

Power of Water Motion

Submersible pumps components

Technical data sheet for SPICO

April 09



Electric Motors Components

Motors for Submersible Pumps

4" Water

Figure	90.50 - Stator 18 slot - Rotor 22 slot - internal diam. 20/30 mm								
Fusion	Single-phase					Three-phase			
	ref	kw	Hp	H stator	Int.d.	kw	Hp	H stator	Int.d
Aluminium		0,25	0,35	70	20				
		0,37	0,50	90	20				
		0,55	0,75	120	20				
		0,75	1,0	150	20				
		1,1	1,5	190	20				
		1,5	2,0	250	20				
Copper		2,2	3,0	330	30				
						3,0	4,0	270	30
						4,0	5,5	350	30
						5,5	7,5	460	30
						7,5	10	600	30

Color code

	Metra can produce lamination and die casting. No winding (manual), Electrical projects not available
	Metra can produce lamination . No die casting (copper), no winding (manual), Electrical projects not available

Motors for Submersible Pumps

4" Oil

Figure	90.47 - Stator 24 slot - Rotor 18 slot – internal diam. 20 mm									
Fusion	Single-phase					Three-phase				
	Ref	Kw	Hp	H stator	Int.d.	Ref	kw	Hp	H stator	int.d
Aluminium	1	0,37	0,50	80	20	7	0,37	0,50	70	20
	2	0,55	0,75	90	20	8	0,55	0,75	80	20
	3	0,75	1,0	120	20	9	0,75	1,0	90	20
	4	1,1	1,5	160	20	10	1,1	1,5	120	20
	5	1,5	2,0	190	20	11	1,5	2,0	160	20
	6	2,2	3,0	250	20	12	2,2	3,0	190	20
Copper							3,0	4,0	270	20
							4,0	5,5	300	20
							5,5	7,5	370	20
							7,5	10	450	20

Color code

	Metra can produce lamination, die casting and winding . Electrical projects available.
	Metra can produce lamination and winding. No die casting (copper). Electrical projects not available

Motors for Submersible Pumps

6" Water – Pvc

135.70	Diameter Motor 143 mm - Stator 24 slot, sec.160 mm ²			
	Rotor 18 slot internal Diameter 30 or 45 mm			
Fusion	Three-phase			
Copper	kw	Hp	H stator	Int.d.
	1,5	2,0	70	30
	2,2	3,0	100	30
	3,0	4,0	120	30
	4,0	5,5	140	30
	5,5	7,5	160	30
	7,5	10,0	190	30
	9,2	12,5	250	45
	11,0	15,0	295	45
	13,0	17,5	325	45
	15,0	20,0	390	45
	18,5	25,0	455	45
	22,0	30,0	545	45
	26,0	35,0	640	45
	30,0	40,0	755	45
37,0	50,0	910	45	

Color code

No Lamination , die casting and winding (manual),
Electrical projects not available

Motors for Submersible Pumps

6" Oil

135.70		Diameter Motor 143 mm - Stator 24 slot, sec. 87 mm ²			
		Rotor 28 slot sec. 33 mm ² internal Diameter 30-45 mm			
Fusion		Three-phase			
Aluminium	Ref	kw	Hp	H motors	Int.d.
	13	1,5	2,0	70	30
	14	2,2	3,0	100	30
	15	3,0	4,0	120	30
	16	4,0	5,5	140	30
	17	5,5	7,5	160	30
Copper		7,5	10,0	190	30
		9,2	12,5	250	45
		11,0	15,0	295	45
		13,0	17,5	325	45
		15,0	20,0	390	45
		18,5	25,0	455	45
		22,0	30,0	545	45
		26,0	35,0	640	45
		30,0	40,0	755	45
		37,0	50,0	910	45

Color code

	Metra can produce lamination, die casting and winding . Electrical projects available.
	Metra can produce lamination and winding. No die casting (copper). Electrical projects not available