

Franklin electric 4" motors (water cooled) and cable tails for ES4

Applications

Domestic applications for 4" or larger water wells.

Motor

Water cooled encapsulated PSC motors.
Class B insulation.

IP 68 protection.

4" NEMA flange.

Rotation: CCW facing shaft end on single phase the motor is connected to only one capacitor which works permanently as start and run capacitor.

Voltage available:

1~ 230 V

3~ 230 V

3~ 400 V

Benefits

Non contamination, water filled design.

Hermetically sealed stator.

Anti track, self healing stator resin

prevents motor burn out.

Limitations

Maximum liquid temperature 30 °C.

Starts: 20 per hour

Frost protection to – 15 °C.

Accessories

Cable tails to suit Franklin Motors

1.5m long.

2.5m long.

2.5m long c/w stainless steel connector.

Motor shrouds (Horizontal mounting)

4" Cooling shroud.

4" Support Feet.

4" Filter.



4" 230 V Single phase water cooled c/w lead

Model	I [A]	P2		Cable section in [mm ²]					Code
		[kW]	[HP]	4x1.5	4x2.5	4x4	4x6	4x10	
4" PC Franklin motor 230 V 1PH	3.2	0.37	0.5	120	200	320	480	810	00830009
4" PC Franklin motor 230 V 1PH	4.1	0.55	0.75	80	130	220	320	550	00830011
4" PC Franklin motor 230 V 1PH	5.4	0.75	1	60	100	170	250	430	00830013
4" PC Franklin motor 230 V 1PH	8.1	1.1	1.5	40	70	120	180	300	00830015
4" PC Franklin motor 230 V 1PH	10.2	1.5	2	30	60	90	130	230	00830017
4" PC Franklin motor 230 V 1PH	15.2	2.2	3	20	40	60	90	150	00830019

4" 400 V Three phase water cooled c/w lead

Model	I [A]	P2		Cable section in [mm ²]					Code
		[kW]	[HP]	4x1.5	4x2.5	4x4	4x6	4x10	
4" PC Franklin motor 400 V 3PH	1.1	0.37	0.5	810	1350	2160	3240	5500	00830010
4" PC Franklin motor 400 V 3PH	1.6	0.55	0.75	550	920	1480	2230	3780	00830012
4" PC Franklin motor 400 V 3PH	2.1	0.75	1	410	680	1090	1640	2780	00830014
4" PC Franklin motor 400 V 3PH	3	1.1	1.5	300	500	810	1210	2060	00830016
4" PC Franklin motor 400 V 3PH	4	1.5	2	220	370	590	880	1500	00830018
4" PC Franklin motor 400 V 3PH	5.9	2.2	3	150	250	400	600	1030	00830020
4" PC Franklin motor 400 V 3PH	7.8	3	4	110	190	310	460	790	00830023
4" PC Franklin motor 400 V 3PH	9.1	3.7	5	80	140	230	340	590	00830024
4" PC Franklin motor 400 V 3PH	10	4	5.5	80	140	230	340	590	00830021
4" PC Franklin motor 400 V 3PH	13.7	5.5	7.5	60	110	170	260	440	00830025