

DESIGN ENVELOPE 4300 VIL | 0610-020.0 | SUBMITTAL

Armstrong seal reference number

☐ Others: __

□ c1 (a)

File No: 100.4094

Date: DECEMBER 17, 2015

Supersedes: 100.4098

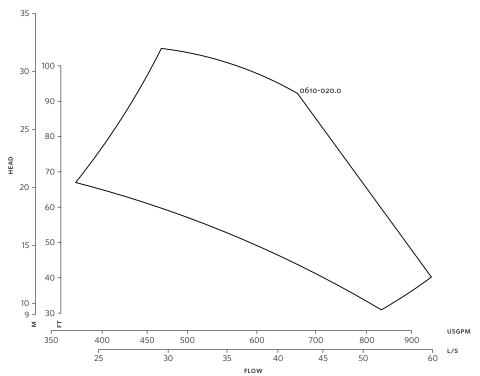
Date: AUGUST 14, 2015

Job:		Repre	sentative:	
		Order	No:	Date:
Engineer: S Contractor: A		Subm	itted by:	Date:
		Appro	oved by:	Date:
PUMP DESIGN DATA			: CONTROLS DATA	
No. of pumps:	Tao:		: Sensorless Control:	Standard
Capacity:USgpm (L/s)	Head:	ft (m)	Minimum system pressure	ft (m)*
Liquid: °F (°C)			:	☐ L1 (default) ☐ L2 ☐ L3 ☐ L4
Suction: 6" (150mm)			: Protocol (standard):	☐ Modbus RTU ☐ BACNet™ MS/TP☐ Johnson® N2 ☐ Siemens® FLN
OSHPD Seismic Certification OSP-	•		: Protocol (optional):	☐ LonWorks®
UL STD 778 & CSA STD C22.2 NO.108 certified MOTOR DESIGN DATA HP: RPM: Frame size: Enclosure:				☐ Indoor - UL TYPE 12 ☐ Outdoor - UL TYPE 4X with Weather Shield ☐ Outdoor - UL TYPE 4X less Weather Shield
Volts: Hertz: 60 F		··	Fused disconnect switch:	
Efficiency: NEMA premium 12.12	iz riiase. 3		ЕМІ∕RFI control:	Integrated filter designed to meet EN61800-3
MAXIMUM PUMP OPERATIN	NG CONDITION	S		Dual Dc-link reactors (Equivalent: 5% Ac line reactor) Supporting IEEE 519-1992 requirements**
ANSI 125 175 psig at 150°F (12 bars at 65°C)			Cooling:	Fan-cooled through back channel
100 psig at 300°F (7 bars at 150°C)			Ambient temperature:	-10°C to +45°C up to 1000 meters above sea level (-14°F to +113°F, 3300 ft)
ANSI 250 375 psig at 150°F (26 bars at 65°C)			Analog ı/o:	Two current or voltage inputs, one current output
260 psig at 300°F (21 bars at 150°C)			Digital ı/o:	Six programmable inputs (two can be configured as outputs)
Tolerance of ±0.125" (±3 mm) should be used For exact installation, data please write factory for			Pulse inputs:	Two programmable
 For exact installation, data please write factory for certified dimensions 			Relay outputs:	Two programmable
			Communication port:	1-RS485, 1-USB
MECHANICAL SEAL DESIGN	DATA			
See file no. 43.50 for standard mechanical seal details as indicated below			**The IVS 102 drive is a low harmonic d guaranty performance to any system	ure is not known: Default to 40% of design head rive via built-in pc line reactors. This does not n wide harmonic specification or the costs to meet ied with the system electrical details, Armstrong

will run a computer simulation of the system wide harmonics. If system harmonic levels are exceeded Armstrong can also recommend additional harmonic mitigation

and the costs for such mitigation.

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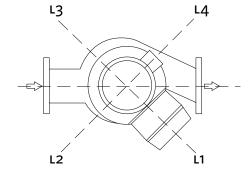
Performance curves are for reference only.

 $Confirm\ current\ performance\ data\ with\ Armstrong\ ACE\ Online\ selection\ software.$

DIMENSION DATA

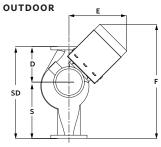
	INDOOR	OUTDOOR
	(UL TYPE 12/ODP)	(UL TYPE 4X/TEFC)
Frame size:	256	256
Size:	6×6×10	6×6×10
HP:	20	20
RPM:	1800	1800
AB:	35.85(911)	41.64(1058)
в:	9.63(245)	9.63(245)
C:	7.63(194)	7.63(194)
D:	15.00(381)	15.00(381)
E:	13.20(335)	16.46(418)
P:	13.38(340)	13.38(340)
F:	34.26(870)	38.09(967)
s:	17.00(432)	17.00(432)
SD:	32.00(813)	32.00(813)
T:	8.75(222)	8.75(222)
XY:	34.13(867)	34.20(869)
Weight:	741(336.1)	765(347.0)

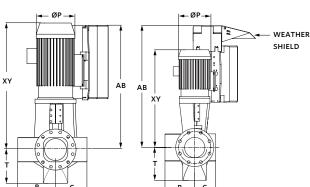
Dimensions - inch (mm) Weight - lbs (kg)



SD

INDOOR





TORONTO

+1 416 755 2291

BUFFALO

+1 716 693 8813

BIRMINGHAM

+44 (0) 8444 145 145

MANCHESTER

+44 (0) 8444 145 145

BANGALORE

+91 (0) 80 4906 3555

SHANGHAI

+86 21 3756 6696

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