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FOUNTAIN



INDUSTRIAL



LIVESTOCK
WATERING



IRRIGATION
SYSTEM



AGRICULTURE



DOMESTIC
WATER SUPPLY

APPLICATION

CPSF4

OIL FILLED MOTOR

COSMO DWC LLC

OIL FILLED SERIES



SILENT FEATURES

- Easy to Dismantle and repair
- Available From 0.5 HP to 2.0 HP in Single Phase

SPECIAL OPTIONS

- Complete Body SS 304 Construction Special
Construction Option for Corrosive Application.

FEATURES

- Suitable for 100 mm bore well.
- Stainless Steel High Strength Shaft.
- Available in Capsule Couple and Spline Couple.
- Highly Lubricant Oil Filled Motor
- Stainless Steel High Strength Shaft
- Enameled Winding Wire
- Anti-Friction Ball Bearings With Long Life
- Pressure Equalizing Spring Loaded Diaphragm
- Suitable To NEMA Dimensions
- Available In IP68 With Mechanical Seal
- CED Coated Motor Assembly

TECHNICAL DETAILS

Nominal Diameter		4" Motor (100 mm)
Max. Outer Diameter		97 mm
Power Range	1Ph	0.37 kW to 1.5 kW Single Phase
Speed		2880 RPM
Voltage range	1Ph	Single Phase 180-230 V, 50 Hz, A.C Supply
Class of Insulation		F
Degree of protection		IP 68
Direction of rotation		Anti-Clock wise
Type of duty		S1 (Continues)
Minimum cooling flow		0.15 m/sec
Max. Liquid Temp.		33° C
Starts per hour		20 Times
Method of starting		Single Phase - Capacitor Run
Cable lead out type		3 Core Flat Cable

TECHNICAL DATA

4" 1Phase 230V, 50Hz OIL Filled Motor											
kW	HP	Full load Rated Ampere	Starting Current (Amp.)	Full load Ampere	Efficiency %	Power Factor	Max. Down thrust Load (N)	Cable Size (sq. mm)	Cable Length (Meter)	Height (mm)	Net Weight (kg)
0.37	0.5	5	9.12	4.4	43	0.63	3000	1.5	2.75	396	10
0.55	0.75	6.2	11.80	5.9	45	0.64	3000	1.5	2.75	416	10.8
0.75	1	7.5	12.40	6.2	50	0.64	3000	2.5	2.75	426	12.9
1.1	1.5	9.5	16.70	8.57	53	0.65	3000	2.5	2.75	466	14.4
1.5	2	12.5	23.00	12	56	0.66	3000	2.5	2.75	551	16.75