

HBTEXP-AC-IGB

The HBTEXP-AC-IGB Pump is available in single or double head for injecting higher volumes or two chemicals at separate injection rates. An assortment of plunger sizes and built in stroke length adjustments when combined with TXAM's pump controller and options such as our **ARC200** will allow you to precisely control your injection rates.

The HBTEXP-AC-IGB Series isolates chemicals away from the pump housing and motor. Standard stainless steel wetted parts are used to ensure long lasting dependability.

The IGB Series are certified as Class 1, Division 2 or hazardous locations. The TXAM Smart Controller also carries the Class 1, Division 2 certification.

Please contact TXAM for C1, D1 pump motor & pricing.



Specifications

Pump

Fluid Head

- Single or Double
- Stainless Steel (Standard) or other material

Plunger

- 3/16", 1/4", 3/8", 1/2", 1"
- 17-4 PH, optional ceramic coating
- 3-Position adjustable displacement

Gear Motor

- 115VAC, 2 AMP, 1/5 HP, 60 RPM
- No Additional Gear Reduction
- Available: DC Motor with AC Inverter
- UL Listed C1, D2 for Hazardous Locations

Connections

- 1/4" Female NPT

Bleeder Valve

- 316SS, Located on Head

Power Option(s)

Electric / AC

- 115VAC, 60 HZ, Single-Phase
- uF: 30/250VAC

Pump Control

Control Options

- TXAM Controller options
- Plunger stroke length adjustments
- Flow Control Valve (FCV5000)
- 4-20mA, RS-232, RS-485, Modbus
- Plunger Style: (ARC200) Adjustable Rate Control

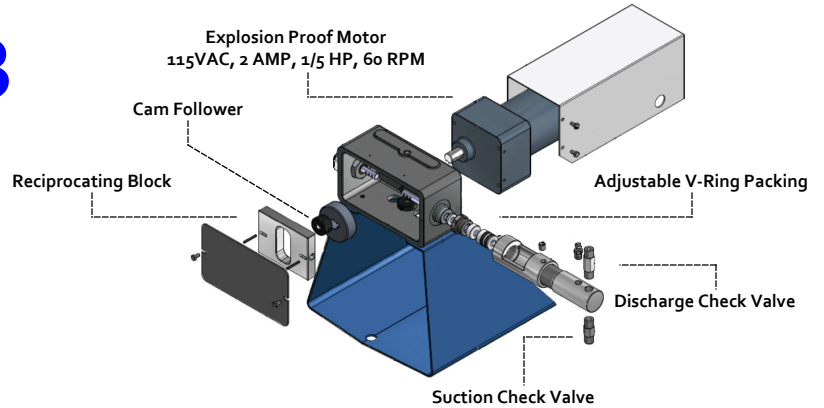
ZERO Venting of Gas
LOW Cost of Ownership
FAST Return On Investment

Max Pressure: 6000 PSI/400 Bar

0 GPD to 200 GPD

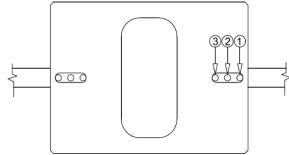
- * Single or Double head configuration
- * Pump two chemicals at two separate rates with a single pump
 - * Stainless Steel head assembly
 - * Stainless Steel pump housing
- * Multiple rate control operations within one pump controller
 - * Plunger stroke adjustment
 - * Adjustable V-Ring packing

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PIN PLACEMENT

Pin Positions	Stroke Lengths
1	1.123
2	0.872
3	0.622



HBT Pump Specifications															
Plunger Size	3/16" (0.1875)			1/4" (.25)			3/8" (0.375)			1/2" (0.50)			1" (1.00)		
Pin Position	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Plunger Cross Section Area (in ²)	0.0276			0.0491			0.1104			0.1963			0.7854		
Stroke Lengths @ Different Pin Positions	1.1230	0.8720	0.6220	1.1230	0.8720	0.6220	1.1230	0.8720	0.6220	1.1230	0.8720	0.6220	1.1230	0.8720	0.6220
Displacement Per Stroke (Cubic Inches)	0.0310	0.0241	0.0172	0.0551	0.0428	0.0305	0.1240	0.0963	0.0687	0.2204	0.1712	0.1221	0.8820	0.6849	0.4885
Displacement Per Stroke (Fluid Ounces)	0.0172	0.0133	0.0095	0.0305	0.0237	0.0169	0.0687	0.0534	0.0381	0.1222	0.0948	0.0677	0.4887	0.3795	0.2707

Dimensions

