36	31.5	22	12	7	-	-	1"	1"	6
PM-80	1	0.75	20	4.5		70	64	56	42	28	21	14	5	1"	1"	8.9

CPM Range Centrifugal Pumps

Operating Conditions

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

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



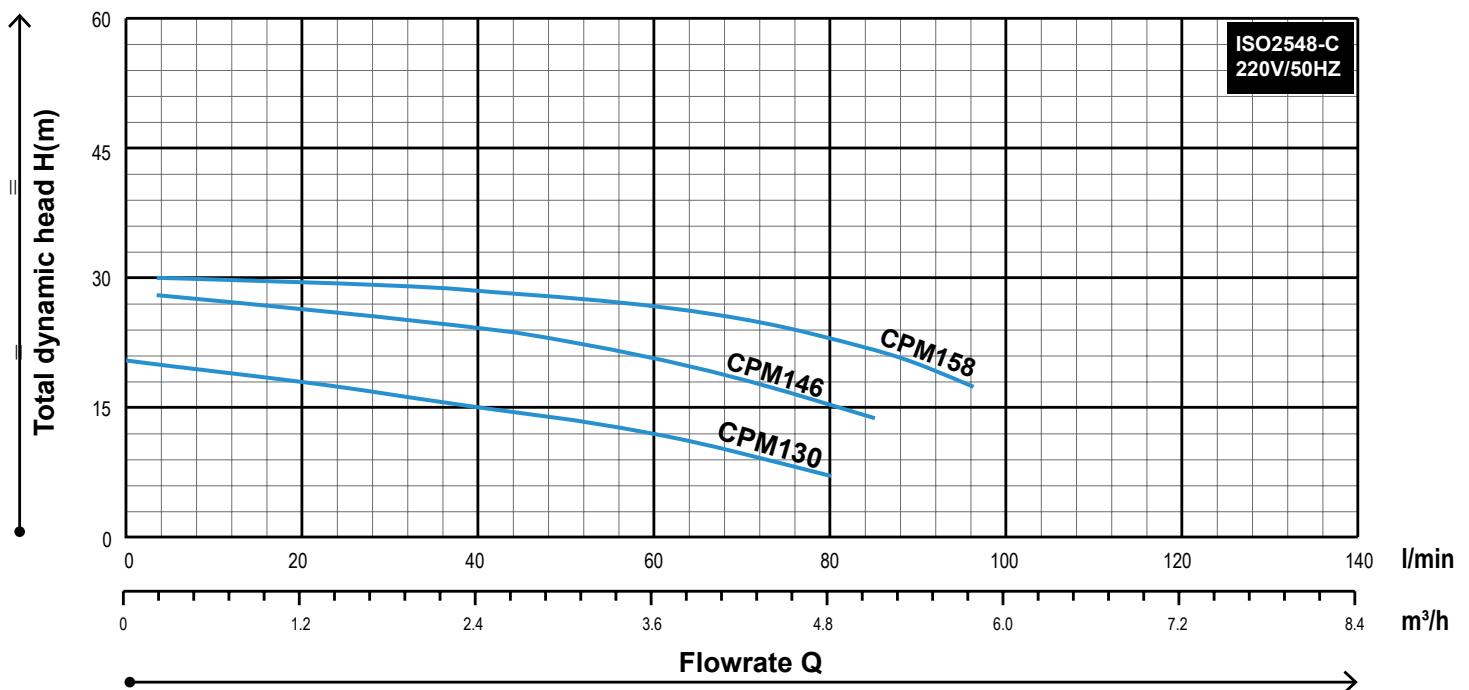
Small Farms

Pump

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



Performance Chart at 2850rpm



Performance Table

Model	Power		µF	Ampere max.	Q (l/min)	0	20	40	60	80	90	100	120	140	DNA	DNM	N.W (kg)
	HP	kW				0	1.2	2.4	3.6	4.8	5.4	6.0	7.2	8.4			
CPM128	0.5	0.37	12	2.7	Head (m)	20	18	15	12	7	-	-	-	-	1"	1"	9
CPM146	0.75	0.55	16	3.6		26	25	23	20	15	12	-	-	-	1"	1"	12
CPM158	1	0.75	20	5.0		30	29	27.5	26	23	21	17	-	-	1"	1"	13.5

CPW Range Centrifugal Pumps

Operating Conditions

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

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



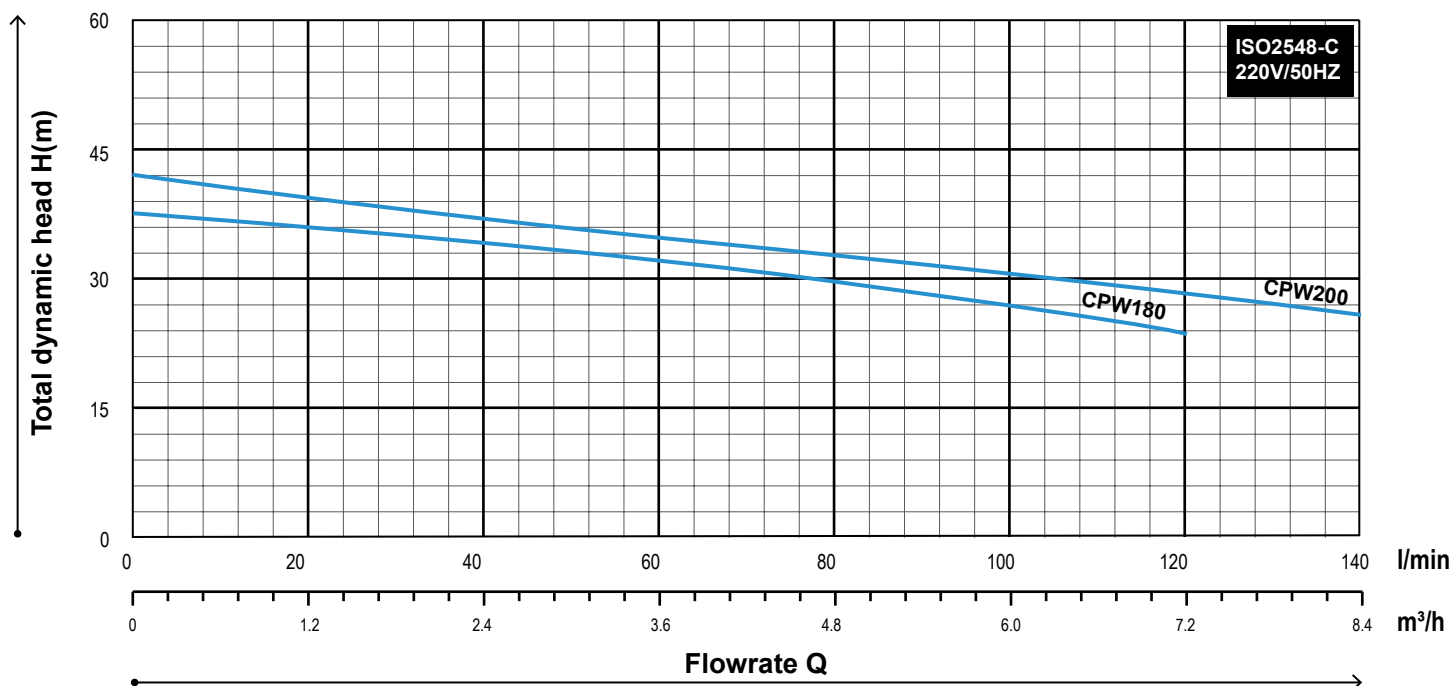
Small Farms

Pump

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



Performance Chart at 2850rpm



Performance Table

Model	Power		μF	Ampere max.	Q (l/min) (m³/h)	0	20	40	60	80	90	100	120	140	DNA	DNM	N.W (kg)
	HP	kW				0	1.2	2.4	3.6	4.8	5.4	6.0	7.2	8.4			
CPW-180	1.5	1.1	30	8.2	Head (m)	37	35	33	31	29	28	26.5	24	-	1"	1"	21
CPW-200	2.0	1.5	45	10.5		40.5	39	37	35.5	34	33	31	28	22.8	1"	1"	25.5

SCM2-Range

Twin Impeller Pump

Operating Conditions

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

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



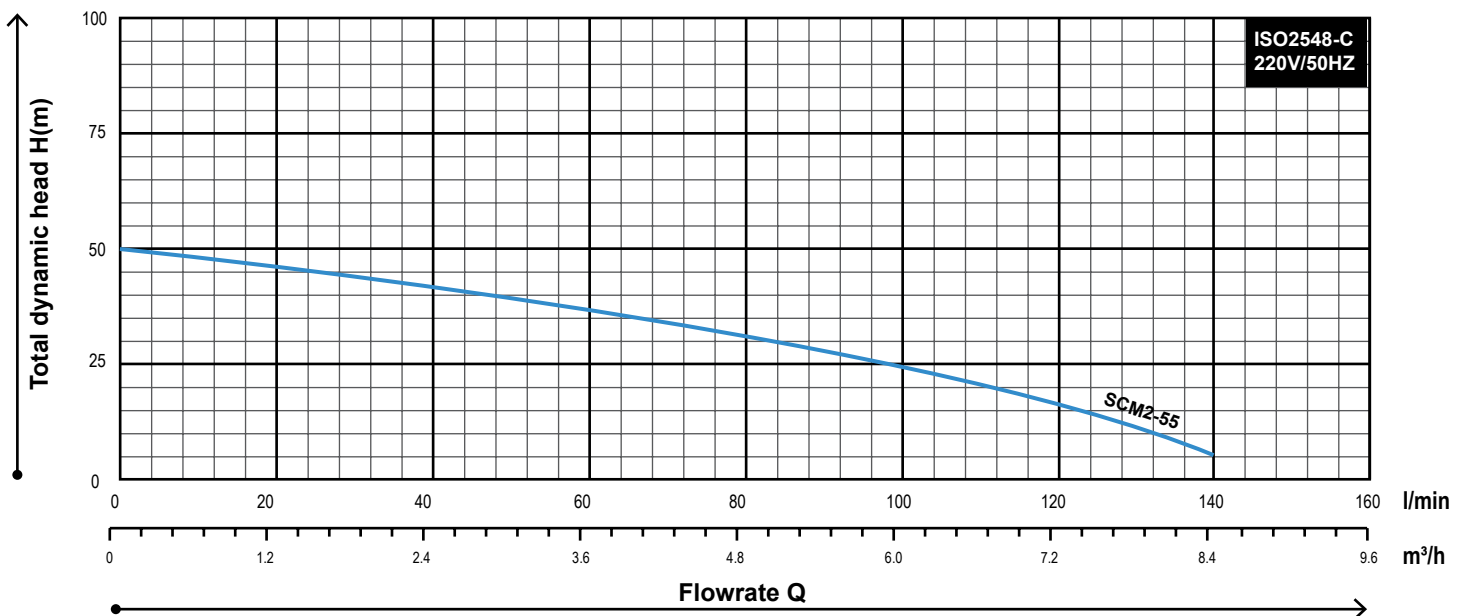
Small Farms

Pump

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



Performance Chart at 2850rpm



Performance Table

Model	Power		µF	Ampere max.	Q								DNA	DNM	
	HP	kW			0	20	40	60	80	100	120	140			
SCM2-55	2	1.5	30	8.2	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	1½"	1"	
					Head (m)	50	46.5	42	37.5	31	25	17	5.5		

MB-Range

Twin Impeller Pump

Operating Conditions

- Liquid temperature up to 90°C
- Ambient temperature up to 40°C
- Total suction lift of 6-8m

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



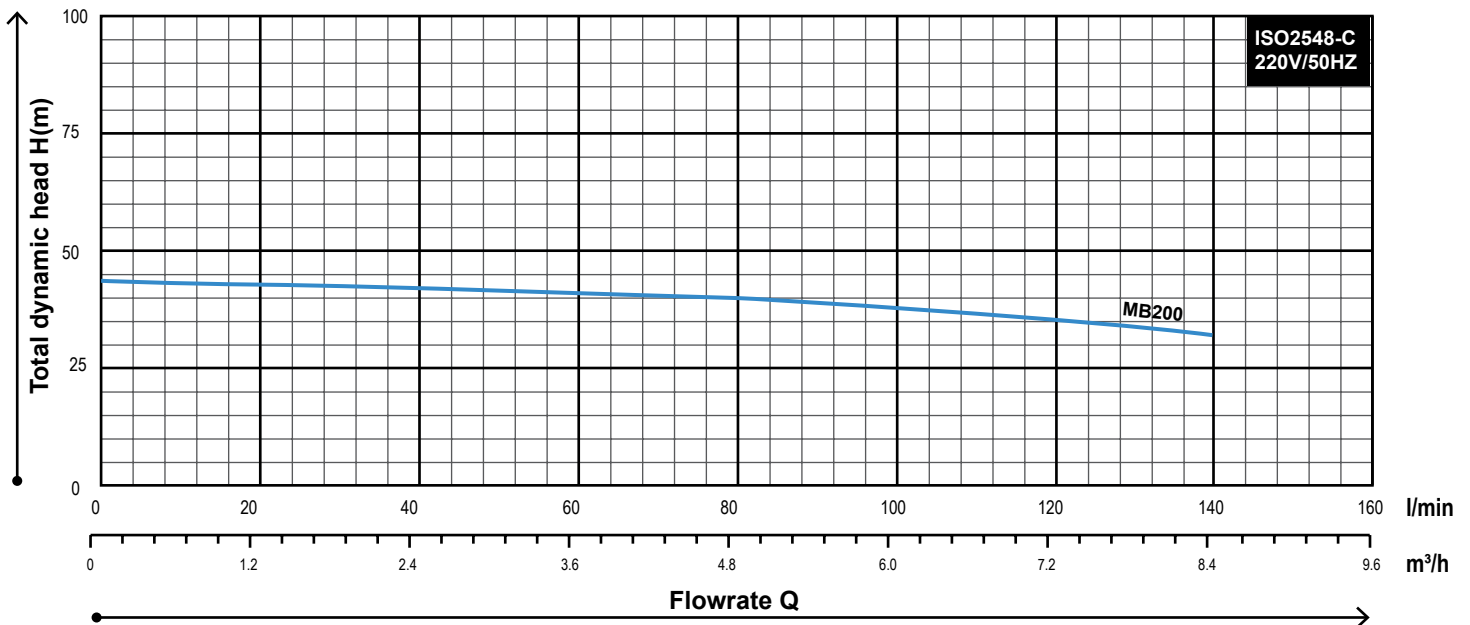
Small Farms

Pump

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



Performance Chart at 2850rpm



Performance Table

Type	Power		µF	Ampere I max.	Q (l/min) (m³/h)	0	20	40	60	80	90	100	110	120	140	160	200	DNA	DNM
	HP	kW				0	1.2	2.4	3.6	4.8	5.4	6	6.6	7.2	8.4	9.6	12		
MB200	3	2.2	45	10	Head (m)	43	42.5	42	41	40	39	38.5	36.5	34.5	32	-	-	1½"	1½"

Jet-JM Range Self-priming pumps

Operating Conditions

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

Motor

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

Sectors:

Residential



Pressure boosting
Irrigation

Agriculture



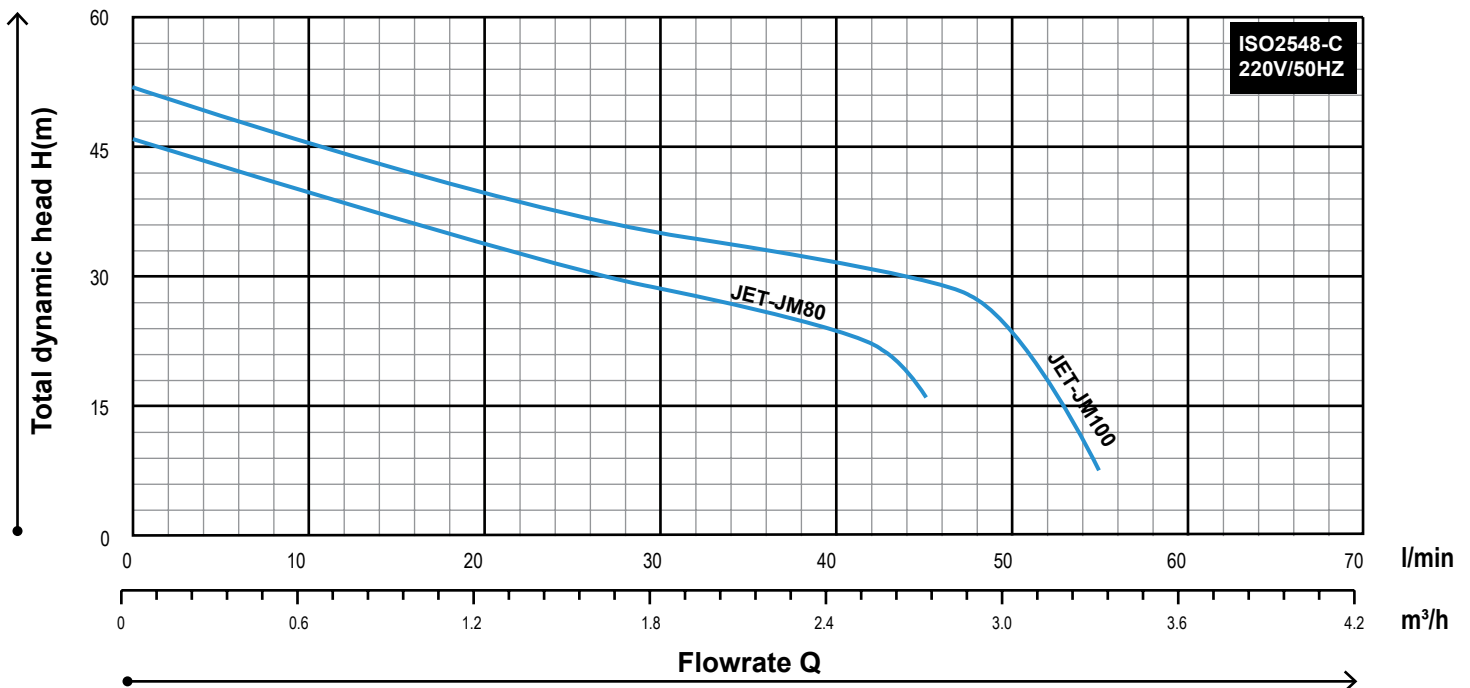
Small Farms

Pump

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



Performance Chart @ 2850rpm



Performance Table

Model	Power		µF	Ampere I max.	Q (l/min) (m³/h)	0	10	20	30	40	45	50	55	DNA	DNM	N.W (kg)
	HP	kW				0	0.6	1.2	1.8	2.4	2.7	3.0	3.3			
JET-JM80	0.75	0.55	16	3.6	Head (m)	46	40.5	33.5	28.5	24	16	-	-	1"	1"	14.5
JET-JM100	1	0.75	20	5	Head (m)	50	45.5	40	35.5	31.5	30	25	7.5	1"	1"	15.5

Jet-ST Range Self-priming pumps

Operating Conditions

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

Motor

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

Pump

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

Sectors:

Residential



Pressure boosting
Irrigation

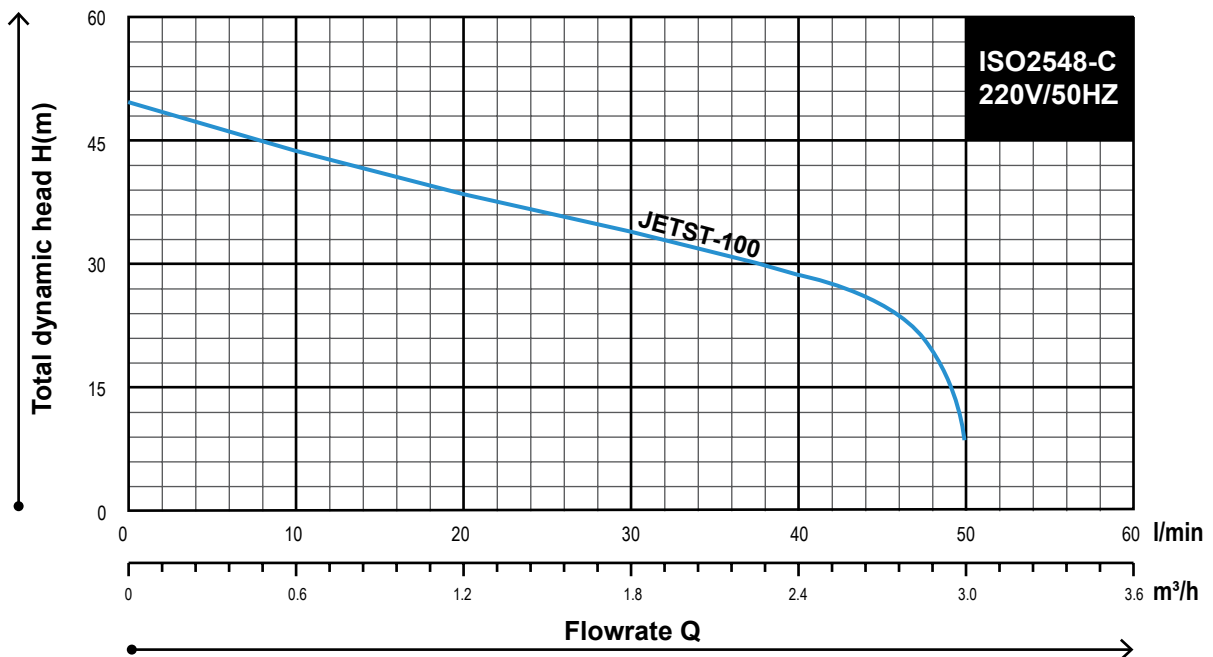
Agriculture



Small Farms



Performance Chart @ 2850rpm



Performance Table

Model	Power		µF	Ampere max.	Q	0	10	20	30	40	50	DNA	DNM	N.W (kg)
	HP	kW			(l/min)	(m³/h)								
JETST-100	1.1	0.75	20	5	Head (m)	44.5	43.5	39	34	28.5	14	1"	1"	14.5

PS Range Domestic Drainage Pumps

Application

- Domestic drainage
- Small scale agricultural drainage

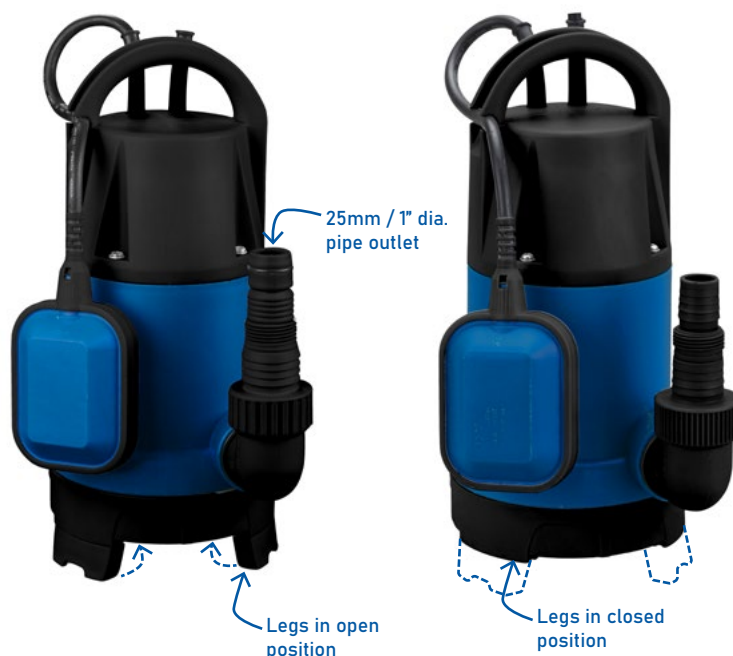
Max submersion depth = 7m
 Max particle size = 30mm
 Pipe outlet dia. = 25mm / 1"
NOT FOR CONTINUOUS DUTY

Pump

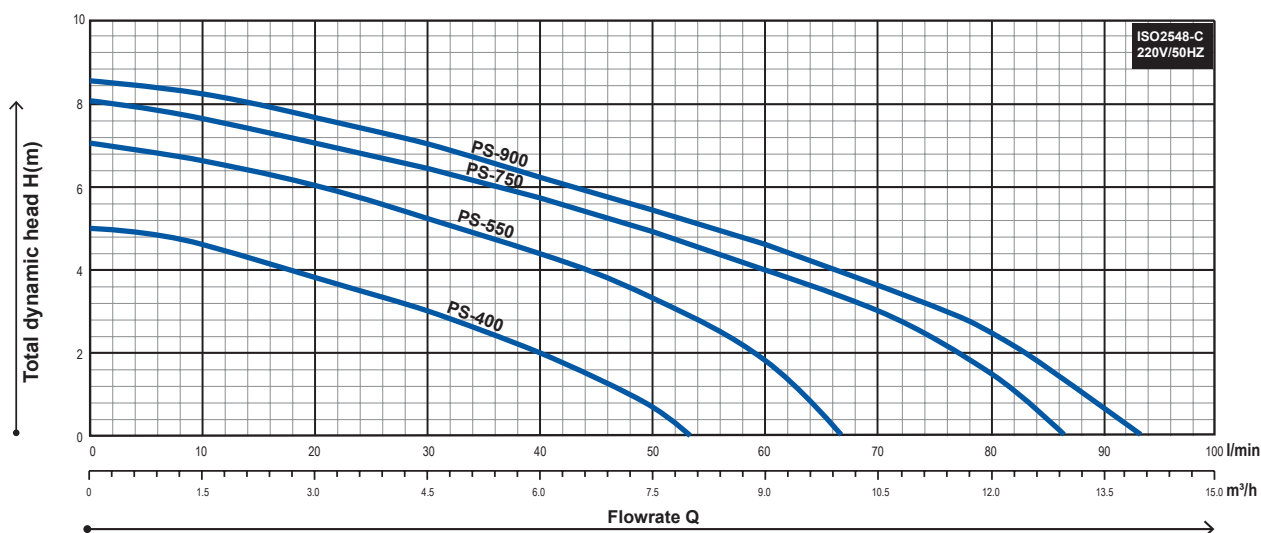
- Max. immersion depth: 7 m
- Max. liquid temperature: 40 °C
- Liquid pH value: 4-10
- Max. Particle size: 30mm

Motor

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



Performance Chart @ 2850rpm



Technical Data (220~240V/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

Flow Controllers

Automatic Pump Control PS01

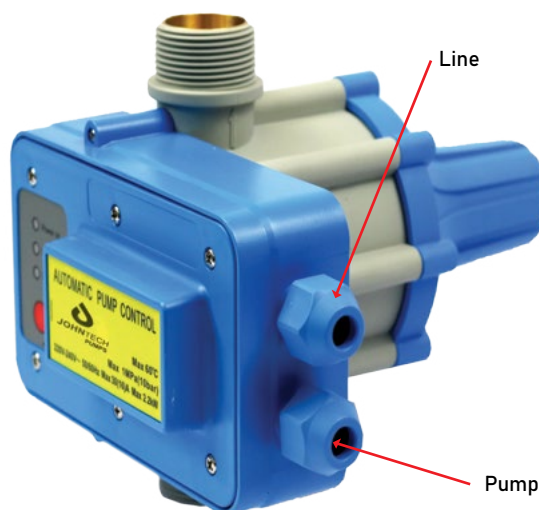
Rated Voltage:	220-240V
Frequency:	50/60Hz
Max power:	1.1kw
Max rated current:	10A
Max working pressure:	10Bar
Max Ambient temp:	60°C
Protection Degree:	IP65
Connection:	1" Male



Starting pressure: 1.5 Bar
Max Pressure: 10Bar

Automatic Pump Control PS01A

Rated Voltage:	220-240V
Frequency:	50/60Hz
Max power:	2.2kw
Max rated current:	30A
Max working pressure:	10Bar
Max Ambient temp:	60°C
Protection Degree:	IP65
Connection:	1 1/4" Male



Starting pressure: 2.2 Bar
Max Pressure: 10Bar

Automatic Pump Control PS02B

Rated Voltage:	220-240V
Frequency:	50/60Hz
Max power:	1.1kw
Max rated current:	10A
Max working pressure:	10Bar
Max Ambient temp:	60°C
Protection Degree:	IP65
Connection:	1" Male

Adjust start pressure



Starting pressure: 1.5 - 3Bar adjustable
Maximum pressure: 10Bar

Pump Packs

Applications

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

Operating Conditions

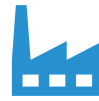
- Maximum ambient temperature < 40°C.
- Sand content (mass fraction) up to 0.01%.
- Hydrogen Sulfide content up to 1.5mg/litre.
- Chloride Ion content up to 400mg/litre.
- pH 6.5-8.5.
- Submersible Depth: 70m below static water table.

Motor

- 4" NEMA standard connections
- Oil-filled motor, stable & reliable running with pressure regulating membrane
- Available with pump casing with plug, integrated stage floating impellers.
- Installation in 4" or larger boreholes.

Sectors:

Industrial



Water supply
Pressure boosting
Fire fighting

Residential



Domestic supply
Irrigation
Fountains

Renewable energy



Rural water supply
Irrigation

Agriculture



Irrigation
Sprinkler systems

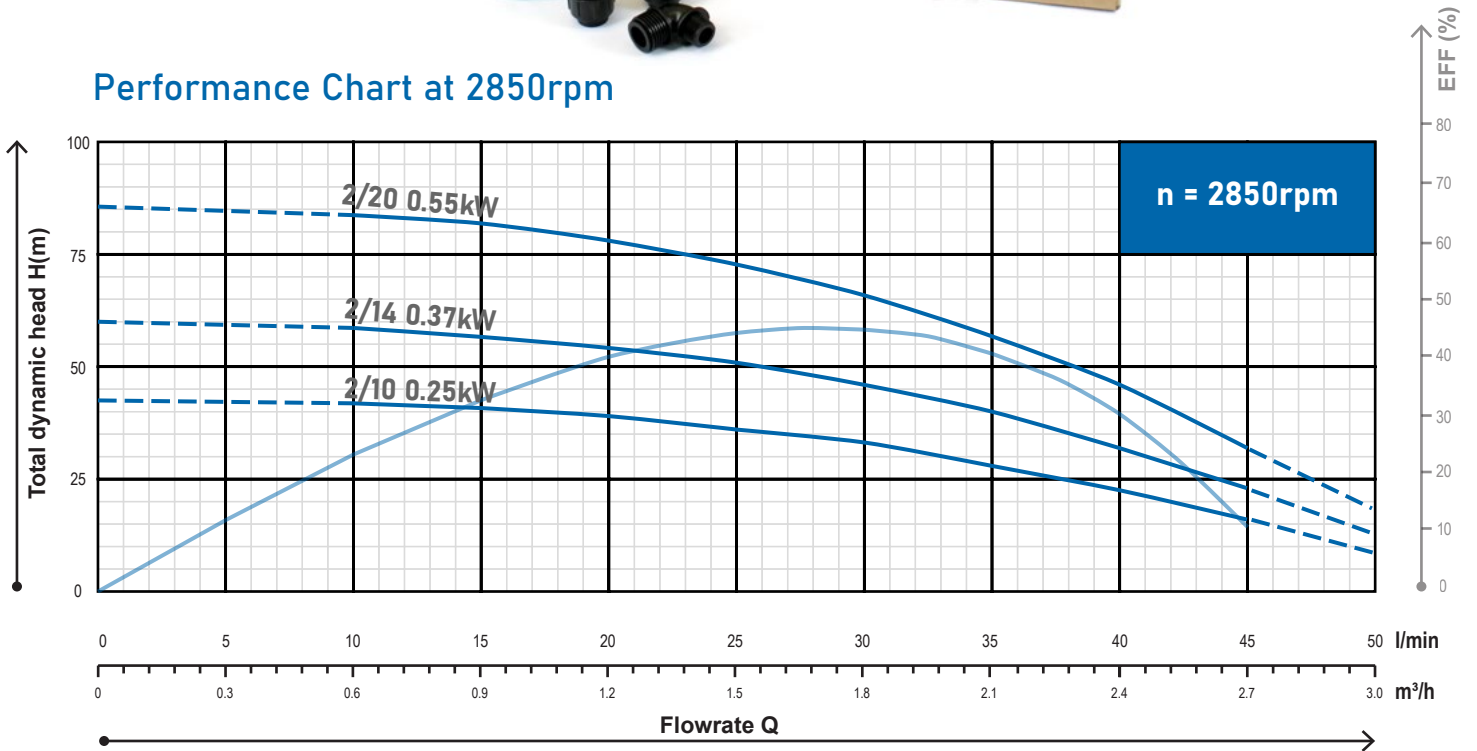
Includes: Pump, Motor, Control Box, Cable, Safety Rope, Baseplate and 3x Compression Fittings



3" Water Packs



Performance Chart at 2850rpm



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

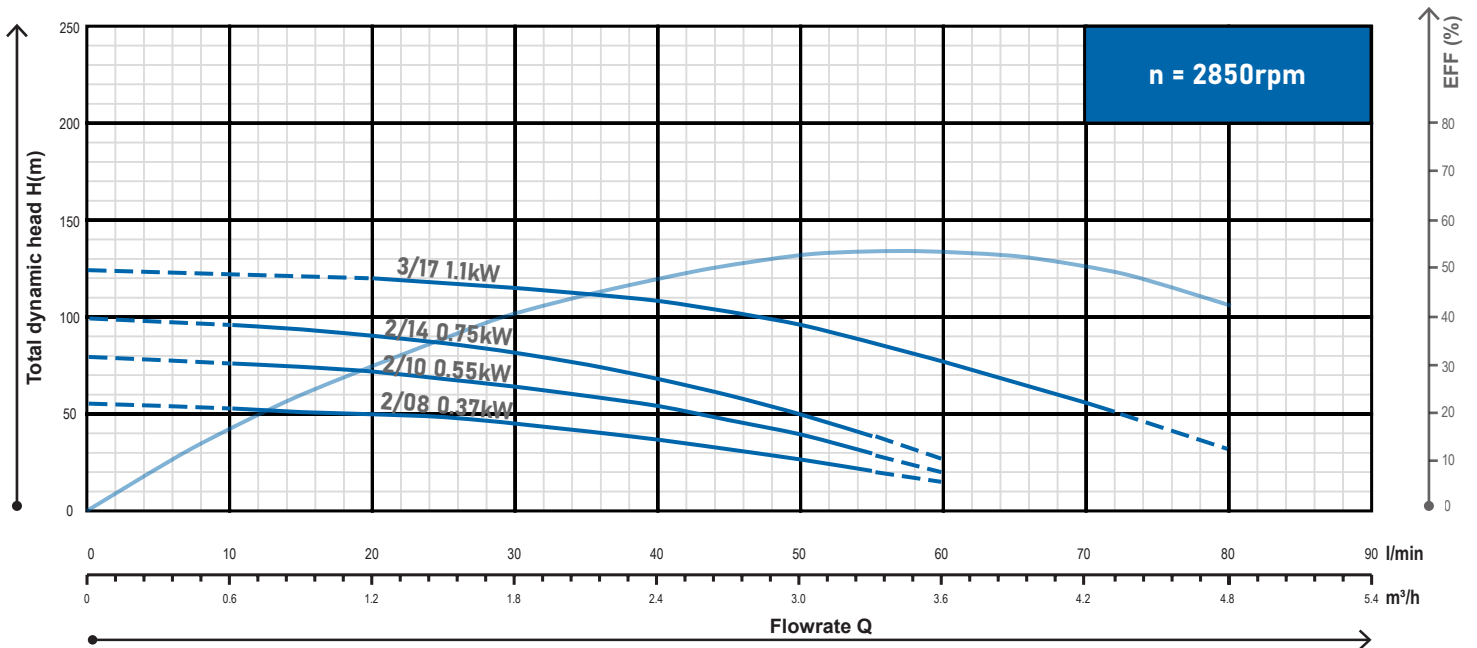
Performance Table

MODEL	PUMP	kW 230V	CABLE (m)	ROPE (m)	Flowrate Q												
					m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
					l/s	0	5	10	15	20	25	30	35	40	45	50	
WATER PACK 1	3JT 2-10	0.25	40	40	HEAD (m)	42	41	41	39	37	34	30	26	21	15	9	
WATER PACK 2	3JT 2-14	0.37	50	50	HEAD (m)	59	57	57	55	52	48	42	36	29	20	13	
WATER PACK 3	3JT 2-20	0.55	60	60	HEAD (m)	84	82	81	78	74	68	60	52	41	29	18	

4" Water Packs



Performance Chart at 2850rpm



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

Performance Table

MODEL	PUMP	kW 230V	CABLE (m)	ROPE (m)	Flowrate Q									
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
					litre/sec	10	20	30	40	50	60	70	80	
JT PUMP PACK 1	4 JT 02-08	0.37	50	50	HEAD (m)	51	47	45	42	36	26	15		
JT PUMP PACK 2	4 JT 02-11	0.55	60	60		70	65	62	57	49	36	20		
JT PUMP PACK 3	4 JT 02-14	0.75	70	70		90	83	79	72	62	45	26		
JT PUMP PACK 4	4 JT 03-17	1.1	80	80		129	127	124	119	109	95	77	56	32

4SD-Range Deep well Submersible Pumps

Operating Conditions

- Maximum ambient temperature < 40°C.
- Sand content (mass fraction) up to 0.01%.
- Hydrogen Sulfide content up to 1.5mg/litre.
- Chloride Ion content up to 400mg/litre.
- pH 6.5-8.5.
- Submersible Depth: 70m below static water table.

Motor

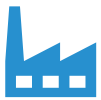
- Flange 4"NEMA standard
- Oil-filled motor, stable & reliable running with pressure regulating membrane
- Available with pump casing with plug, integrated stage floating impellers.
- Installation in 4" or larger boreholes.

Pump Range

- Max flow: 22m³/h
- Max head: 454m

Sectors:

Industrial



Water supply
Pressure boosting
Fire fighting

Residential



Domestic supply
Irrigation
Fountains

Renewable energy



Rural water supply
Irrigation

Agriculture



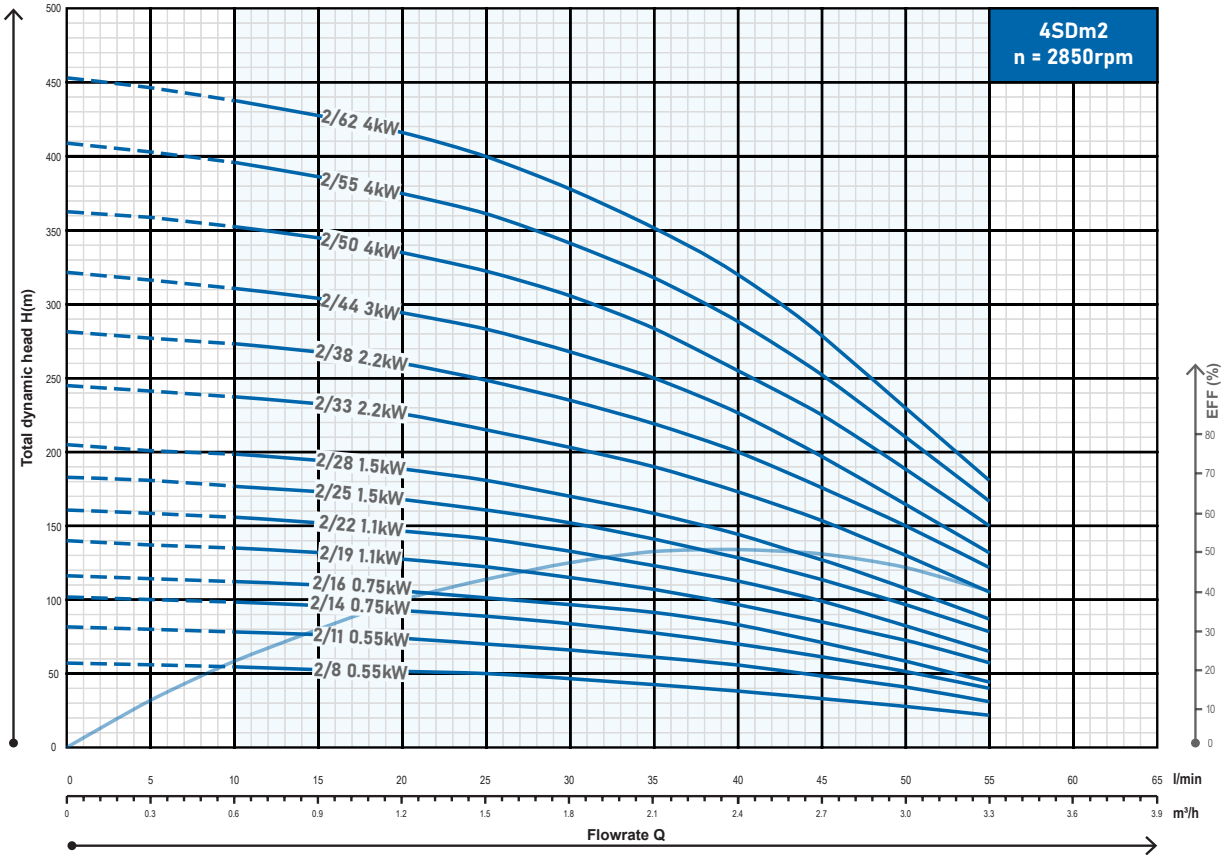
Irrigation
Sprinkler systems



4SD 2

Deep well Submersible Pumps

Performance Curves

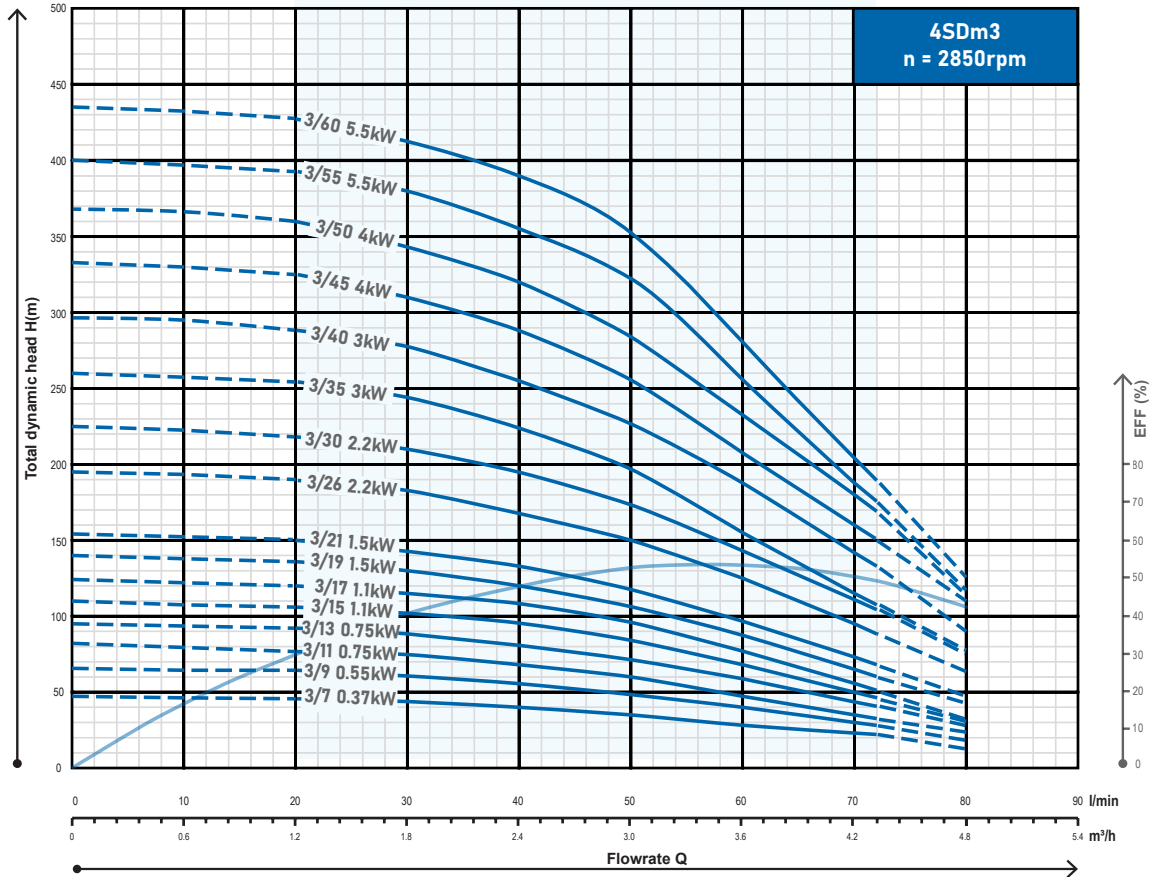


MODEL	POWER		OUTLET SIZE (DN)	Flowrate Q													
	kW	HP		m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	
				l/min	0	5	10	15	20	25	30	35	40	45	50	55	
4SD 2/8	0.37	0.5	1 1/4" 32mm	HEAD (M)	58	56	55	54	52	50	46	43	38	34	27	21	
4SD 2/11	0.55	0.75			82	80	79	77	74	71	67	62	56	49	41	32	
4SD 2/14	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

Deep well Submersible Pumps

Performance Curves

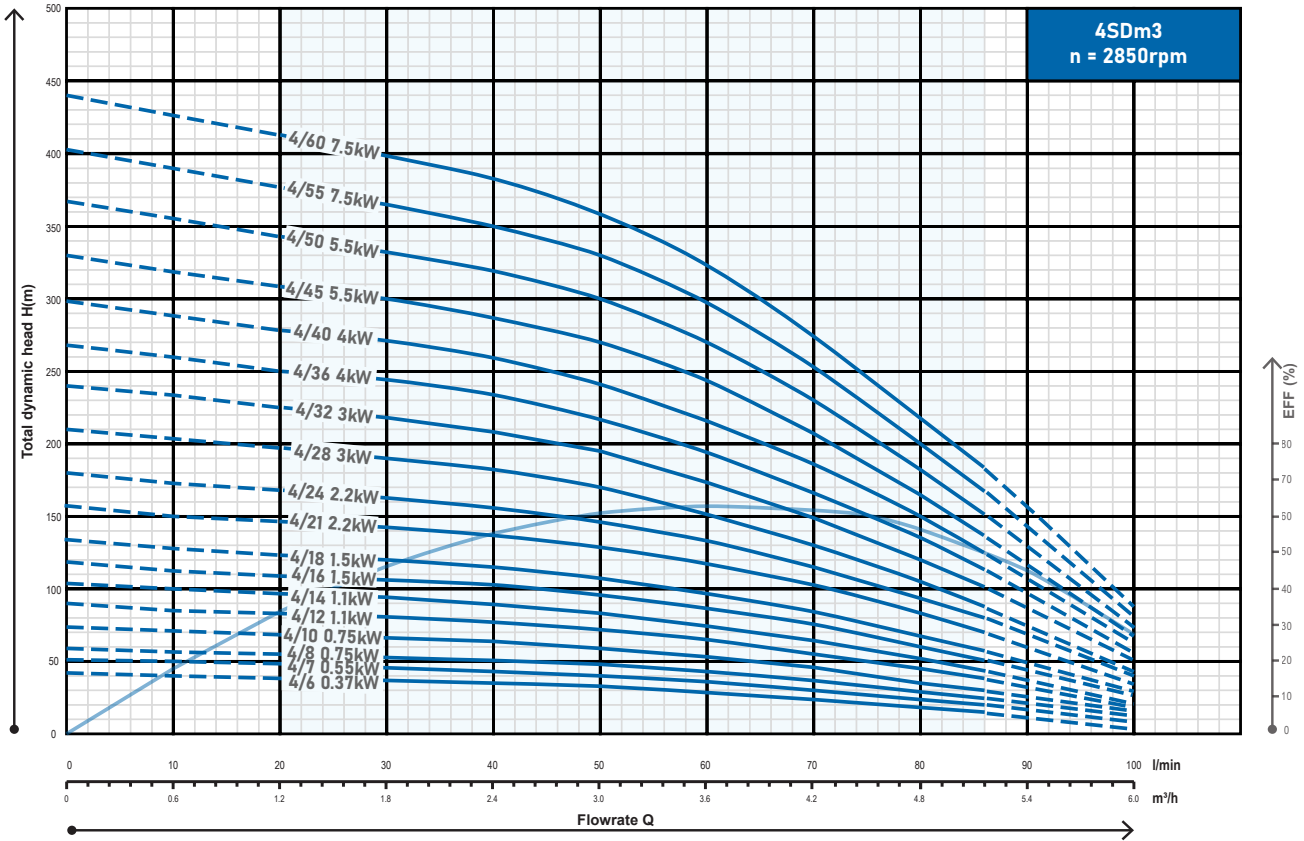


MODEL	POWER		OUTLET SIZE (DN)	m³/h								
	kW	HP		0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
				l/min								
				0	10	20	30	40	50	60	70	80
4SD 3/7	0.37	0.5	1¼" 32mm	49	48	47	44	40	35	28	23	12
4SD 3/9	0.55	0.75		65	64	63	60	55	48	40	30	19
4SD 3/11	0.75	1		81	79	78	75	68	60	49	37	24
4SD 3/13	0.75	1		96	93	92	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	5.5	7.5	436	434	429	415	387	352	273	204	125	

4SD 4

Deep well Submersible Pumps

Performance Curves

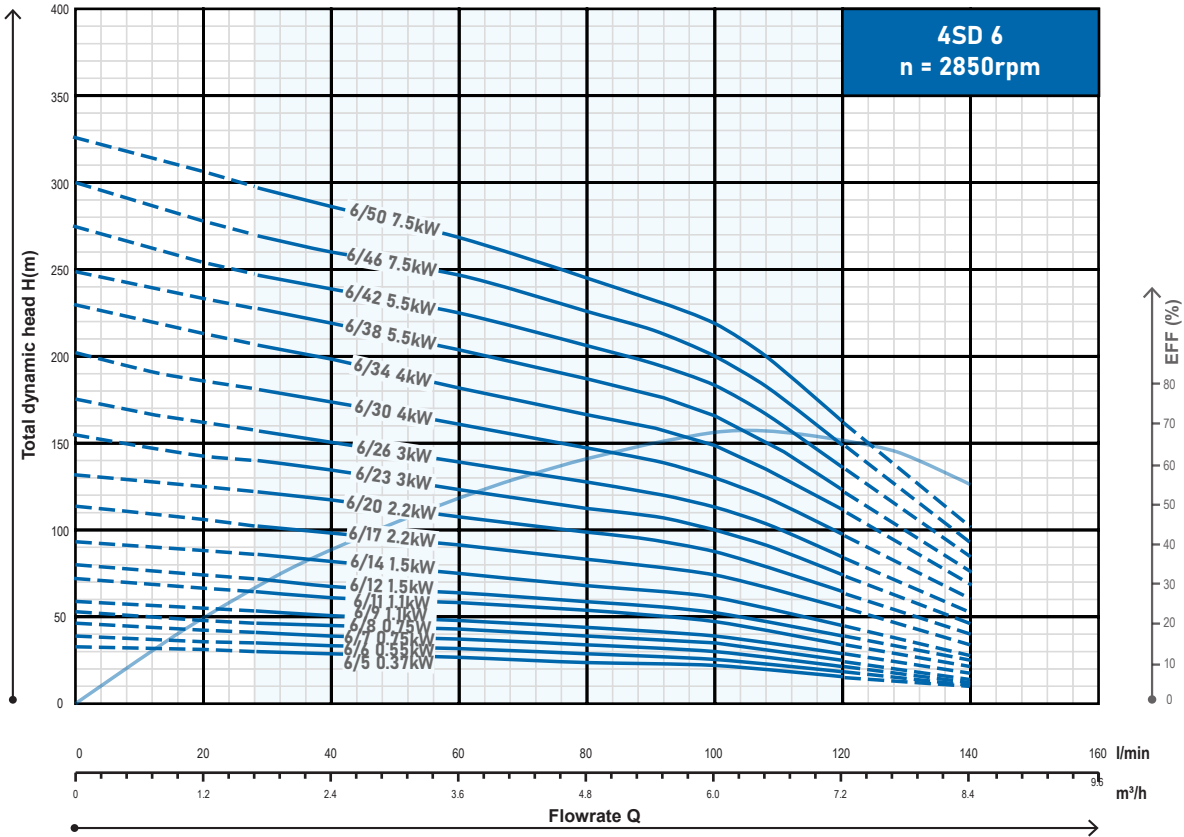


MODEL	POWER		OUTLET SIZE (DN)	Flowrate Q											
	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
				l/min	0	10	20	30	40	50	60	70	80	90	100
4SD 4/6	0.37	0.5	1 1/4" 32mm	HEAD (M)	42	40	39	37	35	32	29	24	19	12	4
4SD 4/7	0.55	0.75			50	48	47	46	44	40	36	31	25	18	9
4SD 4/8	0.75	1			59	57	55	53	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

Deep well Submersible Pumps

Performance Curves

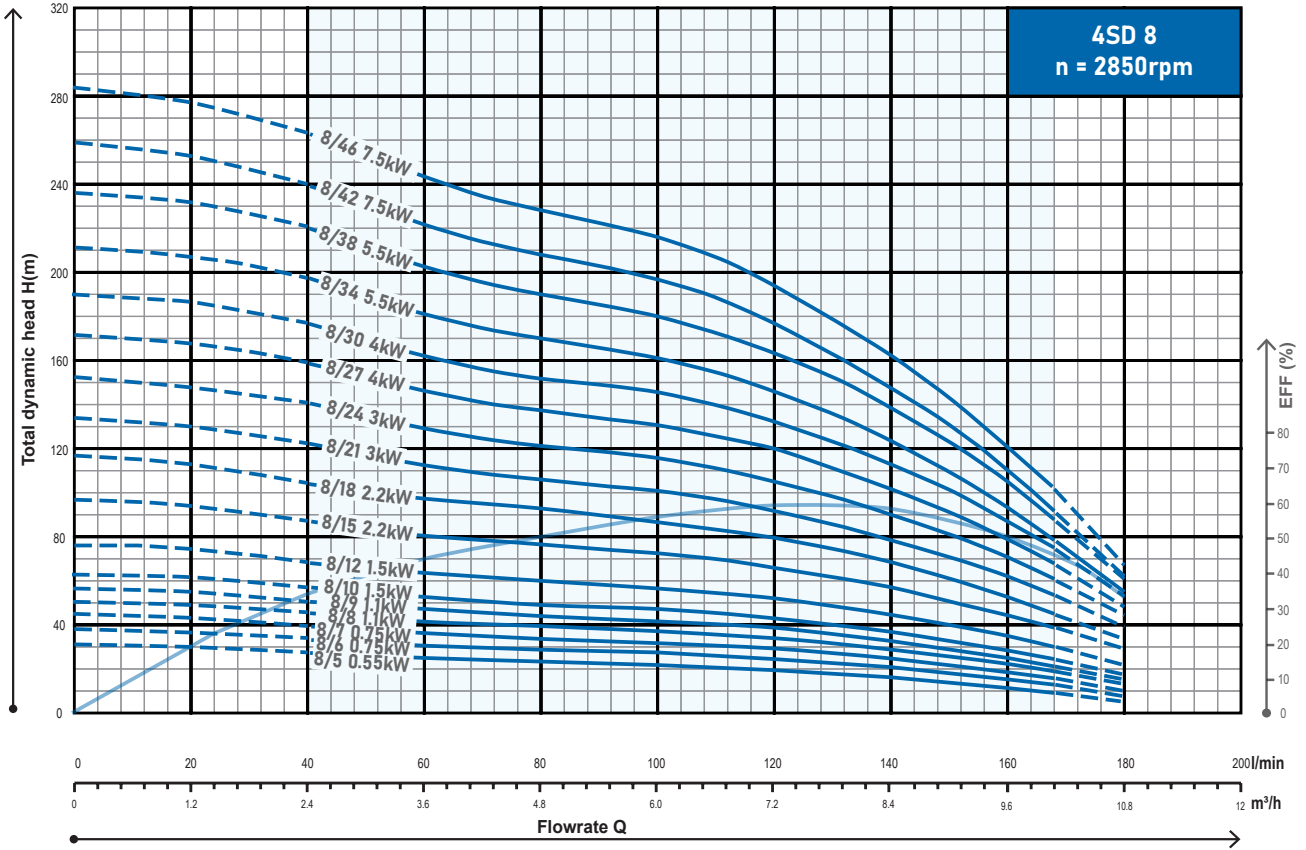


MODEL	POWER		OUTLET SIZE (DN)	m³/h	Flowrate Q							
	kW	HP			0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				l/min	0	20	40	60	80	100	120	140
4SD 6/5	0.37	0.5	1½" 40mm	HEAD (M)	33	31	29	27	24	22	16	10
4SD 6/6	0.55	0.75			39	36	34	32	29	26	19	12
4SD 6/7	0.75	1			46	42	39	37	34	30	23	14
4SD 6/8	0.75	1			53	48	45	43	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

Deep well Submersible Pumps

Performance Curves

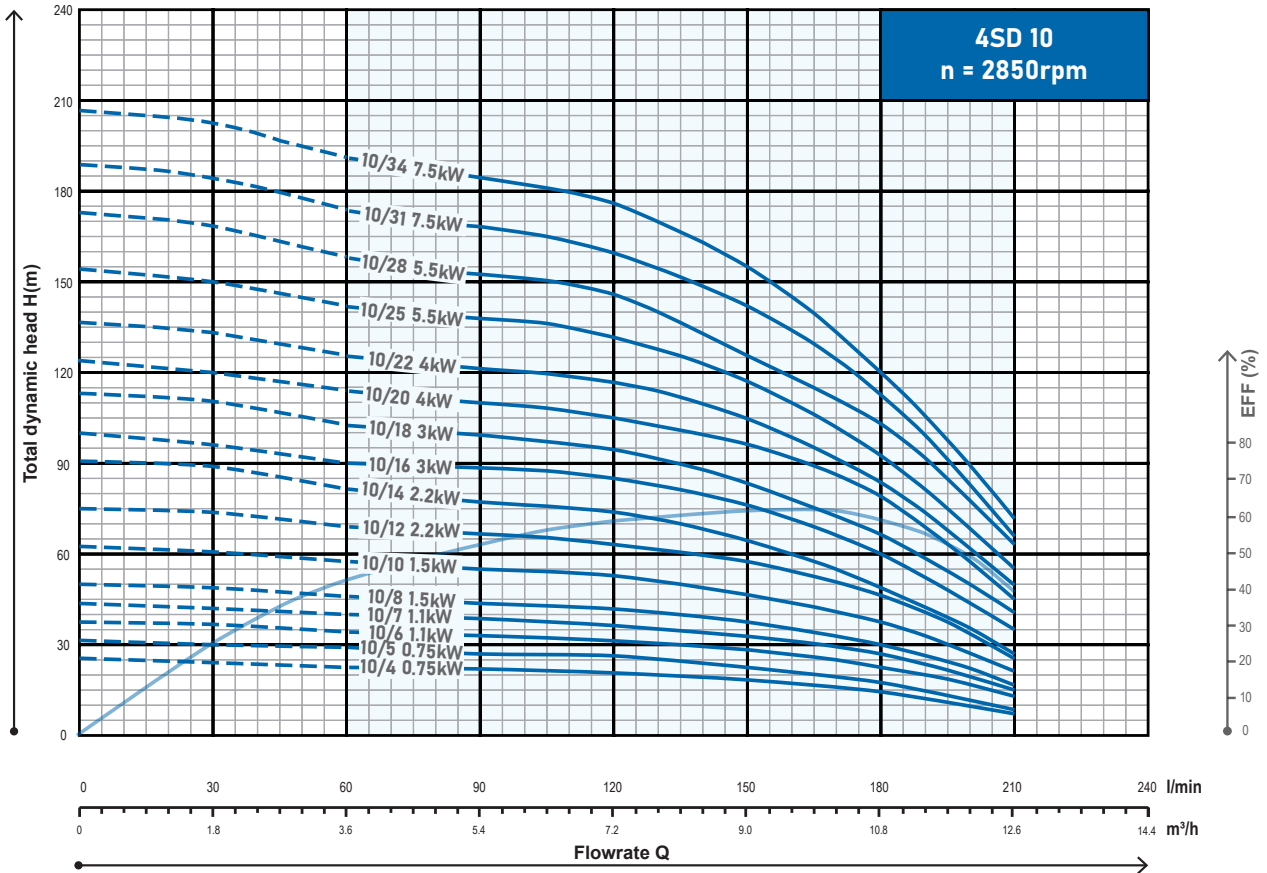


MODEL	POWER		OUTLET SIZE (DN)	Flowrate Q										
	kW	HP		m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
				l/min	0	20	40	60	80	100	120	140	160	180
4SD 8/5	0.55	0.75	1½" 40mm	HEAD (M)	32	31	28	26	25	23	21	17	13	7
4SD 8/6	0.75	1			39	38	35	32	30	28	26	22	17	10
4SD 8/7	0.75	1			46	44	41	37	35	33	30	26	20	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			134	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

Deep well Submersible Pumps

Performance Curves

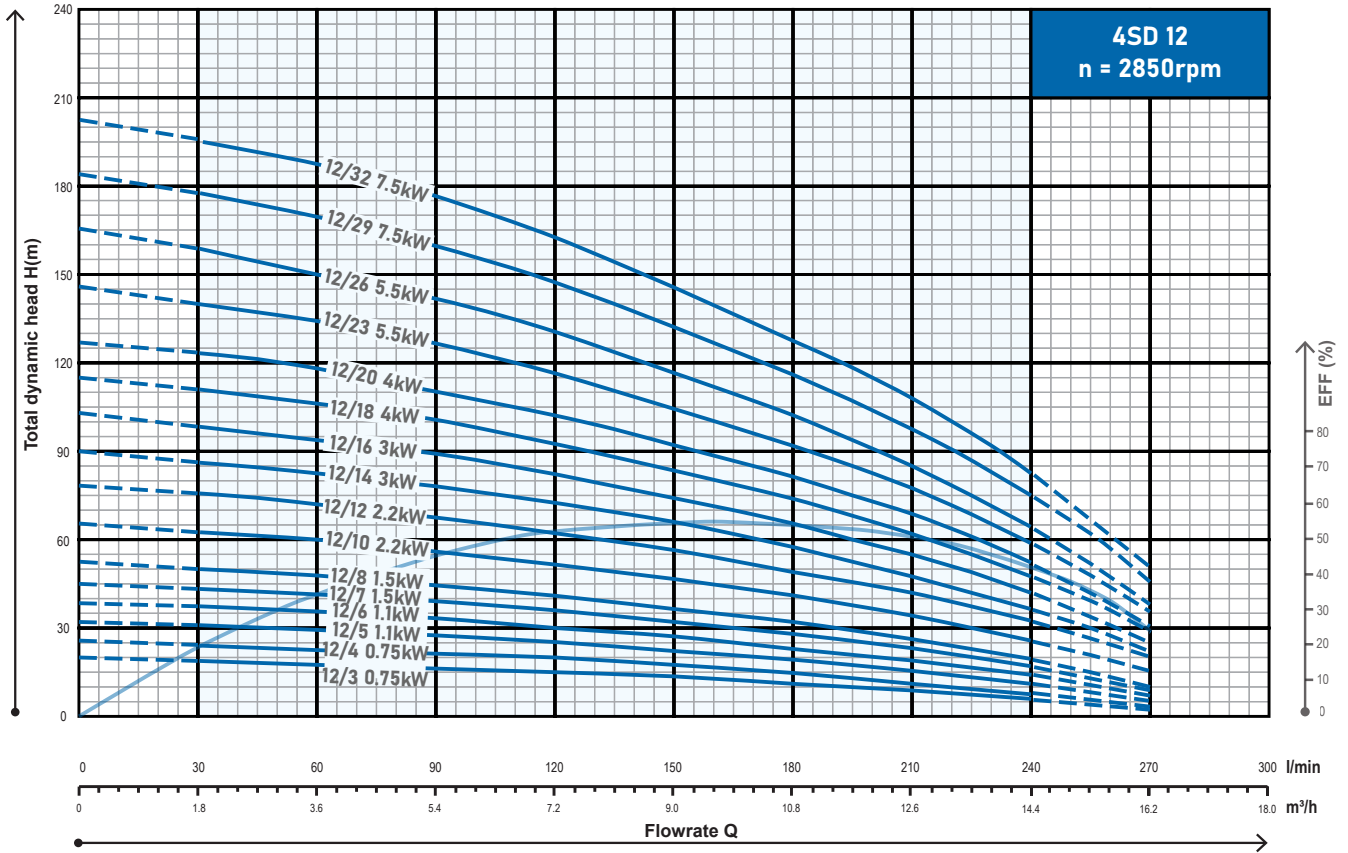


MODEL	POWER		OUTLET SIZE (DN)	m³/h	Flowrate Q								
	kW	HP			0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	
4SD 10/4	0.75	1	2" 50mm	l/min	0	30	60	90	120	150	180	210	
4SD 10/5	0.75	1		25	24	23	22	21	18	14	7		
4SD 10/6	1.1	1.5		31	30	29	27	26	23	18	9		
4SD 10/7	1.1	1.5		37	36	34	33	31	28	23	13		
4SD 10/8	1.5	2		43	42	40	39	36	33	27	15		
4SD 10/10	1.5	2		50	49	46	44	42	37	30	17		
4SD 10/12	2.2	3		63	61	58	55	53	46	38	21		
4SD 10/14	2.2	3		77	76	70	66	63	55	42	22		
4SD 10/16	3	4		90	89	82	77	74	64	49	26		
4SD 10/18	3	4		100	98	91	88	84	74	59	36		
4SD 10/20	4	5.5		113	110	102	99	98	87	64	40		
4SD 10/22	4	5.5		124	121	114	110	106	95	76	45		
4SD 10/25	5.5	7.5		136	133	125	121	117	105	84	50		
4SD 10/28	5.5	7.5		154	150	141	136	130	116	92	55		
4SD 10/31	7.5	10		172	168	158	152	146	125	100	62		
4SD 10/34	7.5	10	188	184	174	168	160	141	110	66			
			206	202	191	184	175	155	121	72			

4SD 12

Deep well Submersible Pumps

Performance Curves



MODEL	POWER		OUTLET SIZE (DN)	m ³ /h	Flowrate Q												
	kW	HP			0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2			
				l/min	0	30	60	90	120	150	180	210	240	270			
4SD 12/3	0.75	1	2" 50mm	HEAD (M)	19	18	17	16	15	13	11	8	6	2			
4SD 12/4	0.75	1			25	24	23	21	20	17	15	11	8	3			
4SD 12/5	1.1	1.5			32	31	29	28	25	23	19	16	12	6			
4SD 12/6	1.1	1.5			38	37	35	34	30	28	23	19	14	7			
4SD 12/7	1.5	2			46	44	42	39	36	32	28	23	17	9			
4SD 12/8	1.5	2			53	50	48	45	41	37	32	26	19	10			
4SD 12/10	2.2	3			65	63	60	56	52	47	41	35	27	17			
4SD 12/12	2.2	3			78	76	72	67	62	56	49	42	32	20			
4SD 12/14	3	4			90	86	82	78	72	65	57	48	37	22			
4SD 12/16	3	4			103	98	94	89	82	74	65	55	42	25			
4SD 12/18	4	5.5			114	111	106	99	92	83	73	62	47	28			
4SD 12/20	4	5.5			127	123	118	110	102	92	81	69	52	31			
4SD 12/23	5.5	7.5			146	140	133	125	115	103	91	75	57	34			
4SD 12/26	5.5	7.5			165	158	150	141	130	116	103	85	64	38			
4SD 12/29	7.5	10			183	177	170	160	147	132	116	98	75	46			
4SD 12/32	7.5	10	202	195	188	177	162	146	128	108	83	51					

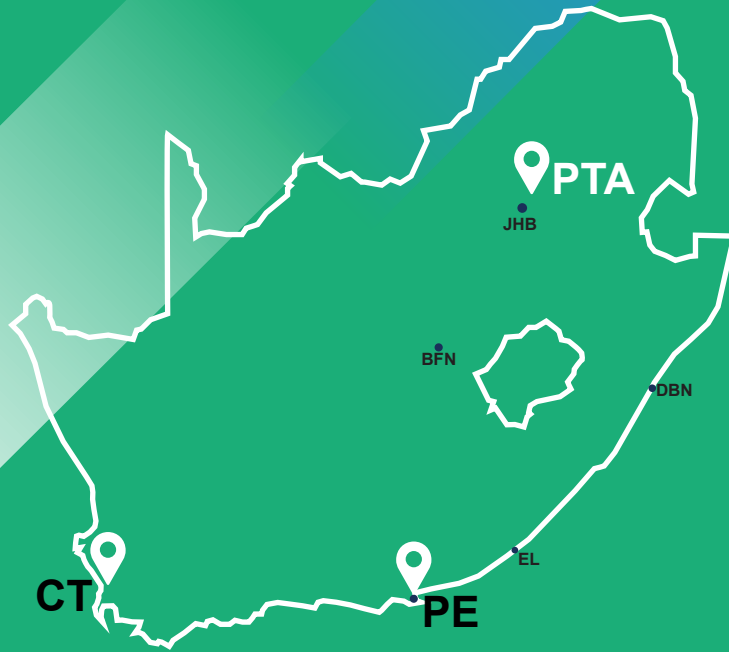
Dimensions & Weight

Pump	Box Size	Weight
CPM130	30.5 X 18.5 X 24.5cm	9.5kg
CPM146	34 X 21.5 X 27cm	11.4kg
CPM158	34 X 21.5 X 27cm	12.9kg
CPM130 + PS01	30 X 26 X 42cm	11.5kg
CPM146 + PS01	35 X 29 X 45cm	13.4kg
CPM158 + PS01	35 X 29 X 45cm	14.9kg
CPW180	39 X 25.5 X 33.5cm	20.7kg
CPW200	39 X 25.5 X 33.5cm	23.1kg
CPW180 + PS01	40 X 30 X 50cm	22.7kg
JETJM-100	48.5 X 22.5 X 23.5cm	15.3kg
JETST-100	40.5 X 22 X 23.5cm	17.5kg
JETJM-100 + PS01	40 X 30 X 50cm	17.3kg
PM45	29 X 17.5 X 20cm	6.3kg
PM80	34 X 19 X 21cm	9.2kg
PM45 + PS01	30 X 25 X 36cm	8.3kg
PM80 + PS01	30 X 25 X 36cm	11.2kg
SCM2-55	42 X 23 X 28cm	25kg
MB200	43.5 X 26 X 30.5cm	25kg

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
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

4" Packs



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