**PEMO Submersible Slurry Pumps Specifications**

**HARDALLOY Construction**

Available in single and Double Staged versions featuring:

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| \* Impeller, volutes, sleeves, suction covers  and discharge elbows all in hardalloy.  \* Built-in thermal overload protection.  \* Double mechanical seals. | \* Moisture detection.  \* Heavy duty lip seals.  \* Heavy duty thrust bearings  \* Shafts made of 420 SS. |

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| **Pump Model** | **Power**  (hp) | **Speed**  (rpm) | **Max Flow**  (gpm) | **Max Head**  (ft) | **Discharge ø**  (in) |
| **S-FP** | 5.5 to 25 | 1750-3500 | 260 | 190 | 2.5 |
| **603-H** | 15 to 40 | 1750-3500 | 550 | 165 | 3 |
| **K125-H** | 15 to 50 | 1150-1750 | 660 | 165 | 3 |
| **1004-H** | 25 to 60 | 880-1150 | 1300 | 130 | 4 |
| **1706/99-H** | 40 to 75 | 880-1150 | 1600 | 120 | 6 |

**RUBBER LINED Construction**

Designed for heavy duty slurry applications featuring:

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| \* Rubber lined casings with Hardalloy impellers.  \* Mechanical seals made of silica or tungsten carbide. | \* Thermal probes for motor temperature control. \* Oil level probes for slurry leak detection in the oil chamber. |

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| **Pump Model** | **Power**  *(hp)* | **Speed**  *(rpm)* | **Max Flow**  *(gpm)* | **Max Head**  *(ft)* | **Discharge ø**  *(in)* |
| **33** | 1.5 to 4 | 1750-3500 | 80 | 65 | 1 |
| **302** | 3 to 4 | 1750-3500 | 100 | 65 | 1.5 |
| **403** | 5.5 to 12 | 1750-3500 | 180 | 100 | 2 |
| **503** | 5.5 to 25 | 1750-3500 | 220 | 150 | 2.5 |
| **533** | 5.5 to 25 | 1750-3500 | 400 | 150 | 3 |
| **603** | 15 to 40 | 1750-3500 | 480 | 165 | 3 |
| **804** | 15 to 30 | 1750-3500 | 660 | 85 | 3 |
| **K125** | 25 to 50 | 1150-1750 | 660 | 165 | 3 |
| **1004** | 25 to 60 | 1150-1750 | 1000 | 130 | 4 |
| **1706/99** | 40 to 75 | 880-1150 | 1600 | 120 | 6 |
| **G230** | 40 to 100 | 880-1150 | 2400 | 120 | 8 |
| **I-270** | 60 to 150 | 880-1150 | 3200 | 120 | 8 |

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