

Pump Data Sheet

2" Nominal Discharge
0.23-0.27" Solid Size
2-poles; 3450 RPM



Open Multi -Vane Impeller With Cutter

Model
GRP

Page 1 of 1

Electrical Data

Curve Number	Model Number	Voltage	Phase	Max. B.H.P.	AMPS F.L.	AMPS LR.	Power Factor	Motor Eff. (%)	Cable Size	Cable O.D. (mm)
1	GRP16/1*	230	1	1.6	8.0	27.0	0.97	69	7G1.5	17
2	GRP21/1	230	1	1.4	8.0	27.0	0.97	69	7G1.5	17
3	GRP26/1	230	1	2.4	12.0	43.0	0.98	70	7G1.5	17
4	GRP36/1	230	1	4.0	20.0	90.0	0.98	77	7G1.5	17
5	GRP41/1	230	1	4.4	20.0	90.0	0.98	77	7G1.5	17

* Thermal Switches internally connected

Motor Construction

Motor Type	Enclosed submersible
NEMA Insulation Code	Class F
Service Factor	1.15
NEMA Design Letter	B
Standard Cable Length	30 ft
Available Motor Voltages	1 Phase: 115V, 230V
Thermal Sensors embedded in Windings	Included in all Pumps. Must be wired into Control Panel to validate Warranty.
Optional Explosion Proof Construction	Class I, Div 1, Groups C & D – Factory mutual approved

Single Phase Units require Star/Run Capacitors.

Standard Material Of Construction

Motor Housing	Cast Iron ASTM A48; Class 40B
Volute	Cast Iron ASTM A48, Class 40B
Impeller	Cast Iron ASTM A48, Class 40B
Grinder Assembly	Hardened Stainless Steel 58 – 62 Rockwell C
Shaft	AISI 430F Stainless Steel
Mechanical Seal – Impeller Side	Silicon Carbide vs Silicon Carbide
Mechanical Seal – Motor Side	Silicon Carbide vs Silicon Carbide
Mechanical Seal – Motor Side	Lip Seal
Fasteners	AISI 304 Stainless Steel
O-Rings	Nitrile Rubber
Upper Bearing (GRP16-41)	Deep Groove Ball Bearing
Lower Bearing (GRP26/36/41)	Double Row Angular Ball Bearing
Lower Bearing (GRP16/21)	Deep Groove Ball Bearing
Power Cable Sheathing	Nitrile Rubber

Please see Technical Section of Catalogue for additional Information

PTI reserves the Right to change Product, Material or Design Data as required without Notification.