



3" Submersible Pump

3SP Anti Sand Series
3" Anti Sand Floating Impeller

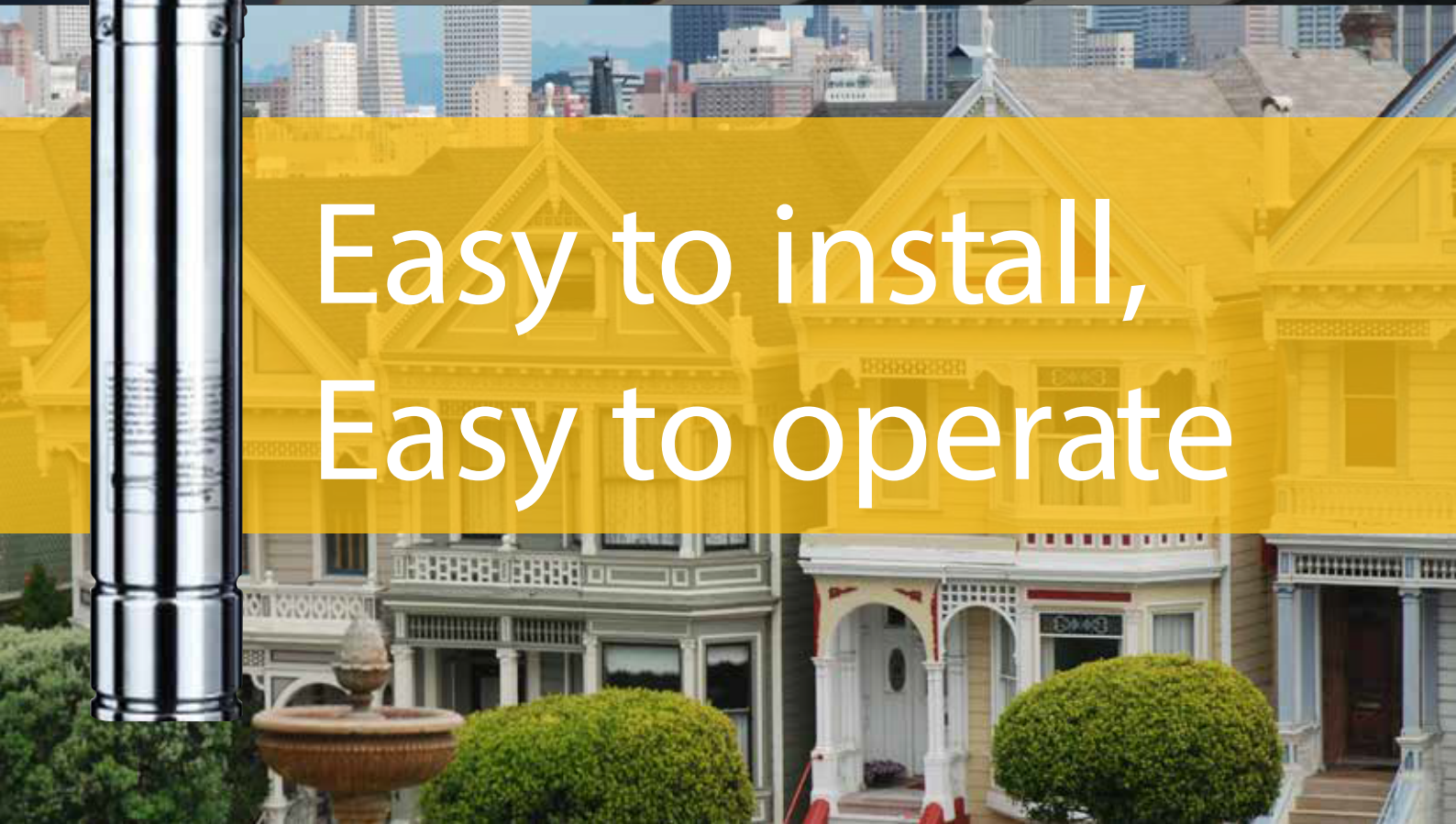
MCKARLEN



3SP Series

3SP is a 3" deep well submersible pumps, artesian wells pump mounted on 4" wellbore. These pumps are very easy to install and operate. Also able to transfer water with sand content of 1%. It features floating Impeller with 2850 rpm.

PART	MATERIAL
Casing	AISI 304 SS / 201SS
Strainer	AISI 304 SS / 201SS
Diffuser	Polycarbonate
Impeller	POM
Shaft	AISI 304 SS / 2Cr13
Shaft Coupling	AISI 304 SS / 201SS
Wear Ring	Rubber
Motor External Casing	AISI 304 SS
Mechanical Seal	Carbon-Sic/TC



Easy to install,
Easy to operate

Technical Data

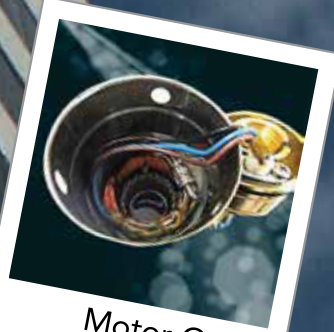
- Nominal voltage range: 1x200-415V
- Max. acceptable media temp: 35 °C
- Pump diameter: 3 inch
- Minimum well diameter: 3 inch
- Materials (Stainless steel): AISI 304
- The pump can be installed vertically or horizontally

applications

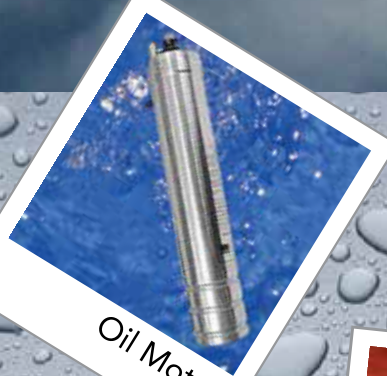
- Water supply
- Reservoir
- Small water works
- Irrigation systems
- Industrial application



Chamber Bearing



Motor-Open



Oil Motor



Shaft & Rotor



POM Impeller



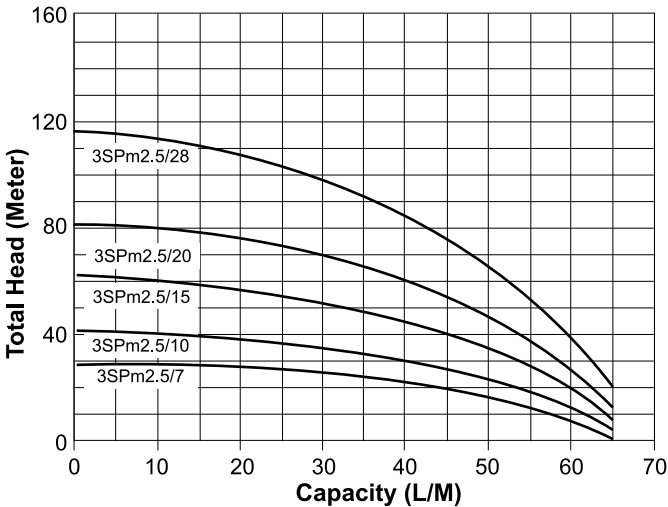
Chamber Cpl SP



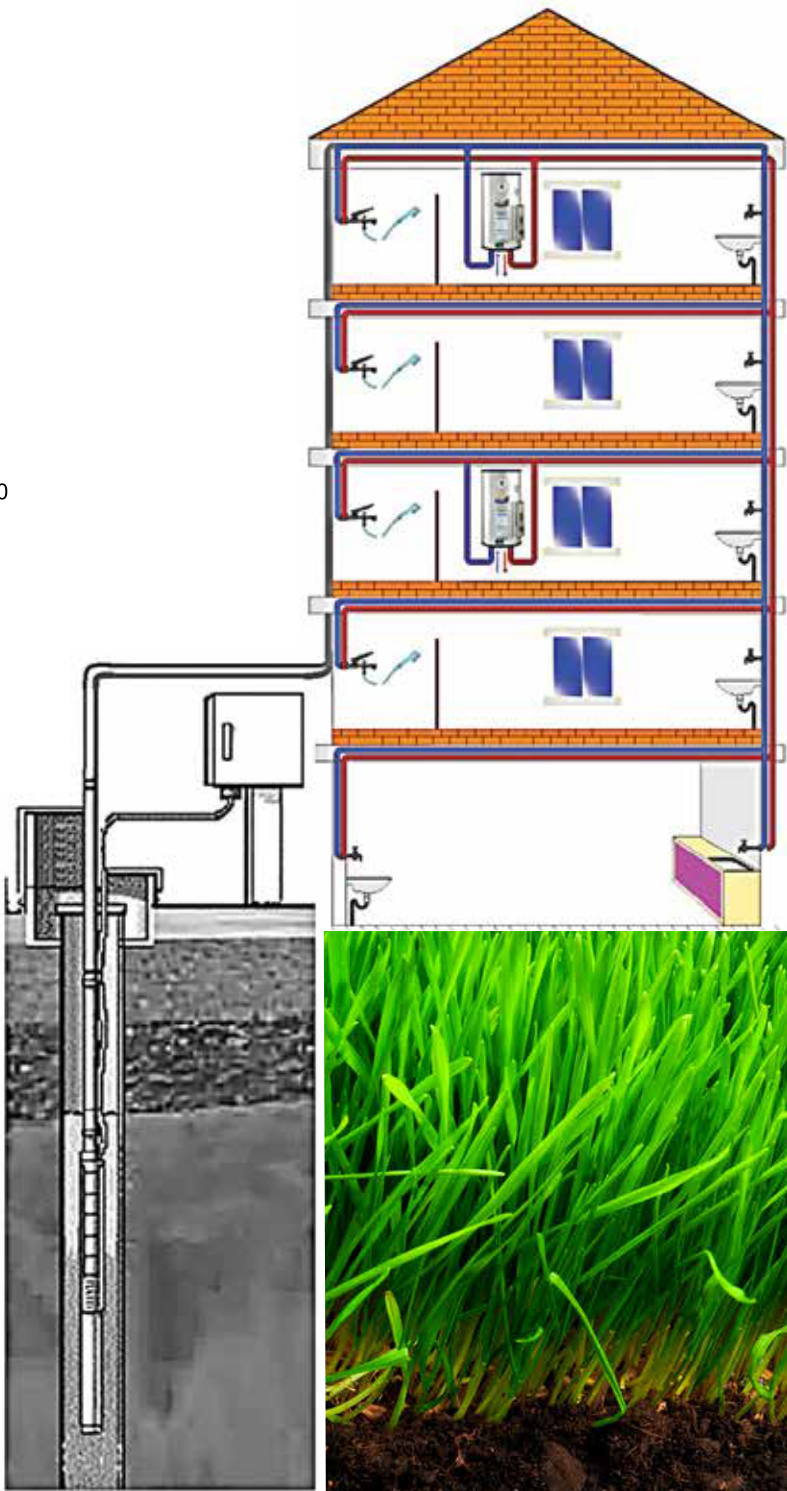
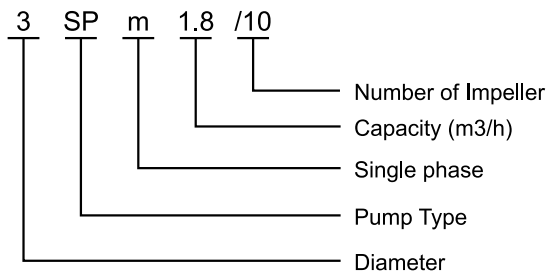
Control Box

performance & curves

Type		Motor		Q (Debit)	m³/h	0	1.2	1.8	2.1	2.4	3
1 Phase 220V/240V	3 Phase 380V/415V	kW	HP		L/M	0	20	30	35	40	50
3SPm2.5/7	3SP2.5/7	0.3	0.3	TOTAL HEAD (meter)		29	25	23	22	21	16
3SPm2.5/10	3SP2.5/10	0.4	0.5			42	38	35	33	31	24
3SPm2.5/15	3SP2.5/15	0.6	0.8			63	58	53	50	47	35
3SPm2.5/20	3SP2.5/20	0.8	1			83	77	70	66	62	47
3SPm2.5/28	3SP2.5/28	1.1	1.5			117	108	98	92	87	66



Type of key



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