

4WP0 SET

50 Hz



4" SUBMERSIBLE ELECTROPUMPS SET



Made in Italy

4WPO SET



4" submersible electropumps set ready to use. No electrical connection is required, just drop the pump in the well, or in the tank, and attach the electrical plug.

4WPO SET series consists of:

- 4" rewindable oil filled submersible motor 4OM;
- 4" submersible pump 4WP;
- safety rope made in Nylon;
- tangle of electric wire already connected to the pump. The cable is available in various lengths 20, 30 or 50 meters and is homologated ACS, WRAS, KTW;
- C-BOX electrical panel including plug connector.

4OM MOTOR CONSTRUCTION FEATURES

PARTS IN CONTACT WITH WATER in AISI 304 stainless steel.

EXTERNAL SLEEVE AND BOTTOM made in AISI 304L stainless steel.

UPPER BRACKET made in cast iron with cathoporesis treatment and protected with an AISI 304 stainless steel cover.

MECHANICAL SEAL made in graphite/ceramic.

STATOR with 24 slots, specifically developed to achieve maximum electrical yield.

REMOVABLE POWER CABLE-CONNECTOR

SHAFT made in carbon-steel alloys in the rotor area, to foster electrical features. AISI 304 stainless steel projection.

SAND PROTECTION FILTER that stops any impurities that may get in contact with the external face of mechanical seal. This ensures a longer mechanical seal lifetime.

4WP PUMP CONSTRUCTION FEATURES

IMPELLERS floating type made with Noryl® for a superior sand handling.

STRAINER made in stamped 304 stainless steel.

DISCHARGE OUTLET AND NON-RETURN VALVE made in 304 stainless steel.

PUMP SHAFT made in AISI 304 stainless steel.

PUMP SLEEVE made in AISI 304 stainless steel.

C-BOX ELECTRIC PANEL CONSTRUCTION FEATURES

- Box made of thermoplastic insulating material
- On / Off switch
- Externally resettable thermal protection
- Output with cable glands
- IP 54 protection class
- Upon request, it's possible to supply them with plug for power outlet

OPERATING LIMITS

DEGREE OF PROTECTION

IP 68

INSULATION CLASS

F

VOLTAGE TOLERANCE

-10% / +10%

PUMPED LIQUID TEMPERATURE

0°C – 35°C

MIN. COOLING FLOW

0,1 m/s

MAX. STARTS / HOUR

30

MAX. AMOUNT OF SAND TOLERATED IN WATER

150 g/m³

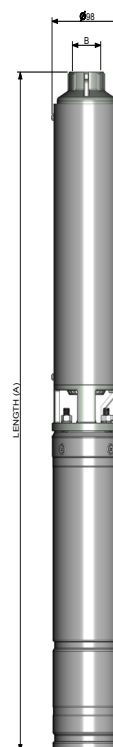
MOUNTING

Vertical and/or horizontal

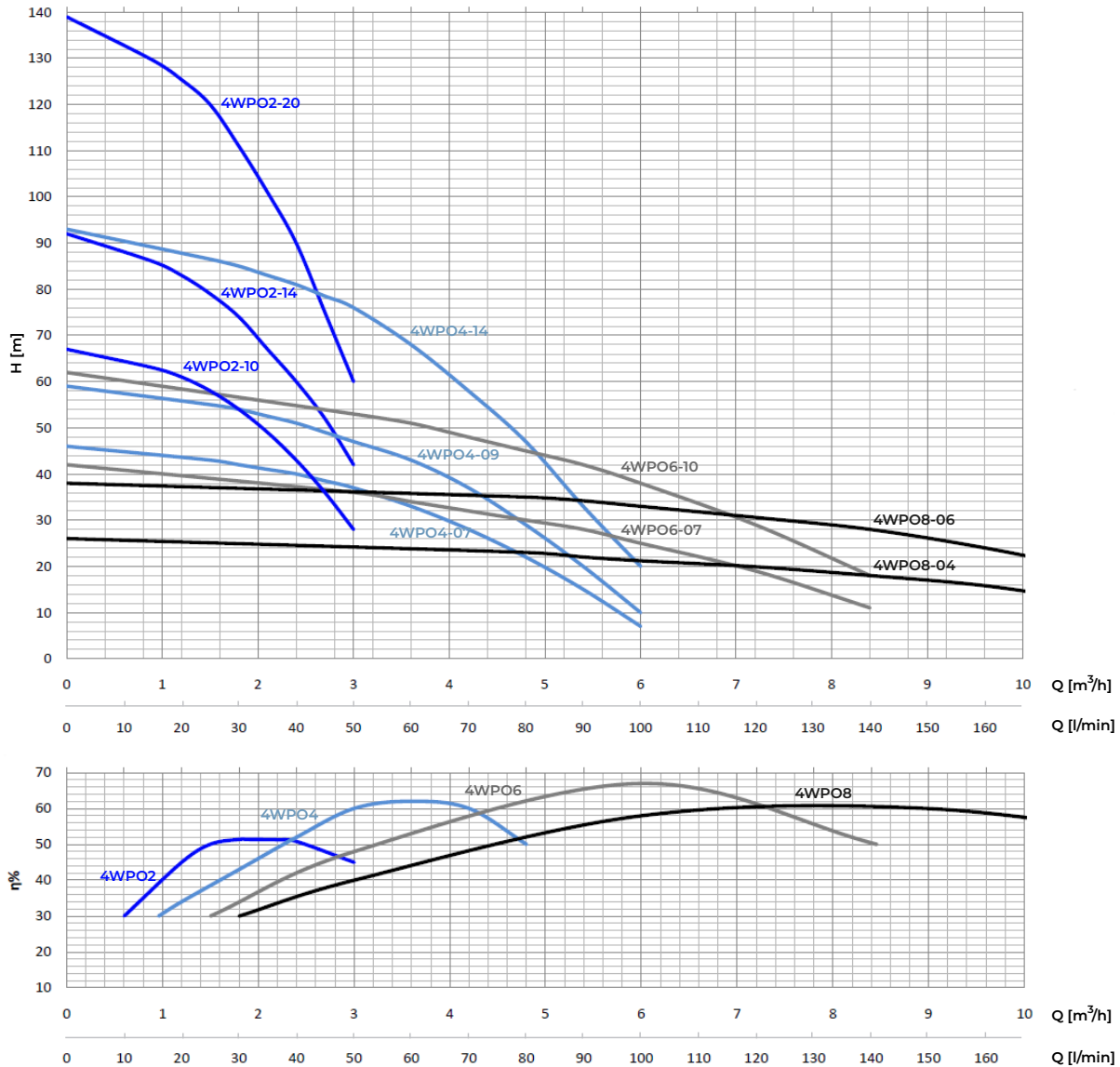
MAX. IMMERSION DEPTH

200 m

DIMENSIONS



PERFORMANCE CURVES 4WPO SET - 50Hz



SELECTION CHART 4WPO SET - 50Hz

Type	Stages	Motor		Q (Flow Rate)																Length A [mm]	Discharge B			
				l/min	0	15	20	25	30	35	40	45	50	60	70	80	90	100	120			140	160	180
		Hp	kW	m ³ /h	0	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3,0	3,6	4,2	4,8	5,4	6,0	7,2			8,4	9,6	10,8
H (Total Head) [m]																								
Single-phase 230 V																								
4WPO2-10	10	0,75	0,55	67	64	61	58	54	49	43	36	28	-	-	-	-	-	-	-	-	-	655,3	1 1/4"	
4WPO2-14	14	1	0,75	92	86	83	79	74	67	60	52	42	-	-	-	-	-	-	-	-	-	750,3		
4WPO2-20	20	1,5	1,1	139	131	127	120	111	101	90	75	60	-	-	-	-	-	-	-	-	-	885,3		
4WPO4-07	7	0,75	0,55	46	-	-	43	42	41	39	38	36	33	28	22	15	7	-	-	-	-	632,3		
4WPO4-09	9	1	0,75	59	-	-	55	54	52	51	49	47	43	37	28	20	10	-	-	-	-	700,3		
4WPO4-14	14	1,5	1,1	93	-	-	87	86	83	81	79	76	68	58	47	33	20	-	-	-	-	838,3		
4WPO6-07	7	1	0,75	42	-	-	-	-	-	-	-	36	34	32	60	28	25	19	11	-	-	746,3	2"	
4WPO6-10	10	1,5	1,1	62	-	-	-	-	-	-	-	53	51	48	45	41	38	29	18	-	-	869,3		
4WPO8-04	4	1	0,75	26	-	-	-	-	-	-	-	-	-	-	23	22	21	20	18	16	12	9		650,3
4WPO8-06	6	1,5	1,1	38	-	-	-	-	-	-	-	-	-	-	35	34	33	31	28	24	19	4		742,3



PLUG & PLAY



SIMPLY RELIABLE



TECHNOLOGY FOR YOUR WELL PUMPING SYSTEM



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