



6" Water Filled Submersible Motors

Type INT 6

**Water cooled motors with encapsulated resin filled stator.
Coupling dimensions and flange according to NEMA standard.**

MOTOR TECHNICAL FEATURES

- Motor casing and shaft made of stainless steel
- High resistance coated cast iron upper and lower bracket
- Water lubricated Kingsbury type thrust bearings
- Standard mechanical seal SiC-SiC type
- Sand slinger protection
- Pressure equalizing diaphragm
- Insulation class F, protection IP68
- Removable cable connector 4 m long
- Starting method for motors: D.O.L. and star/delta

OPERATING LIMITS

- Maximum voltage fluctuation admissible vs. nominal rated voltage: $\pm 10\%$
- Maximum water temperature: 35 °C with at least 0.16 m/s of water flow speed
- Maximum motor startings per hour: 20 for D.O.L. type
- Maximum immersion depth: 350 m
- Standard mounting position: vertical and horizontal



OPERATING DATA

THREE PHASE												
Type	Thrust Load N	Weight Kg	H mm	kW	Hp	Volt V	In Amp	Speed min ⁻¹	CosØ	EFF%	Ts/Tn PSC	
380/415V	INT6 550	7500	36	4	5.5	380	9.5	2810	87.48	75.14	2.944	
	INT6 550					400	9.1	2830	85.46	76.68		
	INT6 550					415	8.9	2840	83.95	76.84		
	INT6 750	7500	41	5.5	7.5	380	12.5	2820	87.38	79.05	2.072	
	INT6 750					400	12.0	2840	85.83	79.06		
	INT6 750					415	11.7	2860	84.24	79.69		
	INT6 1000	15500	49	7.5	10	380	17.8	2800	85.06	77.67	1.459	
	INT6 1000					400	17.6	2820	82.10	76.86		
	INT6 1000					415	17.4	2840	79.22	77.46		
	INT6 1500	15500	56	11	15	380	25.6	2810	87.42	76.99	0.984	
	INT6 1500					400	24.6	2830	84.82	77.98		
	INT6 1500					415	24.2	2850	82.03	78.64		
	INT6 2000	15500	64	15	20	380	34.0	2810	88.54	77.87	0.713	
	INT6 2000					400	32.8	2830	86.35	78.61		
	INT6 2000					415	32.3	2850	83.84	79.12		
	INT6 2500	15500	72	18.5	25	380	41.0	2810	88.85	79.25	0.560	
	INT6 2500					400	39.5	2830	86.80	79.92		
	INT6 2500					415	39.0	2850	84.41	80.28		
	INT6 3000	15500	83	22	30	380	46.0	2820	90.24	83.10	0.526	
	INT6 3000					400	44.0	2830	88.95	83.73		
	INT6 3000					415	43.0	2840	87.55	83.77		

* Dimensional details are provided for reference only.

* All specifications are subject to change without prior notice.



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