



SLURRYGO PUMP CO.,LTD

SLURRY PUMPS



SGHH SERIES

HIGH HEAD SLURRY PUMP SGHH

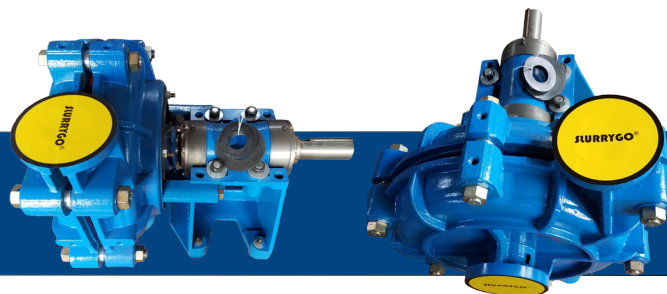
Compare with SGH series slurry pump, SGHH are designed for higher head heavy duty slurry transportations which require high head per stage at high pressure. SGHH series slurry pump could work in one more stage.

BENEFITS

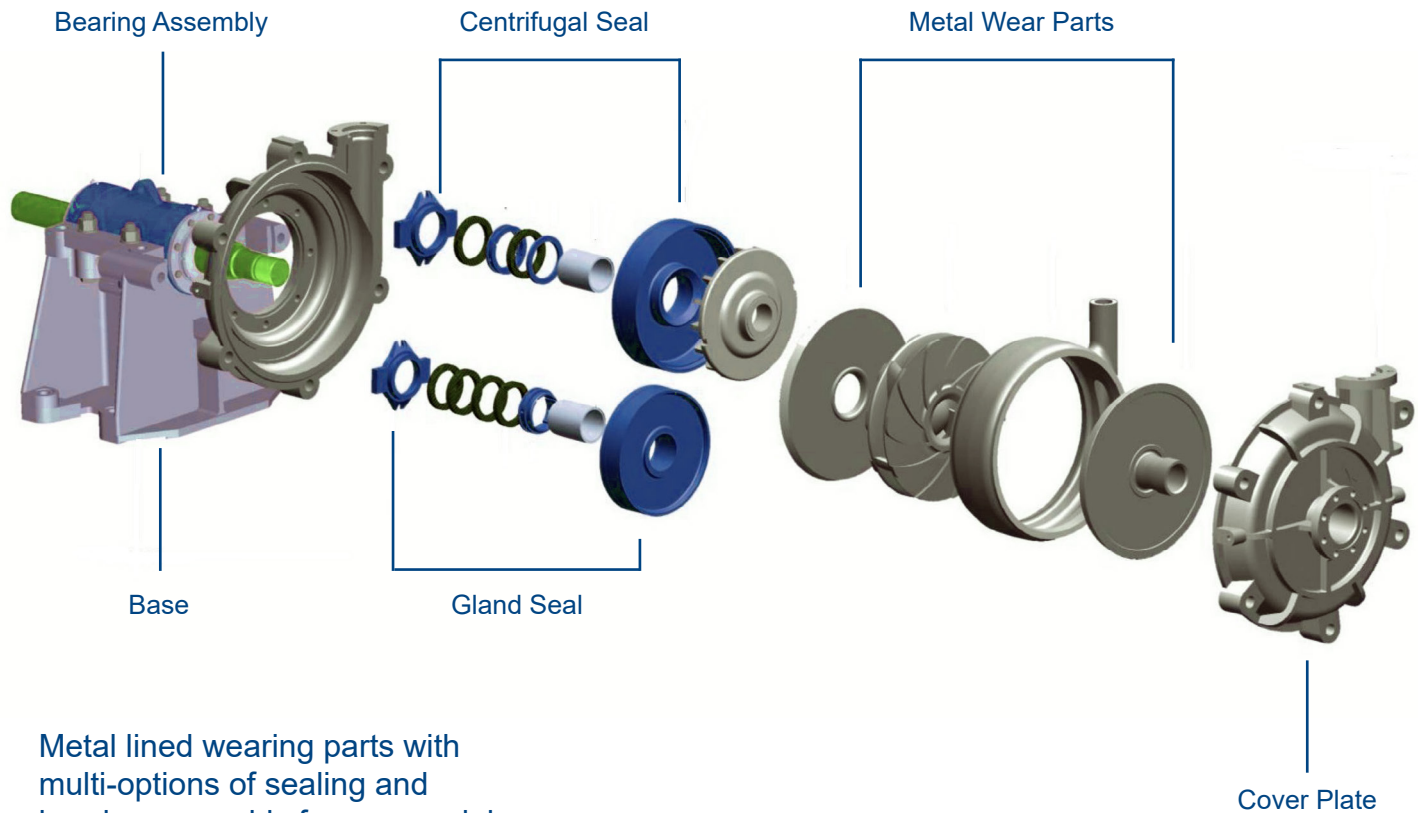
- Metal lined for high pressure design
- Robust design make it could work at the most difficult operation environment.
- General gland packing seal/centrifugal seal are easy to maintenance. Mechanical seal are also available for pumping chemical slurries etc.
- Compare with SGH series, the higher head horizontal slurry pump.

TECHNICAL SPECIFICATION

- Discharge size: 1"-6"
- Flow capacity to 1150m³/h
- Head to 100m
- Wearing parts: high-chrome
- Sealing type: gland packing seal, centrifugal seal and mechanical seal
- Bearing assembly: grease lubrication

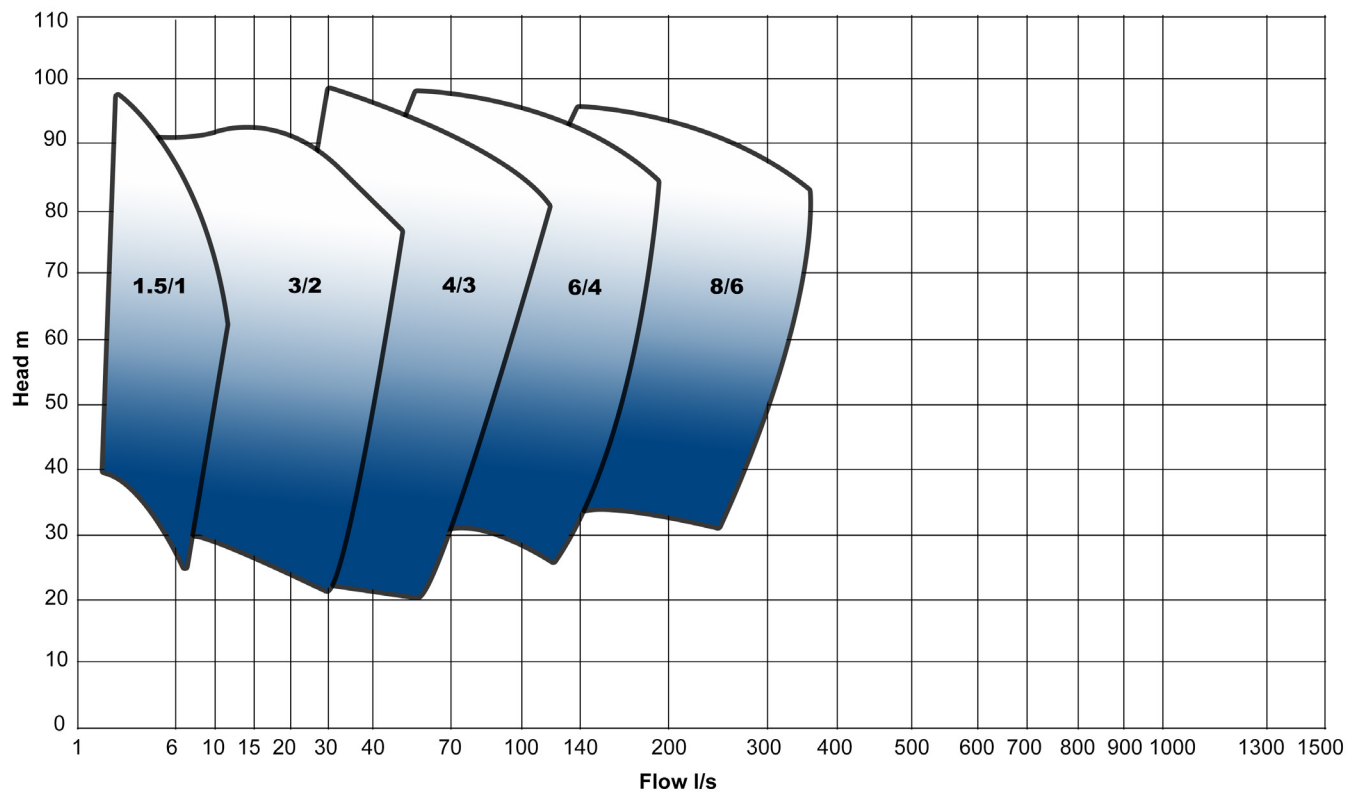


SLURRY PUMP SGHH STRUCTURE



Metal lined wearing parts with multi-options of sealing and bearing assembly for one model slurry pump.

QUICK SELECTION CHART OF SGHH PUMP



SGHH SERIES MODELS

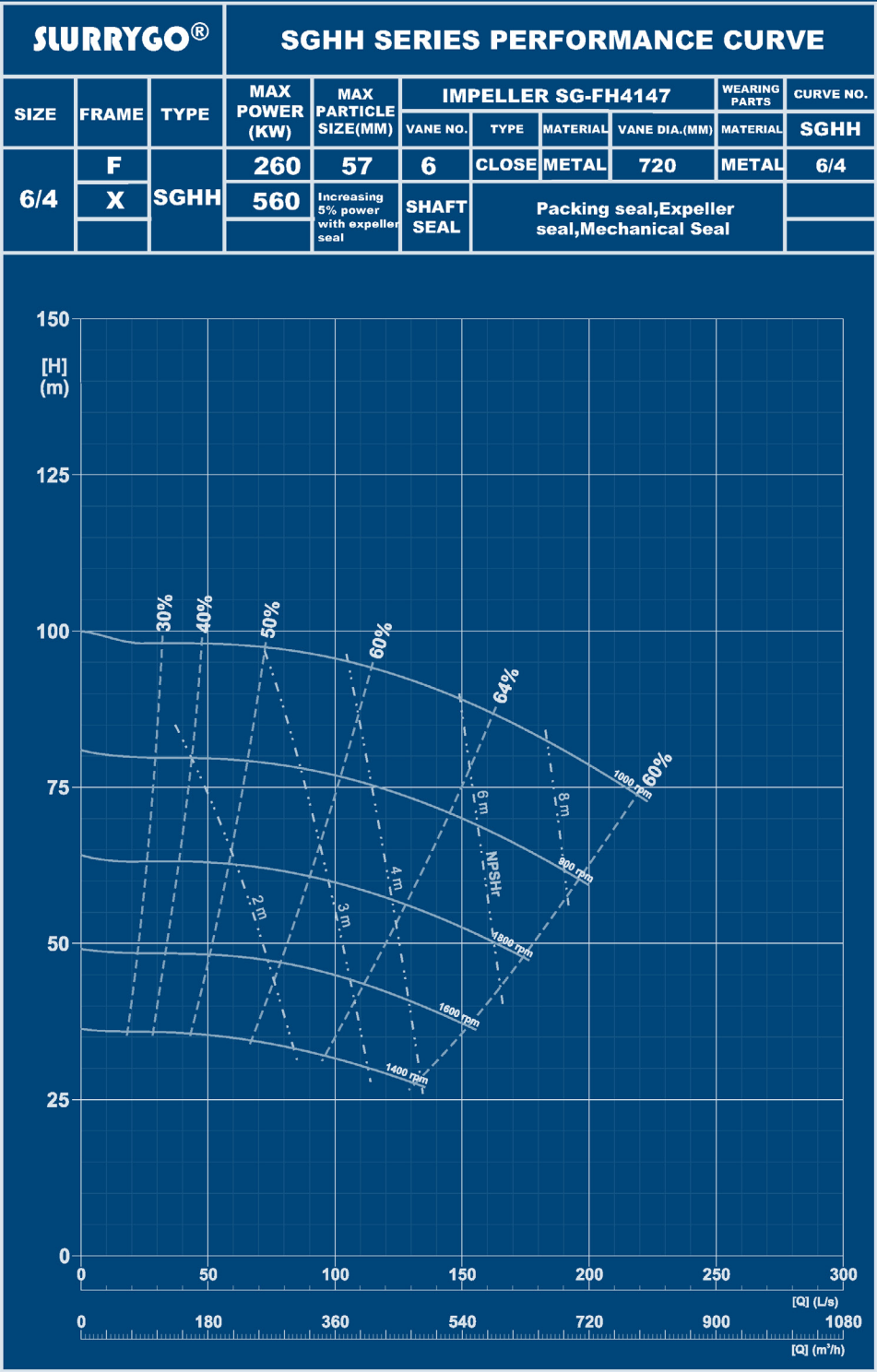
- 1.5/1C-SGHH
- 3/2D-SGHH
- 4/3E/X-SGHH
- 6/4F/X-SGHH
- 8/6S-SGHH

INSTRUCTION

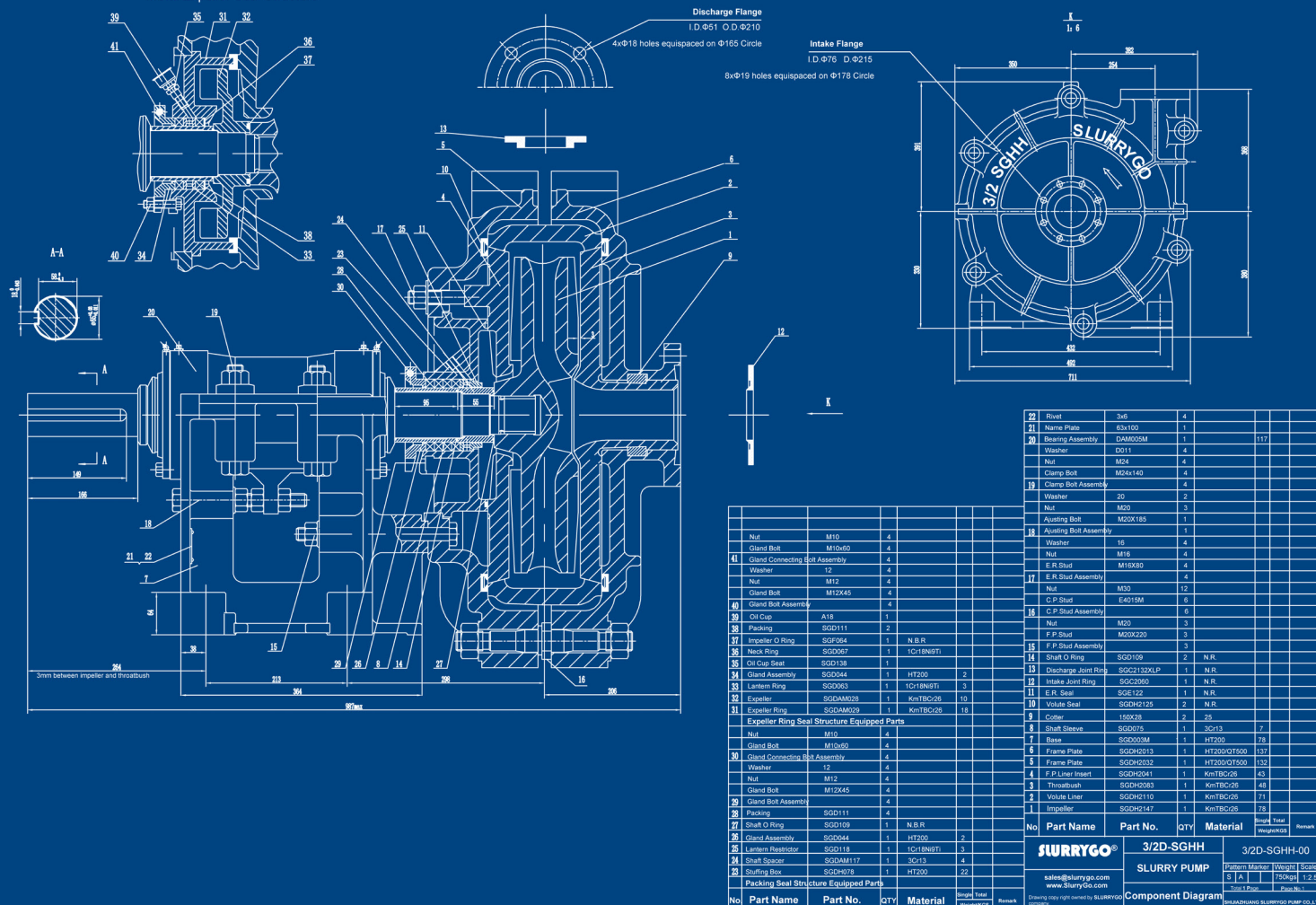
- Size:
6 Intake inch
4 Discharge inch
- Frame F:
Base plate and bearing assembly type.For some size pump,have more than one option with different shaft power support but performance curve no change.
- Impeller:
Various impeller with different vanes,closed or open to suit different flow/head requirement.
- 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



Metal Expeller Seal Structure



All the spare parts list and position with outline dimension. For the wearing parts/impeller/liners with various ultra chrome or elastomers materials. Contact us back for the requested pump model component diagram.

COMPONENT DIAGRAM



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