

4700 VERTICAL MULTI-STAGE PUMP | VMS 15B | SUBMITTAL

File No: 47.5181L
Date: OCTOBER 04, 2018
Supersedes: NEW
Date: NEW

Job: _____ Representative: _____

Ordered by: _____ Date: _____

Engineer: _____ Submitted by: _____ Date: _____

Contractor: _____ Approved by: _____ Date: _____

PUMP DESIGN DATA

No. of pumps: _____ Tag: _____
Capacity: _____ USgpm (L/s) Head: _____ ft (m)
Liquid: _____ Viscosity: _____
Temperature: _____ °F (°C) Specific gravity: _____
Suction: 2" (51mm) Discharge: 2" (51mm)
Maximum working temperature: 250°F (120°C)

MOTOR DESIGN DATA

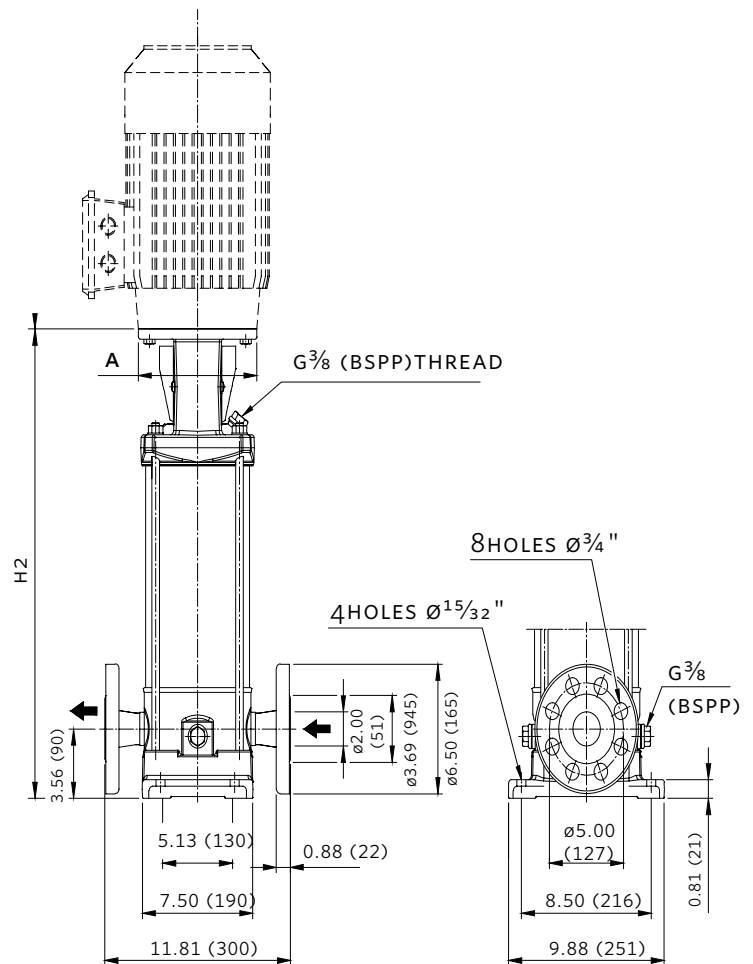
HP: _____ RPM: 3000 Frame size: _____
Enclosure: ODP TEFC Volts: _____
Hertz: 50 Hz Phase: 1 3
Efficiency*: Standard Efficiency Other: _____ %

*Fractional power, frame 56 & 1-phase motors are supplied with the standard efficiency of the Manufacturer.

MATERIALS OF CONSTRUCTION

- Flange rating:** ANSI 300
- Bottom casing:** EN 1.4301 (AISI 304)
- Impellers:** EN1.4301 (AISI 304)
- Intermediate casing:** EN 1.4301 (AISI 304)
- Pump shaft:** VMS1501B-VMS1509B - EN 1.4301 (AISI 304)
VMS1510B-VMS1512B - EN 1.4462 (AISI 329A)
- Shaft sleeve bearing:** Tungsten carbide
- O rings:** FPM
- Motor bracket:** Cast iron EN-GJL-200-EN 1561
- Pump base:** Die cast aluminum
EN-AB-AISI 11Cu2(Fe)
- Mechanical seal faces:** Silicon carbide/Carbon/FPM

REMARKS



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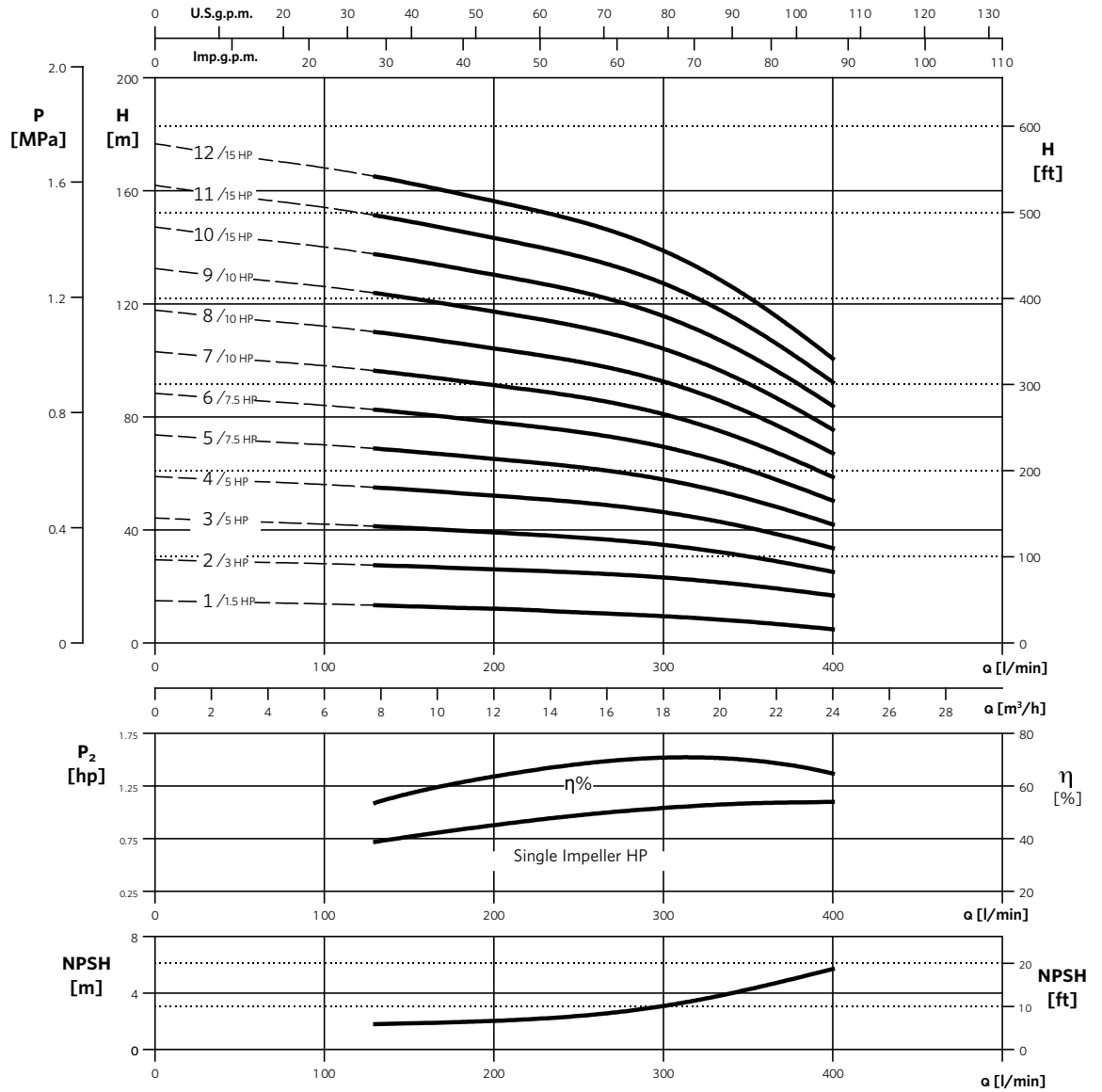
| PUMP SIZE | HP | NEMA FRAME | MWP* | DIMENSIONS in inches(mm) | | WEIGHT in lbs (kg) |
|-----------|-----|------------|------|--------------------------|-------------|--------------------|
| | | | | A | H2 | |
| VMS 1501B | 1.5 | 56C | 230 | 4.50 (114) | 15.31 (389) | 42 (19.1) |
| VMS 1502B | 3 | 182TC | 230 | 8.50 (216) | 19.69 (500) | 51 (23.1) |
| VMS 1503B | 5 | 184TC | 230 | 8.50 (216) | 21.25 (540) | 57 (25.9) |
| VMS 1504B | 5 | 215TC | 230 | 8.50 (216) | 22.81 (579) | 61 (27.7) |
| VMS 1505B | 7.5 | 215TC | 230 | 8.50 (216) | 24.38 (619) | 63 (28.6) |
| VMS 1506B | 7.5 | 215TC | 230 | 8.50 (216) | 25.94 (659) | 73 (33.1) |
| VMS 1507B | 10 | 215TC | 230 | 8.50 (216) | 27.50 (699) | 77 (34.9) |
| VMS 1508B | 10 | 256TC | 360 | 8.50 (216) | 29.69 (754) | 87 (39.5) |
| VMS 1509B | 10 | 256TC | 360 | 8.50 (216) | 31.25 (794) | 90 (40.8) |
| VMS 1510B | 15 | 256TC | 360 | 8.50 (216) | 32.81 (833) | 93 (42.2) |
| VMS 1511B | 15 | 284TSC | 360 | 10.50 (267) | 33.69 (856) | 93 (42.2) |
| VMS 1512B | 15 | 284TSC | 360 | 10.50 (267) | 35.31 (897) | 95 (43.1) |

All dimensions are in inches (mm) and are approximate.

*Maximum Working Pressure in psi

4700 PERFORMANCE CURVES

½ HP - 15 HP
1 - 12 Stages
2900 RPM
300# ANSI 2" 8-Bolt



Performance curves are for reference only.

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