

Grinder Pump SWG1132 0.75 kw (Single Phase-1HP-32mm Delivery)

Pump:

Size:	32 NB	Dimensions:	
Type:	Centrifugal	Cutter Dia:	44 mm
Synch Speed:	3000 rpm	Discharge:	32 NB
Dia:	120 mm		
Curve:	---		
Impeller:	Channel		
Specific Speeds:			

Fluid:

Name:	Water	Vapor Pressure:	1.77 kPa a
SG:	1	Atm Pressure:	101 kPa a
Density:	999 kg/m ³		
Viscosity:	1.1 cP		
Temperature:	15.6 °C	Margin Ratio:	1

Search Criteria:

Flow:	Upto 4 lps	Near Miss:	---
Head:	12 to 5 m	Static Head:	0 m

Pump Limits:

Temperature:	40.°C	Sphere Size:	Cutter
		Power:	740 w

Pump Selection Warnings:

Performance Subjected to ISO 9906 GR3B-2012
Performance Curve



Projected Image



Motor:

Rated voltage	230 V
Frequency	50 Hz
Motor phases	1~
Number of poles	2
Rated power P2	0.74 kW
Incoming power P1	1.20 kW
Rated current	5.50 A
rpm	2900 1/min
cos φ	0.95
Rated torque	2.4 Nm
Start	10 per day
Degree of protection	IP 68
Insulation class	H
Cable - 1.5mm Sq x 3 - 10 Mtr	H07RNF

Construction Material

Top cover	Stainless Steel 304
Body	Stainless Steel 304
Shaft	Stainless steel - AISI 431
Pump casing	EN-SGI 500/7
Intermediate housing	EN-SGI 500/7
Impeller	EN-SGI 500/7
Painting/Coating	Bi-epoxy 120 μm
Screws	Stainless steel - Class A2-70
Gaskets	NBR
Foot base (if present)	EN-SGI 500/7
Cutter	High chrome 27%
Cutting wear plate	High chrome 27%

Updated - 12-03-2021

INDRA HYDRO TECH PUMPS PVT LTD

No.85/M, Ground Floor, Industrial Suburb, 2nd Stage Gautham Nagar, Tumkur Road
Yeshwanthpur, Bangalore 560 022, Karnataka, INDIA

Tel. : +91 80 4163 5638, Mobile: +91 94835 26899 / 80736 22800

Email : sales@ihpumps.in, Web : www.ihpindia.in | www.ihpumps.in

Grinder Pump SWG11132 (Single Phase-1.5HP-32mm Delivery)

Pump:

Size:	32 NB	Dimensions:	
Type:	Centrifugal	Cutter Dia:	44 mm
Synch Speed:	3000 rpm	Discharge:	32 NB
Dia:	120 mm		
Curve:	---		
Impeller:	Channel		
Specific Speeds:			

Fluid:

Name:	Water	Vapor Pressure:	1.77 kPa a
SG:	1	Atm Pressure:	101 kPa a
Density:	999 kg/m ³		
Viscosity:	1.1 cP		
Temperature:	15.6 °C	Margin Ratio:	1

Search Criteria:

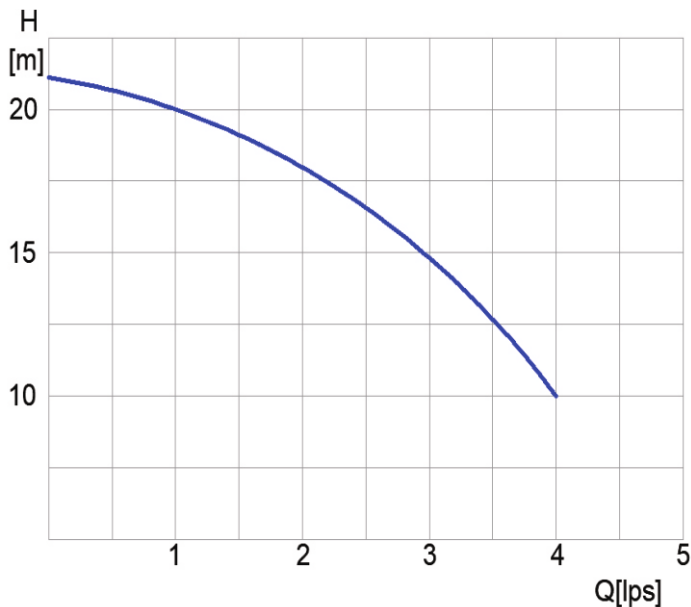
Flow:	Upto 4 lps	Near Miss:	---
Head:	12 to 10 m	Static Head:	0 m

Pump Limits:

Temperature:	40.°C	Sphere Size:	Cutter.
		Power:	1100 w

Pump Selection Warnings:

Performance Subjected to ISO 9906 GR3B-2012
Performance Curve



Projected Image



Motor:

Rated voltage	230 V
Frequency	50 Hz
Motor phases	1~
Number of poles	2
Rated power P2	1.10 kW
Incoming power P1	1.64 kW
Rated current	7.50 A
rpm	2900 1/min
cos φ	0.95
Rated torque	3.6 Nm
Start	10 per day
Degree of protection	IP 68
Insulation class	H
Cable - 1.5mm Sq x 3 - 10 Mtr	HORN 7

Construction Material

Top cover	Stainless Steel 304
Body	Stainless Steel 304
Shaft	Stainless steel - AISI 431
Pump casing	EN-SGI 500/7
Intermediate housing	EN-SGI 500/7
Impeller	EN-SGI 500/7
Painting/Coating	Bi-epoxy 120 μm
Screws	Stainless steel - Class A2-70
Gaskets	NBR
Foot base (if present)	EN-SGI 500/7
Cutter	High chrome 27%
Cutting wear plate	High chrome 27%

INDRA HYDRO TECH PUMPS PVT LTD

No.85/M, Ground Floor, Industrial Suburb, 2nd Stage Gautham Nagar, Tumkur Road
Yeshwanthpur, Bangalore 560 022, Karnataka, INDIA

Tel. : +91 80 4163 5638, Mobile: +91 94835 26899 / 80736 22800

Email : sales@ihpumps.in, Web : www.ihpindia.in | www.ihpumps.in