

## DESIGN ENVELOPE 4302 DUALARM | 2025-007.5 | SUBMITTAL

Armstrong seal reference number

☐ Others:

□ c1 (a)

File No: 100.4498IN Date: AUGUST 14, 2015 Supersedes: 100.44981N **Date:** JUNE 15, 2015

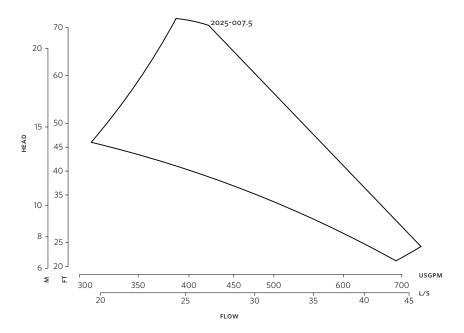
Job:		Representative:	
		Order No:	Date:
Engineer:		Submitted by:	Date:
Contractor:		Approved by:	Date:
PUMP DESIGN DATA		CONTROLS DATA	
No. of pumps:	Tag:	Sensorless Control:	Standard
Capacity: m³/h(USgpm) Liquid:		Minimum system pressure to be maintained:	m (ft)*
Temperature:°C (°F)	•	Protocol (standard):	☐ Modbus RTU ☐ BACnet™ MS/TP☐ Johnson® N2 ☐ Siemens® FLN
		Protocol (optional):	$\square$ LonWorks $^{\circledR}$
		Enclosure:	☐ Indoor - IP55 ☐ Outdoor - IP66
MOTOR DESIGN DATA		: Fused disconnect switch:	
kW: RPM:	Enclosure:	: Duty/standby	
Volts: Hertz: 50 Hz Phase: 3		pre-wired bridge:	
Efficiency: ☐ IE2 ☐ IE3 ☐ EFF2 Frame size:  MAXIMUM PUMP OPERATING CONDITIONS		EMI/RFI control:	Integrated filter designed to meet EN61800-3
		Harmonic suppression:	Dual pc-link reactors (Equivalent: 5% Ac line reactor) Supporting IEEE 519-1992 requirements**
PN 16		Cooling:	Fan-cooled through back channel
16 bars at 149°C (232 psig at 300°F) 7 bars at 150°C (100 psig at 300°F)		Ambient temperature:	-10°C to +45°C up to 1000 meters above sea level (-14°F to +113°F, 3300 ft)
<b>PN 25</b> 25 bars at 149°C (375 psig at 300°F) 21 bars at 150°C (260 psig at 300°F)		Analog ı/o:	Two current or voltage inputs, one current output
		Digital ı/o:	Six programmable inputs (two can be configured as outputs)
<ul> <li>Tolerance of ±3 mm (±0.125") should be used</li> <li>For exact installation, data please write factory for certified dimensions</li> </ul>		: Dulca innute:	Two programmable
		:	Two programmable
		Communication port:	, ,
		. Communication port.	1 113403, 1 030
MECHANICAL SEAL DESIG	GN DATA	•	ure is not known: Default to 40% of design head
See file no. 43.50 for standard mechanical seal details as indicated below		**The IVS 102 drive is a low harmonic drive via built-in DC line reactors. This does not guaranty performance to any system wide harmonic specification or the costs to meet a system wide specification. If supplied 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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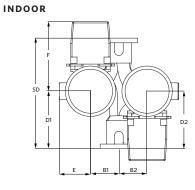
Performance curves are for reference only.

Confirm current performance data with Armstrong ACE Online selection software.

#### **DIMENSION DATA**

	INDOOR	
	IP55	
Frame size:	132M	
Size:	2025-007.5	
kW:	7.5	
RPM:	1500	
AB:	709(27.91)	
B1:	305(12.00)	
B2:	292(11.58)	
C1:	522(20.64)	
C2:	533(21.07)	
D1:	533(21.07)	
D2:	635(25.08)	
E:	175(06.97)	
F:	212(08.34)	
P:	280(11.02)	
SD:	1168(46.07)	
T:	225(08.94)	
XY:	721(28.47)	
Weight:	560.64(1236)	
Dimensions - mm (inch)		

Weight - kg (lbs)



# AB XY

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