

DESIGN ENVELOPE 4300 VIL | 5015-005.5 | SUBMITTAL

File No: 100.4012UK

Date: AUGUST 14, 2015

Supersedes: 100.4012UK

Date:SEPTEMBER 11, 2013

Job:			Repre	_ Representative:	
			Order	No:	Date:
Engineer:			Submi	itted by:	Date:
Contractor:			Appro	oved by:	Date:
PUMP DESIGN DAT	ГА			CONTROLS DATA	
No. of pumps:	Tag:		: Sensorless Control:	Standard	
Liquid:		Viscosity:		Minimum system pressure to be maintained:	m (ft)*
Temperature: Suction: 50mm (2")	°C (°F)	-		:	\Box L1 (default) \Box L2 \Box L3 \Box L4
Suction: 50mm (2)		Discharge: 50	omm (2)	:	☐ Modbus RTU ☐ BACNet™ MS/TP☐ Johnson® N2 ☐ Siemens® FLN
DE PUMPING UNIT	CAPACIT	Υ		Protocol (optional):	
OPERATING POINT	LPS	m³/h	METERS	:	☐ Indoor - IP55
Full capability at maximum efficiency	9.9	35.7	36.2		☐ Outdoor - IP66
Design point				Fused disconnect switch:	
Average part load base	d			EMI/RFI control:	Integrated filter designed to meet EN61800-3
on default load profile MOTOR DESIGN D	 ATA			Harmonic suppression:	Dual Dc-link reactors (Equivalent: 5% Ac line reactor) Supporting IEEE 519-1992 requirements**
Power: 5.5 kW	Speed: 2-P	ous Enclo	SUPPLY TEEC	: Cooling:	Fan-cooled through back channel
Volts:	Hertz: 50 l			Ambient temperature:	-10°C to +45°C up to 1000 meters above sea level (-14°F to +113°F, 3300 ft)
Efficiency: ☐ IE2	Frame size:			: Analog 1/0:	Two current or voltage inputs,
MAXIMUM PUMP	OPERATII	NG CONDITI	ONS		one current output
PN 16 16 bars at 149°C (232 psig at 300°F)				Digital ı/o:	Six programmable inputs (two can be configured as outputs)
				Pulse inputs:	Two programmable
7 bars at 150°C (100 psig at 300°F)				Relay outputs:	Two programmable
PN 25 25 bars at 149°C (375 pt 21 bars at 150°C (260 pt				Communication port:	1-RS485, 1-USB
MECHANICAL SEAL DESIGN DATA				**The IVS 102 drive is a low harmonic of guarantee performance to any syste	ure is not known: Default to 40% of design head drive via built-in oc line reactors. This does not em wide harmonic specification or the costs to supplied with the system electrical details,
See file no. 43.50 for standard mechanical seal details as indicated below				•	ulation of the system wide harmonics. If system trong can also recommend additional harmonic

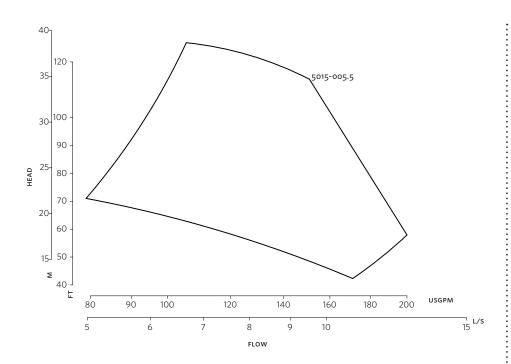
Armstrong seal reference number

☐ Others: _

□ c1 (a)

mitigation and the costs for such mitigation.

2



Performance curves are for reference only.

Confirm current performance data with Armstrong ACE Online selection software.

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MANCHESTER

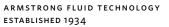
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SHANGHAI

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DIMENSION DATA

	INDOOR (IP55)	OUTDOOR (IP66)
Frame size:	1325	132S
Size:	5015-005.5	5015-005.5
kW:	5.5	5.5
RPM:	3600	3600
AB:	754(29.77)	754(29.77)
В:	117(04.06)	117(04.06)
c:	105(00.75)	105(00.75)
D:	178(07.00)	178(07.00)
E:	317(12.57)	317(12.57)
F:	317(12.57)	
P:	258(00.70)	258(00.70)
s:	203(08.08)	203(08.08)
SD:	381(15.08)	381(15.08)
T:	124(04.97)	124(04.97)
XY:	684(26.92)	684(26.92)
Weight:	132.00(291)	132.00(291)

- Dimensions mm (inch)
- Weight kg (lbs)
- Tolerance of ±3 mm (±0.125") should be used
- For exact installation, data please write factory for certified dimensions

