

TECHNICAL DATA

AG

Date 12/22/15

Series 100AGN27.5

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	3450

PUMP & MOTOR DATA

Impeller	Enclosed Channel
Solid	0.5
Discharge	4"
Motor	2 Pole
KW /Hp	7.5 / 10 HP
Phase	3
Cable	VCT or SJOW/SOW 33 Ft
Protection	Auto Cut

MATERIALS OF CONSTRUCTION

Motor Housing	FC200
Impeller	HICR
Waer Ring	HICR
Rotor	SUS420J2
Casing	SUS304
O-Rings	BUNA"N"
Bearing	Roller Bearings
Agitator	FCD-700
Mechanical Seal	Lower Silicon/Silicon
	Upper Carbon /Ceramic

DIMENSIONS, WEIGHT

Pump weight	163 LBS
Maximum Submergence	100 Ft
Optional	

Model	100AGN27.5	1Ph	1Ph	3 Ph	3 Ph	3 Ph
		115	230	230	460	575
Amps				25.6	12.8	10.3