

TECHNICAL DATA

AF

Date 12/22/15

Series 80AFE43.7

MOTOR SPECIFICATIONS

Motor Design	Air Filled
Applications	Waste Water
Insulation Class	Class F
Maximum Liquid Temp	0-40 C (32 - 104 F)
Frequency	60 HZ
RPM	1710

PUMP & MOTOR DATA

Impeller	Enclosed
Solid Size	3"
Discharge	3"
Motor	4 Pole
KW /Hp	3.7 / 5 HP
Phase	3
Cable	VCT or SJOW/SOW 33 Ft
Protection	Auto-Cut

MATERIALS OF CONSTRUCTION

Motor Housing	FC-200
Impeller	FC-200
Volute	FC-200
Rotor	SUS 403
Hardware	316 SS
O-Rings	BUNA"N"
Upper Bearing	Roller Bearing
Lower Bearing	Roller Bearing
Mechanical Seal	Silicon/Silicon
	Carbon /Ceramic

DIMENSIONS, WEIGHT

Pump weight	165 LBS
Maximum Submergence	100 Ft
Optional	

Model	80AFE43.7	1Ph	1Ph	3 Ph	3 Ph	3 Ph
		115	230	230	460	575
Amps				14.6	7.3	