DATA SHEET



AVAILABLE MOUNTING CONFIGURATIONS

4SPM FRAME MOUNT WITH CHROME IRON LINER 4SPR FRAME MOUNT WITH RUBBER LINER

| OPERATING LEVELS | CHROME IRON | | RUBBER | |
|-------------------------|-------------|----------|----------|----------|
| MIN FLOW | 280 GPM | 64 m³/h | 280 GPM | 64 m³/h |
| MAX FLOW | 2250 GPM | 511 m³/h | 1850 GPM | 420 m³/h |
| DISCHARGE SIZE | 4″ | 100 mm | 4″ | 100 mm |
| SUCTION SIZE | 6″ | 150 mm | 6″ | 150 mm |
| SOLIDS HANDLING | 1.7″ | 43 mm | 1.3″ | 33 mm |
| MAX SPEED | 1800 RPM | 1800 RPM | 1400 RPM | 1400 RPM |
| SHUT-OFF HEAD | 285′ | 87 m | 152′ | 46 m |
| BEP HEAD | 225′ | 69 m | 126′ | 38 m |
| BEP FLOW | 1775 GPM | 403 m³/h | 1370 GPM | 311 m³/h |
| BEP | 68% | 68% | 65% | 65% |



A typical picture of the pump is shown. Please contact Gemstone Pump Company for further details. All information is approximate and for general guidance only.

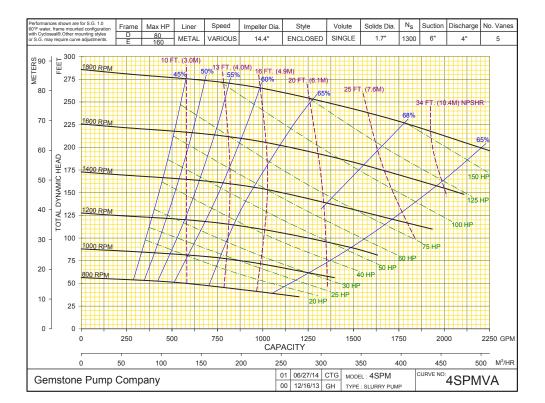
| PARTS | STANDARD MATERIAL (CHROME IRON) | RUBBER LINED |
|-----------------|---|---|
| IMPELLER | Chrome Iron | Natural Rubber |
| VOLUTE LINERS | Chrome Iron | Natural Rubber |
| VOLUTE CASING | Ductile Iron | Ductile Iron |
| SHAFT | 4140 Steel | 4140 Steel |
| SHAFT SLEEVE | 420 Stainless Steel | 420 Stainless Steel |
| MECHANICAL SEAL | Tungsten Carbide/Silicon Carbide (stationary) | Tungsten Carbide/Silicon Carbide (stationary) |
| BEARING HOUSING | Ductile Iron | Ductile Iron |
| BEARING FRAME | Cast Iron | Cast Iron |
| O-RINGS | Nitrile | Nitrile |
| FLANGE GASKETS | Natural Rubber | Natural Rubber |
| EXPELLER | Chrome Iron | Chrome Iron |
| BACKPLATE | Chrome Iron | Chrome Iron |

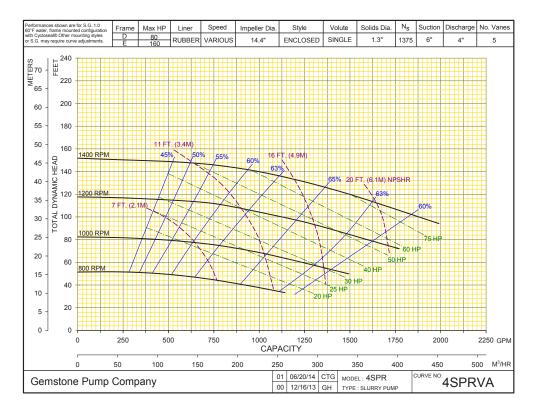
The 4SP Slurry Pump is designed with Gemstone's renowned quality and durability. It features a 4" discharge and a 6" suction. Available in chrome iron and rubber-lined models. Gemstone's patented Cycloseal[®] design is standard and includes a Type 2 single mechanical seal with elastomer bellows, stainless steel hardware, tungsten carbide rotating and silicon carbide stationary seal faces for abrasion resistance. Chrome Iron or Rubber Lining options are available to optimize wear life for various material characteristics.

- Enclosed impeller for higher efficiency
 Large solids handling capability
 Robust design allows it to be applied in difficult operating environments
- Industry leading two year warranty Superior abrasive and corrosive wear life • Handles pH levels of 1 to 13 (rubber lining); 3 to 14 (metal)









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