**PEMO Vertical Slurry Pumps Specifications**

|  |  |  |
| --- | --- | --- |
| **Jolly Series** | **MEC Series** | **AUS Series** |
| The Jolly Series vertical centrifugal slurry pumps have a robust design with the shaft supported above the base plate by up to three bearings. This design supports the suspended pump end allowing it to operate bearing free.  All pump end materials are rubber lined or hardalloy (700 – 800 bhn). Optional materials for the shaft and column pipe are 316 SS, Duplex SS, Hastelloy, etc.  The pump shaft is designed to minimize shaft wear utilizing a combination rubber bushing and shaft sleeve bearing close to the pump end. This arrangement creates a natural seal and the designated wear parts can be easily replaced during a repair cycle.  The Jolly Series pumps can be flex-coupled or belt driven. | The MEC Series slurry pumps are basically the same as the Jolly Series, except they are designed to operate suspended from a cable or chain inside tanks or wet wells.  MEC pumps are available only in flex-coupling configurations in three lengths of 3, 5 and 7ft (water level t5o centerline of pump volute casing). | The AUS Series vertical slurry pumps are also basically the same as the Jolly series, but have “Run Dry” capability for minimizing routine maintenance.  This “run dry” design allows the pump to operate in multiple suction conditions, such as flooded suction or dry suction (no available fluid), and run continuously without damage. |

**PEMO Hardalloy Vertical Pump Ends**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MODEL** | **POWER (hp)** | **SPEED (rpm)** | **MAX FLOW (gpm)** | **MAX HEAD (ft)** | **DISCHARGE (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 | 165 | 4 |
| 1706/99-H | 40 to 75 | 880 – 1150 | 1600 | 165 | 6 |
| M280 | 50 to 200 | 550 - 880 | 5400 | 150 | 8 |

**PEMO Rubber Lined Vertical Pump Ends**

Can be used on any vertical pump design series (Jolly/MEC/AUS)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **MODEL** | **POWER (hp)** | **SPEED (rpm)** | **MAX FLOW (gpm)** | **MAX HEAD (ft)** | **DISCHARGE**  **(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 40 | 1750 – 3500 | 660 | 85 | 3 |
| K125 | 25 to 50 | 880 – 1150 | 660 | 165 | 3 |
| 1004 | 25 to 60 | 880 – 1150 | 1000 | 150 | 4 |
| 1706/99 | 40 to 75 | 880 – 1150 | 1600 | 150 | 6 |
| G230 | 40 to 100 | 550 - 880 | 2400 | 150 | 8 |
| I-270 | 60 to 150 | 550 - 880 | 3200 | 150 | 8 |
| C300 | 75 to 250 | 550 - 880 | 6600 | 150 | 10 |
|  |  |  |  |  |  |