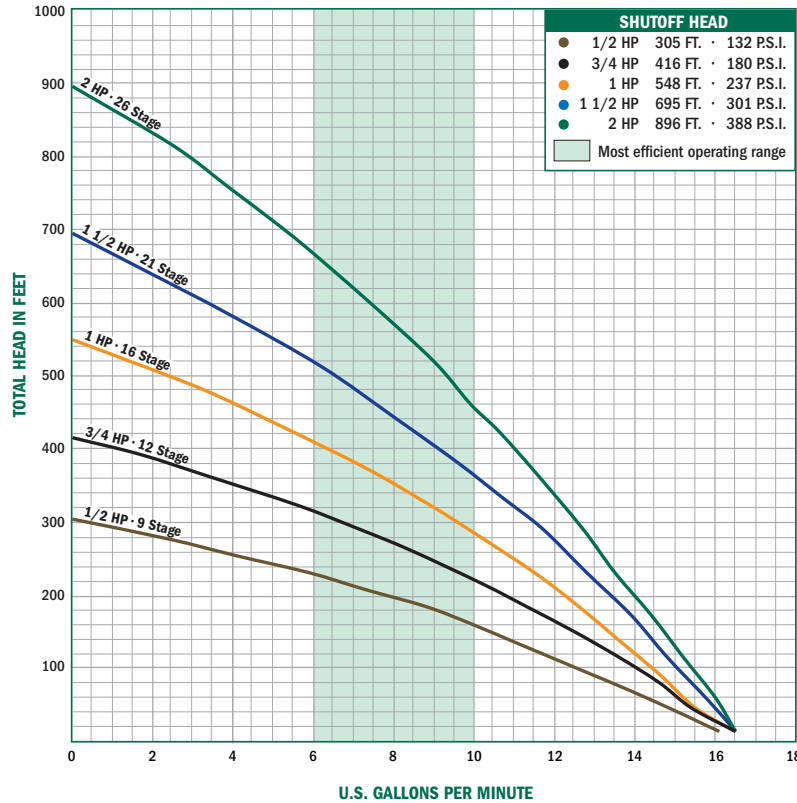


SUBMITTAL DATA SHEET

4" No-Lead Stainless Steel Submersible Pumps AutoPACs 23000 - 7 GPM



Stainless Steel - 23000 Series

Two Wire Single Phase, w/Pressure Switch

| Model No. | Model No. | HP | Stages | Volt | WT. |
|-----------|-------------|----------|--------|------|-----|
| 6630-584 | 23050V2-APS | 1/2 HP | 9 | 230V | 43 |
| 6630-596 | 23075V2-APS | 3/4 HP | 12 | 230V | 46 |
| 6630-608 | 23100V2-APS | 1 HP | 16 | 230V | 52 |
| 6630-620 | 23150V2-APS | 1 1/2 HP | 21 | 230V | 59 |

Two Wire Single Phase, w/Transducer

| Model No. | Model No. | HP | Stages | Volt | WT. |
|-----------|-------------|----------|--------|------|-----|
| 6630-578 | 23050V2-APT | 1/2 HP | 9 | 230V | 43 |
| 6630-590 | 23075V2-APT | 3/4 HP | 12 | 230V | 46 |
| 6630-602 | 23100V2-APT | 1 HP | 16 | 230V | 52 |
| 6630-614 | 23150V2-APT | 1 1/2 HP | 21 | 230V | 59 |

Three Wire Single Phase, w/Pressure Switch

| Model No. | Model No. | HP | Stages | Volt | WT. |
|-----------|-------------|----------|--------|------|-----|
| 6630-632 | 23050V3-APS | 1/2 HP | 9 | 230V | 41 |
| 6630-644 | 23075V3-APS | 3/4 HP | 12 | 230V | 43 |
| 6630-656 | 23100V3-APS | 1 HP | 16 | 230V | 51 |
| 6630-668 | 23150V3-APS | 1 1/2 HP | 21 | 230V | 58 |
| 6630-678 | 23200V3-APS | 2 HP | 26 | 230V | 61 |

Three Wire Single Phase, w/Transducer

| Model No. | Model No. | HP | Stages | Volt | WT. |
|-----------|-------------|----------|--------|------|-----|
| 6630-626 | 23050V3-APT | 1/2 HP | 9 | 230V | 41 |
| 6630-638 | 23075V3-APT | 3/4 HP | 12 | 230V | 43 |
| 6630-650 | 23100V3-APT | 1 HP | 16 | 230V | 51 |
| 6630-662 | 23150V3-APT | 1 1/2 HP | 21 | 230V | 58 |
| 6630-673 | 23200V3-APT | 2 HP | 26 | 230V | 61 |

Three Wire Three Phase, w/Transducer

| Model No. | Model No. | HP | Stages | Volt | WT. |
|-----------|--------------|----------|--------|------|-----|
| 6630-850 | 23150V3Z-APT | 1 1/2 HP | 21 | 230V | 51 |
| 6630-683 | 23200V3Z-APT | 2 HP | 26 | 230V | 59 |

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

SUBMITTAL DATA SHEET

4" No-Lead Stainless Steel Submersible Pumps AutoPACs Enclosure Overview



Technical Specifications - Single Phase

| Physical / Environmental | |
|--------------------------------|---|
| Operating Temperature Range | 1/3 HP to 2 HP -20°C to 50°C (-4 F to 122°F) |
| Storage Temperature Range | -30°C to 60°C (-22°F to 140°F) |
| Enclosure | NEMA Type 3R: Outdoor I Rainproof |
| Altitude | Derate by 5 °C every 2000 ft over 5500 ft of elevation |
| Dimensions | 12.25 in x 9.25 in x 4.68 in |
| Weight | 13 lbs |
| Specifications | |
| Model Number | SD1-2HP2PS SD1-2HP2 |
| Horsepower | 1/3 HP to 2 HP |
| Motor Style | 2-Wire or 3-Wire |
| Rated Current | |
| Rated Input Current | Max: 28 A |
| Rated Output Current | Max: 16 A |
| Input Power | |
| Input Phase | Single Phase |
| Input Voltage | 115 / 230 VAC |
| Input Voltage Range | 90V to 160V / 180V to 260V |
| Input Frequency | 60 Hz |
| Output Power | |
| Output Phase | Single Phase |
| Output Voltage | Equal to input |
| Output Frequency | 5 Hz to 120 Hz |
| Horsepower | 1/3 HP to 2 HP |
| Switching Frequency | 2 kHz to 8 kHz |
| Output | V/f control |
| Electrical | |
| Short Circuit Withstand Rating | 5 kA RMS Symmetrical Amps |
| Efficiency | 95% |
| Startup Ramp Time | 0 to 120 s |
| Shutdown Ramp Time | 0 to 120 s or Coast To Stop |
| Overload Capacity | 150% for 2 s |
| | <i>Rated output current for 2 HP model based on typical full load current for submersible motors.</i> |
| Digital Inputs | |
| Quantity | Two Programmable |
| Ratings | <15 V 7 mA Galvanically Isolated |
| Analog Inputs | |
| Quantity | Two Programmable |
| Current Reference | 4-20 mA One Input |
| Voltage Reference | 0 to 5 VDC One Input |
| Terminal Block Size | 24 to 16 AWG |

Technical Specifications - Three Phase

| Physical / Environmental | |
|--------------------------------|--|
| Operating Temperature Range | -20°C to 50°C (-4°F to 122°F) |
| Storage Temperature Range | -20°C to 40°C (-4°F to 104°F) |
| Enclosure | NEMA Type 3R: Outdoor I Rainproof |
| Altitude | Derate by 5 °C every 2000 ft over 5500 ft of elevation |
| Dimensions | 12.25 in x 9.25 in x 4.68 in |
| Weight | 13 lbs |
| Specifications | |
| Model Number | SD3-2HP2 SD3-3HP2 SD3-5HP2 |
| Horsepower | 2 HP, 3 HP, 5 HP |
| Motor Style | 3-Wire |
| Rated Current | |
| Rated Input Current | Max: 20 A, 30 A, 42 A |
| Rated Output Current | Max: 11 A, 13 A, 22 A |
| Input Power | |
| Input Phase | Single Phase |
| Input Voltage | 230 VAC |
| Input Voltage Range | 190V to 275V |
| Input Frequency | 60 Hz |
| Output Power | |
| Output Phase | Three Phase |
| Output Voltage | 230V |
| Output Voltage Range | 190V - 275V |
| Output Frequency | 5 Hz to 300 Hz |
| Horsepower | 2 HP to 5 HP |
| Switching Frequency | 2 kHz to 8 kHz |
| Output | V/f control |
| Electrical | |
| Short Circuit Withstand Rating | 5 kA RMS Symmetrical Amps |
| Efficiency | 95% |
| Startup Ramp Time | 1 to 120 s |
| Shutdown Ramp Time | 1 to 120 s or Coast To Stop |
| Overload Capacity | 120% for 60 s |
| Analog Inputs | |
| Quantity | Two Programmable |
| Current Reference | 4-20 mA Two Input |
| Voltage Reference | 0 to 5 VDC One Input |
| Terminal Block Size | 24 to 16 AWG |

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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