

# TECHNICAL DATA

IF420/4-270

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	1750

## PUMP & MOTOR DATA

Impeller	Closed, 1 Blade
Solid	3"
Discharge	4"
Motor	4 Pole
Hp	20 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	540 lbs.
Maximum Submergence	100 Ft
Optional	

Model	IF420/4-270			3 Ph	3 Ph	3 Ph
				230	460	575
Amps				60	30	