

TECHNICAL DATA

IF12100/6-345

Date 8/21/2014

Series IF

MOTOR SPECIFICATIONS

Motor Design	Oil Filled
Applications	Waste Water
Insulation Class	Class F
Maximum Liquid Temp	0-40 C (32 - 104 F)
Frequency	60 HZ
RPM	1180

PUMP & MOTOR DATA

Impeller	Closed, 2 Blades
Solid	4"
Discharge	12"
Motor	6 Pole
Hp	100 Hp
Phase	3
Cable	VCT or SJOW/SOW 50 Ft
Protection	Moisture Sensor & Thermal Overloads

MATERIALS OF CONSTRUCTION

Volute	ASTM-A48-CL-30
Impeller	ASTM-A48-CL-30
Main Shaft	410 SS
Wear Ring	Bronze
Handle	304 SS
Mechanical Seal	Upper Carbon-Ceramic
	Lower Carbon-Ceramic

DIMENSIONS, WEIGHT

Pump weight	2645 lbs.
Maximum Submergence	100 Ft
Optional	

Model	IF12100/6-345			3 Ph	3 Ph	3 Ph
				230	460	575
Amps					125	