6” BOREHOLE MOTOR
Water Filled 380 & 525V

MOTOR TECHNICAL DATA

Winding wire:	Polywrapped / PVC winding available on specific demand
Degree of protection:	IP68
Maximum water temperature:	35°C
Maximum starts per hour:	10 - 30 depending on kW size
Allowable voltage variation:	+6% - 10%
Motor shaft:	Stainless steel
Stator shell:	Stainless steel
Maximum immersion depth:	350m
Mounting:	Vertical/Horizontal
Motor cable length:	3m/3 Core with separate earthcable and 4 Core
Cooling flow:	V=0.2 m/s
Coolant:	Clear water

Stator replaceable

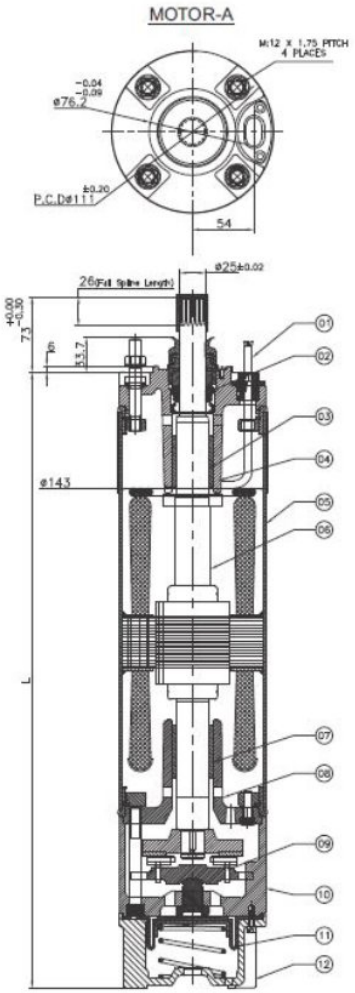
MOTOR TECHNICAL DATA

Three phase 5.5kW - 37.5kW



TECHNICAL DATA

NO.	PART NAME	MATERIAL
1	Cable 3 Core/ 4 Core	EPR
2	Mech/Seal	Ceramic/Carbon
3	Bearing Bush	Carbon
4	Upper Housing	Cast Iron
5	Motor Shell	S.S.304
6	Rotor Shaft	S.S.431
7	Bearing Bush	Carbon
8	Lower Housing	Cast Iron
9	Thrust Bearing Set	Carbon/S.S.420
10	Lower Part-2	Cast Iron
11	Pressure Cup	H.B.R.
12	Motor Base	Cast Iron
13	All Hardware	S.S.304



Motor specifications

MOTOR POWER		PWL C.I.	PWL S.S.	WEIGHT (MOTOR ONLY)		WEIGHT (INCL PACKAGING)	
(kW)	(HP)	(mm)	(mm)	S.S. 304 (kg)	Cast Iron (kg)	S.S. 304 (kg)	Cast Iron (kg)
5.5	7.5	747	727	46.0	49.0	51.2	54.2
7.5	10	777	757	50.0	54.0	54.2	57.8
9.3	12.5	803	787	53.0	59.0	56.8	63.0
11	15	847	827	61.0	63.0	64.8	66.6
13	17.5	897	877	64.0	67.0	67.7	70.7
15	20	937	917	70.0	71.0	74.6	75.2
18.5	25	992	972	76.0	80.0	79.8	83.5
22	30	1067	1047	90.0	90.0	94.2	94.3
26	35	1127	1107	94.0	97.0	98.0	101.
30	40	1247	1227	102.0	100.0	108.0	105.0
37.5	50	1347	1347	127.5	125.5	133.5	130.5