

DESIGN ENVELOPE 4300 VIL | 8015-001.5 | SUBMITTAL

File No: 100.4044UK

Date: AUGUST 14, 2015

Supersedes: 100.4044UK

Date:SEPTEMBER 11, 2013

Job:			Repres	_ Representative:	
			Order	No:	Date:
Engineer:			Submi	itted by:	Date:
Contractor:			Appro	ived by:	Date:
PUMP DESIGN DA	ΤΑ			CONTROLS DATA	
No. of pumps:		Tag:		: Sensorless Control:	Standard
Liquid:		Viscosity:		Minimum system pressure to be maintained:	m (ft)*
Temperature: Suction: 80mm (3")	°C (°F)	Discharge: 8	-	Orientation:	☐ L1 (default) ☐ L2 ☐ L3 ☐ L4
Succion. Commit (3)		Discharge.	Jiiiii (3)	Protocol (standard):	☐ Modbus RTU ☐ BACNet™ MS/TP☐ Johnson® N2 ☐ Siemens® FLN
DE PUMPING UNIT	CAPACIT	ſΥ		Protocol (optional):	
OPERATING POINT	LPS	m³/h	METERS	•	☐ Indoor - IP55 ☐ Outdoor - IP66
Full capability at maximum efficiency	12.0	43.1	9.1	: Fused disconnect switch:	
Design point	1			•	Integrated filter designed to meet
Average part load base on default load profile	a				EN61800-3
MOTOR DESIGN D	ATA	'	1	Harmonic suppression:	Dual Dc-link reactors (Equivalent: 5% AC line reactor) Supporting IEEE 519-1992 requirements**
Power: 1.5 kW	Speed: 4-P	OLE Enclo	SIIRA' TEEC	Cooling:	Fan-cooled through back channel
Volts:		•		Ambient temperature:	-10°C to +45°C up to 1000 meters above sea level
Efficiency: ☐ IE2	Frame size:			Austrace	(-14°F to +113°F, 3300 ft)
	00504711	NG CONDITI	o N C	Analog I/o:	Two current or voltage inputs, 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 p 21 bars at 150°C (260 p				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
See file no. 43.50 for standard mechanical seal details as indicated below				Armstrong will run a computer simu	supplied with the system electrical details, ulation of the system wide harmonics. If system trong can also recommend additional harmonic

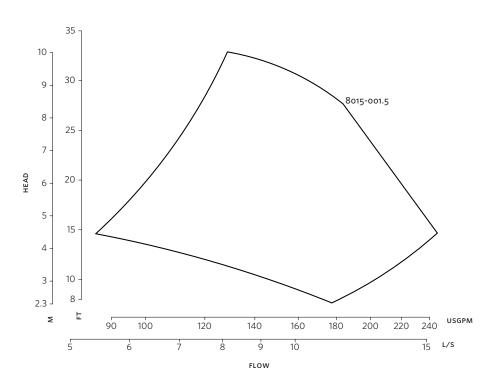
Armstrong seal reference number

☐ 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.

INDOOR E

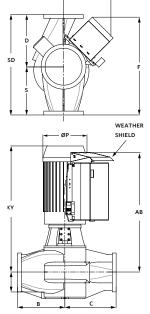
DIMENSION DATA

	INDOOR (IP55)	OUTDOOR (IP66)
	. 55.	
Frame size:	90L	90L
Size:	8015-001.5	8015-001.5
kW:	1.5	1.5
RPM:	1800	1800
AB:	534(21.02)	534(21.02)
в:	147(05.87)	147(05.87)
c:	121(04.85)	121(04.85)
D:	210(08.26)	210(08.26)
E:	151(05.94)	151(05.94)
F:	151(05.94)	
P:	190(07.48)	190(07.48)
s:	248(09.85)	248(09.85)
SD:	457(18.08)	457(18.08)
T:	154(06.06)	154(06.06)
XY:	546(21.49)	546(21.49)
Weight:	86.64(191)	86.64(191)

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

OUTDOOR

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



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