

4" complete submersible pump, made of ZDS hydraulic part, Franklin single-phase encapsulated PSC water-cooled motor, supply cable in different lengths and ZDS CBH electrical start panel (which includes start and run capacitor).



HYDRAULIC PART

QS4P technopolymer or QS4X stainless steel ZDS hydraulic part, with floating ring technology and reinforced impeller.
Great reliability with the integrated non-return valve.
Special design and selected materials to ensure optimal resistance against sand and other abrasives.
Improved impellers design, which requires less starting torque to the motor.

MOTOR

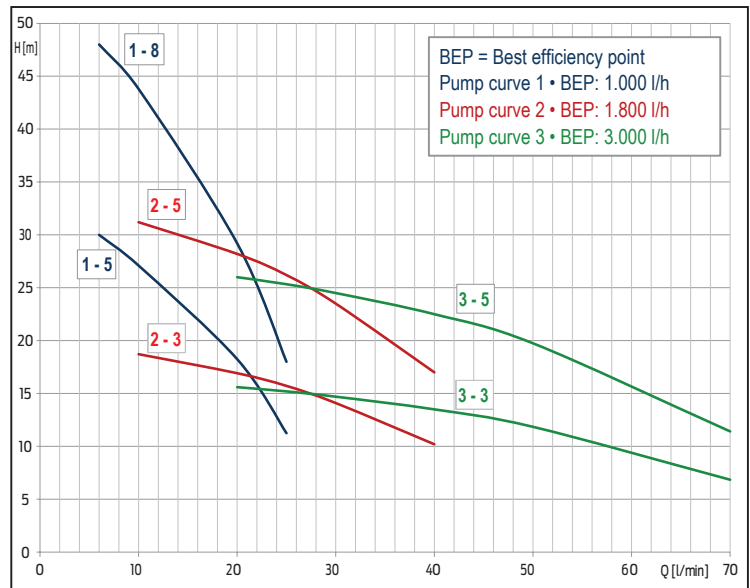
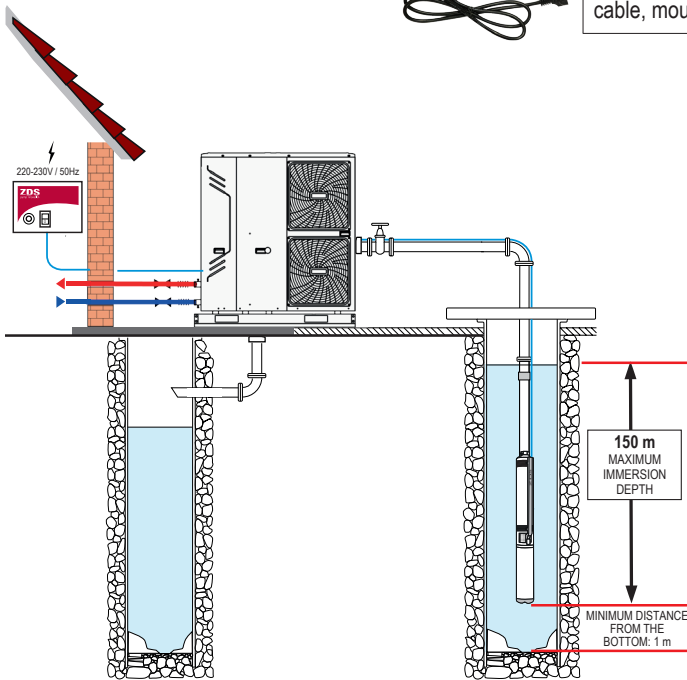
2 pole asynchronous single-phase PSC encapsulated water-cooled Franklin motor.
Axial and radial water-lubricated bearings.
Hermetically resin sealed stator.
Pre-filled with non-contaminating antifreeze lubricant liquid.
Removable lead connector.
Supply cable according to drinking water regulations (ACS), available in different lengths.

TECHNICAL SPECIFICATIONS

Power range:	0,25 kW
Voltage range:	1x220 - 230V / 50 Hz
Voltage tolerance 50Hz from nominal:	+6% / -10% U _N
Degree of protection:	IP 68
Insulation:	Cl. B
Rated ambient temperature:	max 30° C
Required cooling flow:	min 8 cm/sec
Maximum quantity of suspended sand:	120 g/m ³
Maximum starts/h:	20, equally distributed
Mounting:	vertical/horizontal
Maximum immersion depth:	150 m
Allowed range of water PH:	6,4 - 8,0
Outlet diameter:	1" 1/4 G-F
Maximum delivery (Q):	4.200 l/h
Maximum head (H):	50 m

CBH - Electric start panel

Motor start and operation system with capacitor, equipped with thermal amperometric protection against current overload, ON/OFF illuminated switch, terminal box, cable glands, power supply cable, mounting accessories.



220-230 V	Model	Power		P.C.*	C.C.**	Hydraulic performance (n~2.850 min ⁻¹)											Cable 1,5 m		Cable 15 m		Cable 30 m	
		kW	HP			ln (A)	m ³ /h	0	0,36	0,6	1,2	1,5	1,8	2,4	3	4,2	CODE	CODE	CODE			
Upper head and lower support in STAINLESS STEEL	X.1-5.H3H	0,25	0,33	366	2	31,4	30	27,8	18,3	11,3							196100105	196100105L	196100105L1			
	X.1-8.H3H	0,25	0,33	480	2,3	50,2	48	44,4	29,2	18							196100108	196100108L	196100108L1			
	X.2-3.H3H	0,25	0,33	366	2	19,2		18,7	16,9	15,7	14,1	10,2					196100203	196100203L	196100203L1			
	X.2-5.H3H	0,25	0,33	480	2,3	32		31,2	28,2	26,2	23,5	17					196100205	196100205L	196100205L1			
	X.3-3.H3H	0,25	0,33	400	2,1	16,7			15,6	15,2	14,7	13,5	11,9	6,9			196100303	196100303L	196100303L1			
Upper head and lower support in TECHNOPOLYMER	P.1-5.H3H	0,25	0,33	366	2	31,4	30	27,8	18,3	11,3							196101105	196101105L	196101105L1			
	P.1-8.H3H	0,25	0,33	480	2,3	50,2	48	44,4	29,2	18							196101108	196101108L	196101108L1			
	P.2-3.H3H	0,25	0,33	366	2	19,2		18,7	16,9	15,7	14,1	10,2					196101203	196101203L	196101203L1			
	P.2-5.H3H	0,25	0,33	480	2,3	32		31,2	28,2	26,2	23,5	17					196101205	196101205L	196101205L1			
	P.3-3.H3H	0,25	0,33	400	2,1	16,7			15,6	15,2	14,7	13,5	11,9	6,9			196101303	196101303L	196101303L1			

*Power consumption **Current consumption