

DESIGN ENVELOPE 4200H | END SUCTION BASE MOUNTED SPLIT-COUPLED | 0511-025.0 | SUBMITTAL

File No: 100.3332 Date: APRIL 18, 2016 Supersedes: NEW Date: NEW

Job: Re		presentative:	
	0	rder No:	Date:
Engineer:		ubmitted by:	Date:
Contractor: App		pproved by:	Date:
PUMP DESIGN DATA		CONTROLS DATA	
No. of pumps:	Tag:	Sensorless Control	: Standard
Capacity:USgpm (L/s)		to be maintained:	:ft (m)*
Liquid:°F (°C)		: Protocol (Standard)	: ☐ Modbus RTU ☐ BACnet™ MS/TP☐ Johnson® N2 ☐ Siemens® FLN
Suction: 6"(150mm) Flanged		Protocol (optional)	: □ LonWorks®
Discharge: 5"(125mm) Flanged UL STD 778 & CSA STD C22.2 NO.108 certified		Enclosure	: ☐ Indoor – UL TYPE 12
		Fused disconnect switch	: □
		EMI/RFI control	: Integrated filter designed to meet EN61800-3
MOTOR DESIGN DATA		Harmonic suppression	: Dual pc-link reactors (Equivalent: 5% Ac line reactor) Supporting IEEE 519-1992 requirements**
HP: 25 RPM: 1800 Frame six	ze: 284TC Enclosure: TEFC	Cooling	Fan-cooled through back channel
Volts: Hertz: 6 Efficiency: NEMA premium 12.12	o Hz Phase: 3	Ambient temperature	: -10°C to +45°C up to 1000 meters above sea level (-14°F to +113°F, 3300 ft)
Efficiency. NEMA premium 12.12		Analog ı/o	: Two current or voltage inputs, one current output
MAXIMUM PUMP OPERATING CONDITIONS		Digital ı/o	Six programmable inputs (two can be configured as outputs)
ANSI 125		Pulse inputs	: Two programmable
175 psig at 140°F (12 bars at 60°C)		Relay outputs	: Two programmable
100 psig at 300°F (7 bars at 149°C)		Communication port	: 1-RS485, 1-USB
ANSI 250 375 psig at 100°F (26 bars at 38°C)		•	sure is not known: Default to 40% of design head drive via built-in pc line reactors. This does not

and discharge gauge ports

• For exact installation, data please write factory for

• Pump equipped with casing drain plug and 1/4" NPT suction

• Tolerance of ±0.125" (±3 mm) should be used

275 psig at 300°F (19 bars at 149°C)

OPTIONAL EQUIPMENT

certified dimensions

MECHANICAL SEAL DATA

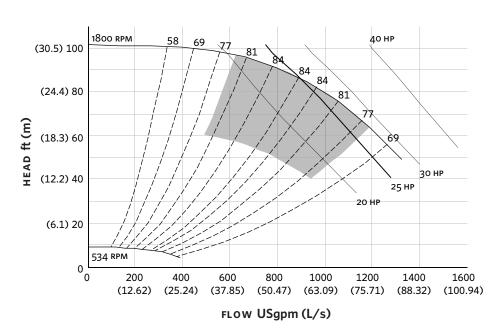
Stationary seat: Sintered silicon carbide Seal type: AB2 Secondary seal: Viton Rotating hardware: Stainless steel

Spring: Stainless steel

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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EXTENDED SPEED



Performance curves are for reference only.

Confirm current performance data with Armstrong ACE Online selection software.

DIMENSION DATA

INDOOR (UL TYPE 12/ODP)

Frame size: 284TC

Size: 6×5×11.5

HP: 25

RPM: 1800

на: 18.94 (481)

нв: 48.00 (1219)

HB. 40.00 (1217)

HC: 43.87 (1114)

HD: 14.00 (356)

HE: 8.84 (225)

HF: 22.00 (559)

2HF: 44.00 (1118)

HG: 4.00 (102)

HI: 34.89 (886)

HL: 6.50 (165)

HV: 18.42 (468)

NaN1: 2.00 (51)

NaN2: 10.83 (275)

x: 14.00 (356)

y: 6.00 (152)

Weight: 931 (422.2)

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

INDOOR



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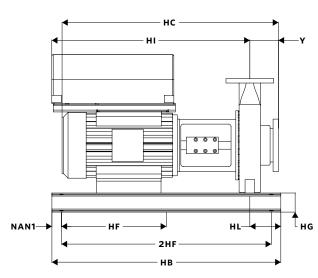
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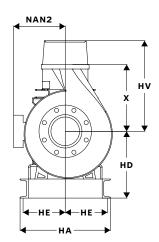
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