



SLURRYGO PUMP CO.,LTD

SLURRY PUMPS



SGH SERIES

COST-EFFECTIVE SLURRY PUMP SGH

SGH slurry pumps are specifically designed to handle tough and abrasive duties with maximized efficiency to delivery minimum energy consumption and optimum performance which are widely used in mining, metallurgical, coal, manure and other industrial applications.

BENEFITS

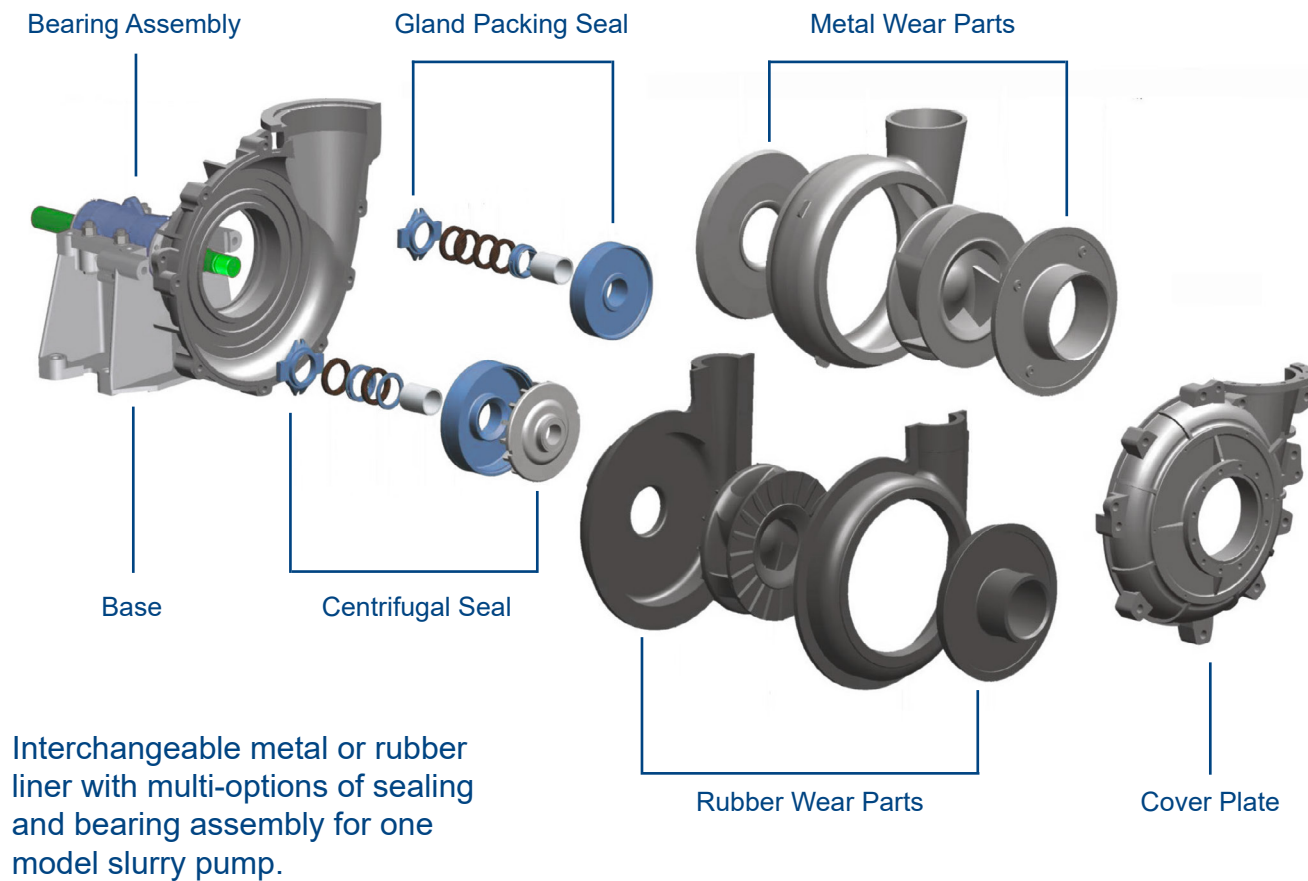
- Metal lined and rubber lined pump to satisfy various material handling.
- Robust design make it could work at the most difficult operation enviroment.
- General gland packing seal/centrifugal seal are easy to maintenance. Mechanical seal are also available for pumping chemical slurries etc.
- Compare with other models, the no.1 cost-effective horizontal slurry pump.

TECHNICAL SPECIFICATION

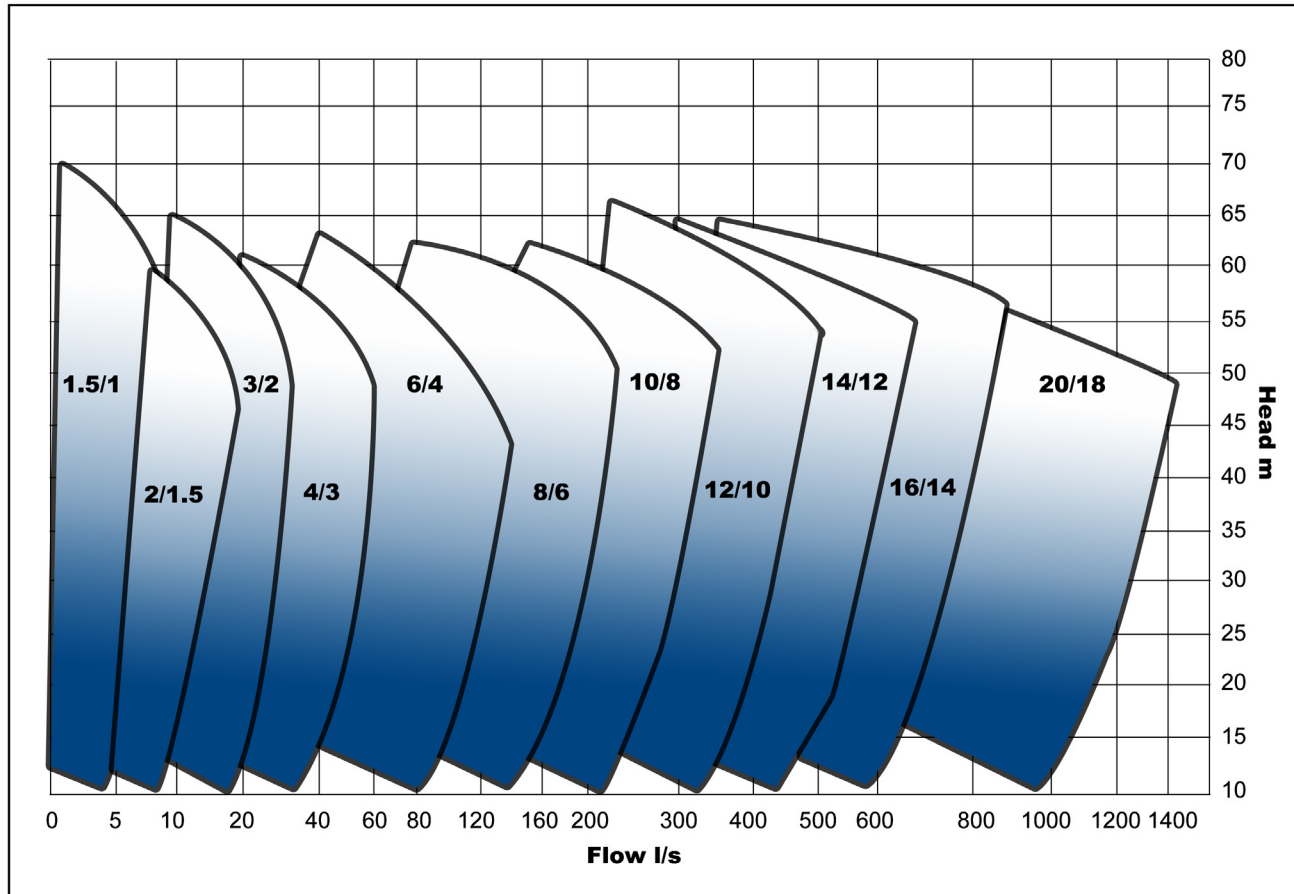
- Discharge size: 1"-18"
- Flow capacity to 5400m³/h
- Head to 68m
- Wearing parts: high-chrome or rubber
- Sealing type: gland packing seal, centrifugal seal and mechanical seal
- Bearing assembly: grease luburication



SLURRY PUMP SGH STRUCTURE



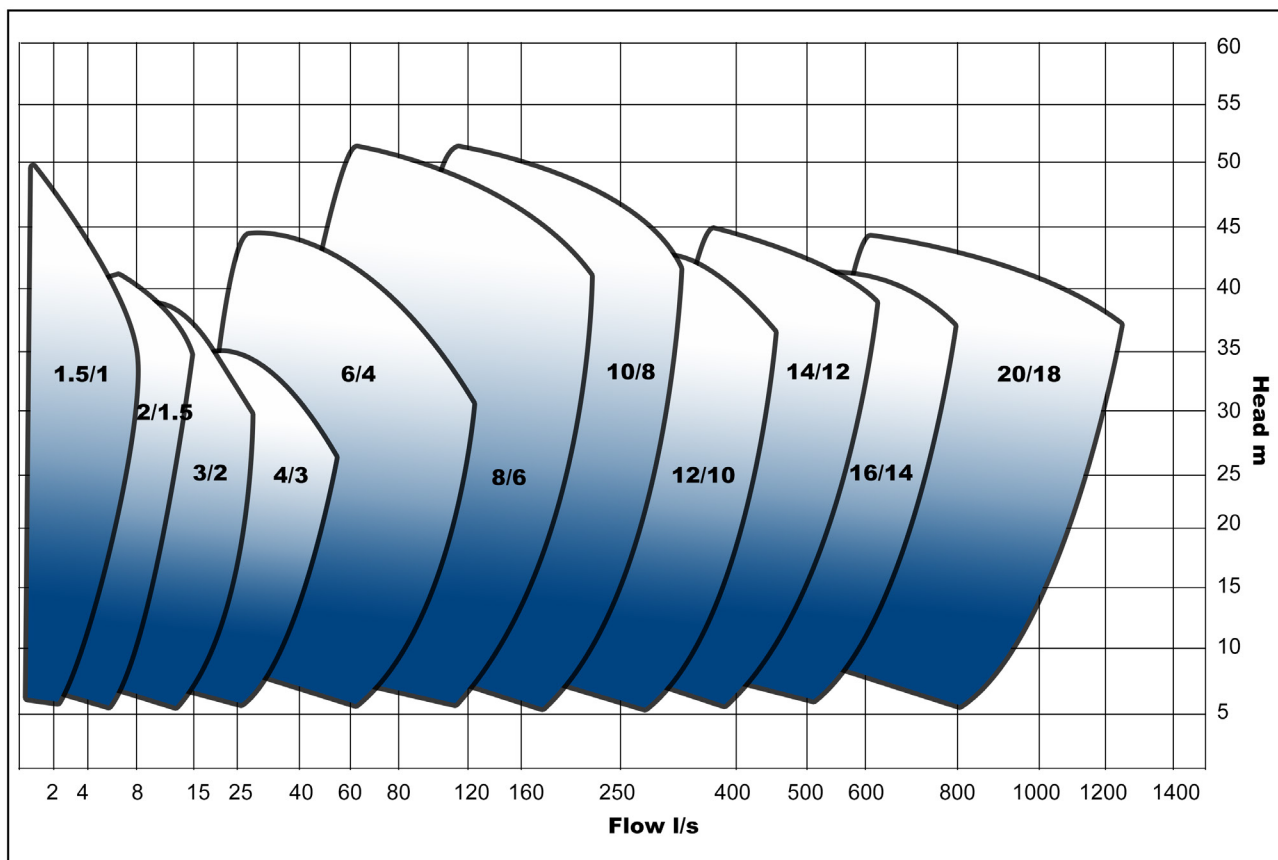
QUICK SELECTION CHART OF SGH METAL LINED PUMP



SGH SERIES MODELS

- 1.5/1B-SGH
- 2/1.5B-SGH
- 3/2C-SGH
- 4/3C/D-SGH
- 6/4D/E-SGH
- 8/6E/R-SGH
- 10/8F/ST-SGH
- 12/10F/ST-SGH
- 14/12F/ST-SGH
- 16/14TU-SGH
- 20/18TU-SGH

QUICK SELECTION CHART OF SGH RUBBER LINED PUMP



SGHR SERIES MODELS

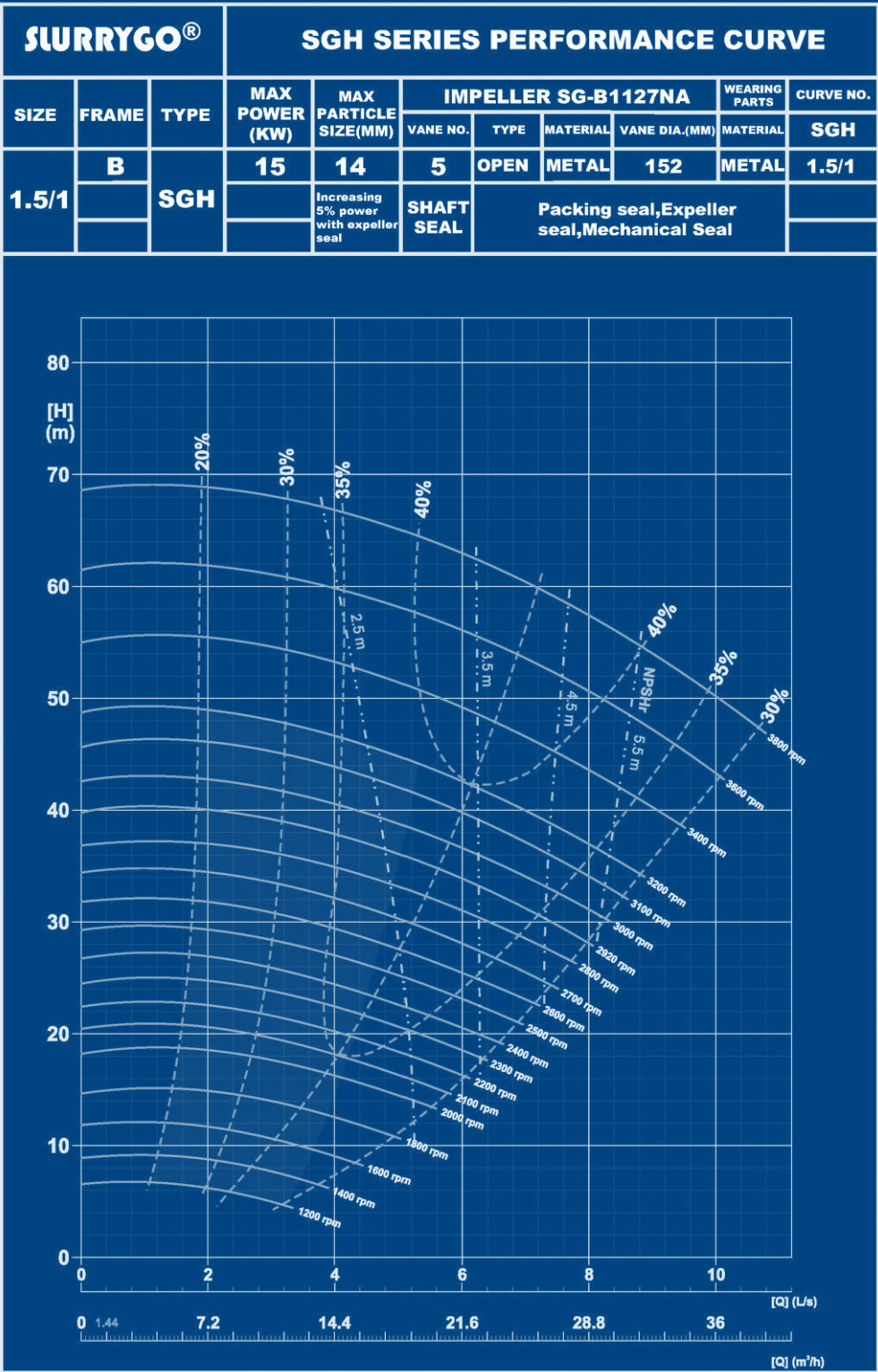
- 1.5/1B-SGHR
- 2/1.5B-SGHR
- 3/2C-SGHR
- 4/3C/D-SGHR
- 6/4D/E-SGHR
- 8/6E/R-SGHR
- 10/8F/ST-SGHR
- 12/10F/ST-SGHR
- 14/12F/ST-SGHR
- 16/14TU-SGHR
- 20/18TU-SGHR

INSTRUCTION

- Size:
1.5 Intake inch
1 Discharge inch
- Frame B:
Base plate and bearing assembly type.For some size pump,have more than one option with different shaft power support but performance curve no change.
- Impeller:
Various impeller with different vanes,closed or open to suit different flow/head requirement.
- To caculate the shaft power for centrifugal seal with expeller, it adds 5% power.
- Shaft Power Caculation

$$P = \frac{Q \cdot H \cdot S.G}{102 \cdot \eta}$$

P=shaft power kw
Q=flow capacity s/l
H=head m
S.G=slurry gravity
η the efficiency of Q/H





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