SERIES 4700
VERTICAL MULTI-STAGE PUMP
VMS 32 | SUBMITTAL

File No: 47.532
Date: NOVEMBER 28, 2014
Supersedes: 47.532
Date: APRIL 07, 2011

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: 2.5"(63mm) Discharge: 2.5"(63mm)

Maximum working temperature: 250°F (120°C)

MOTOR DESIGN DATA

HP: _____ RPM: 3600 Frame size: _____

Enclosure: ☐ ODP ☐ TEFC Volts: _____

Hertz: 60 Hz Phase: ☐ 1 ☐ 3

Efficiency*: ☐ NEMA premium 12.12 ☐ Other: _____%

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

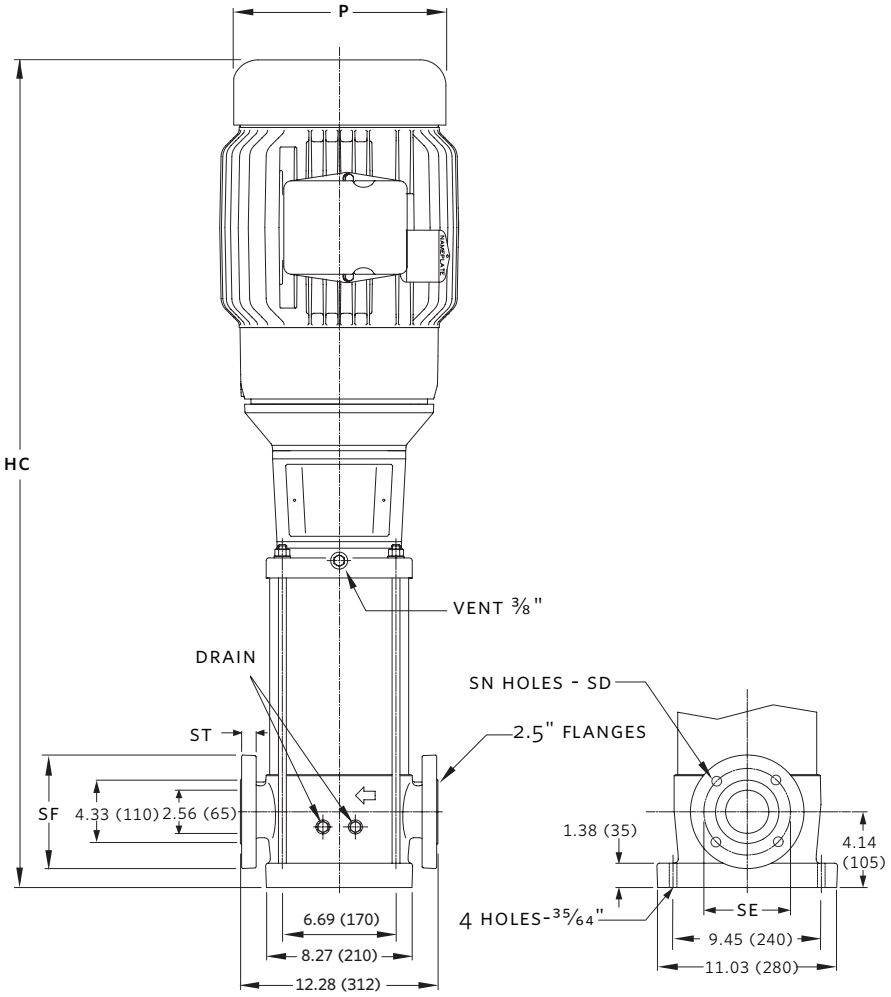
MATERIALS OF CONSTRUCTION

Flange rating: ANSI 150
ANSI 300
Pump casing: Cast iron
Impellers: EN 1.4301 (AISI 304)
Stage casing: EN 1.4301 (AISI 304)
Diffusers: EN 1.4301 (AISI 304)
Pump shaft: EN 1.4401 (AISI 316)
Jacket tube: EN 1.4301 (AISI 304)
Intermediate bearing: Tungsten carbide
O rings: FPM
Motor pedestal: Cast iron EN-GJL-200-EN 1561
Pump base: Cast iron EN-GJL-200-EN 1561
Mechanical seal faces: Silicon carbide/Carbon/FPM

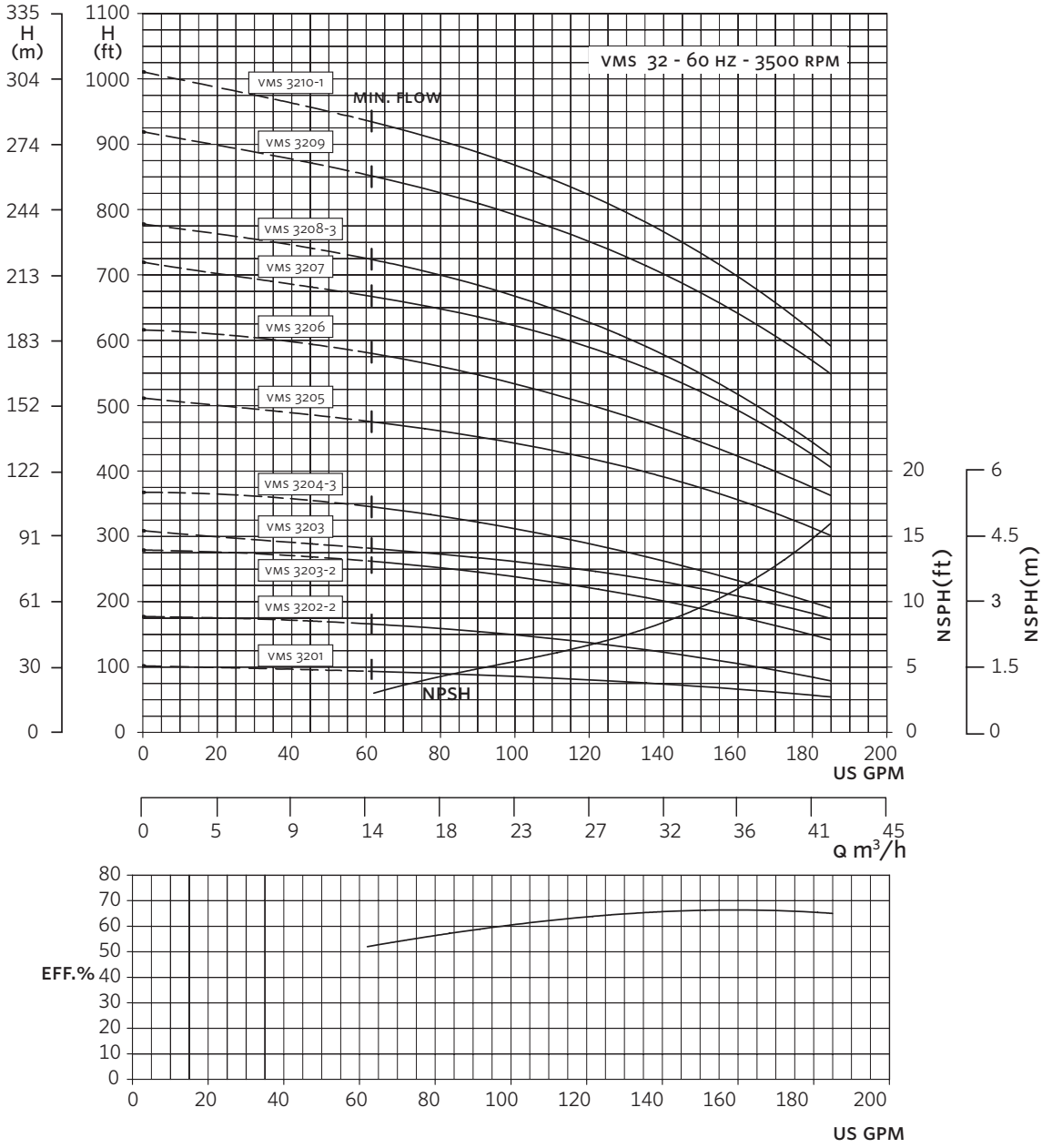
REMARKS

PUMP SIZE	HP	NEMA FRAME	FLANGE RATING	MWP*	DIMENSIONS in inches(mm)							WEIGHT in lbs (kg)
					HC	P	ST	SF	SD	SN	SE	
VMS 3201	5	184TC	ANSI 150	232	36.24 (920)	10.38 (264)	0.84 (21)	7.00 (178)	0.78 (20)	4	5.50 (140)	190 (86.2)
VMS 3202-2	7.5	184TC	ANSI 150	232	39.24 (997)	10.38 (264)						217 (98.4)
VMS 3203-2	10	215TC	ANSI 150	232	42.25 (1073)	11.25 (286)						289 (131.1)
VMS 3203	15	215TC	ANSI 150	232	47.41 (1204)	11.25 (286)						313 (142.0)
VMS 3204-3	15	215TC	ANSI 150	232	49.30 (1252)	11.25 (286)						317 (143.8)
VMS 3205	20	256TC	ANSI 300	370	55.08 (1399)	13.38 (340)						464 (210.5)
VMS 3206	25	284TSC	ANSI 300	370	59.50 (1511)	15.31 (389)						598 (271.2)
VMS 3207	30	286TSC	ANSI 300	370	61.39 (1559)	15.31 (389)	1.06 (27)	7.50 (191)	0.75 (19)	8	5.88 (149)	625 (283.5)
VMS 3208-3	30	286TSC	ANSI 300	370	63.28 (1607)	15.31 (389)						643 (291.7)
VMS 3209	40	324TSC	ANSI 300	440	65.77 (1670)	15.92 (404)						662 (300.3)
VMS 3210-1	40	324TSC	ANSI 300	440	67.66 (1718)	15.92 (404)						669 (303.5)

All dimensions are in inches (mm) and are approximate.
*Maximum Working Pressure



SERIES 4700 PERFORMANCE CURVES



Performance curves are for reference only.
Confirm current performance data with Armstrong ACE ONLINE selection software.

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