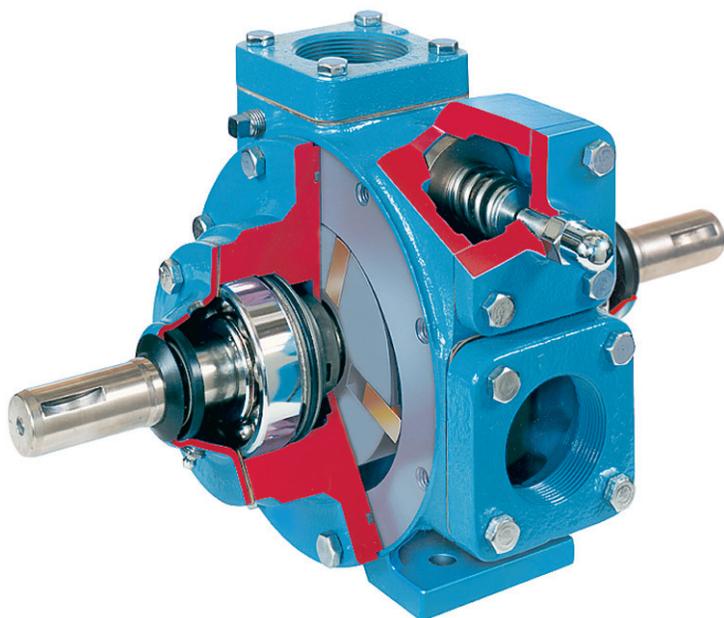




TXD2.5A Sliding Vane Pump For Windshield Washer Fluid Applications



TXD2.5 with 17-4 Stainless Steel shaft



Reliability

Durable pump for fast and quiet operation. Sliding vane design provides sustained performance and trouble free operation.

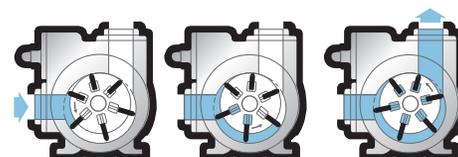
Size Options

Available 2.5-inch port size with normal flow rate of 157 U.S. gpm (594 m³/h) and working pressure to 175 psi (12.1 bar).

Unique Features

Combats the harsh formulation of windshield washer fluid by using a 17-4 Stainless Steel shaft. The stronger shaft material, in combination with much better corrosion resistance, withstands stress corrosion attack from the methanol-water combination used in windshield washer fluid.

Adjustable relief valve protects pump from excessive pressure.



How Blackmer's sliding vane action works



TXD models are equipped with FKM O-rings and Blackmer mechanical seals. TXD options include corrosion resistant relief valve, pneumatic relief valves and Buna or PTFE elastomers and seals.



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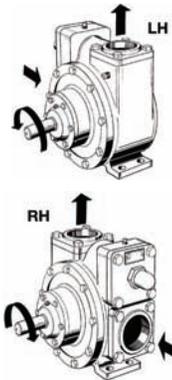
Performance Data

Pump Model	TXD2.5	
Rated Pump Speed	640	520
gpm	120	98
L/min	454	371
m ³ /h	27	22
hp	5.0	3.8
kW	3.7	2.8

* Appropriate capacities and horsepower (hp) are based on a 100 ssu (22 cP) fluid at a 50 psi (3.4 bar) delivered pressure. Refer to Characteristic Curves for flow rates and torque requirements at other pressures and viscosities.

Maximum Operating Limits

Pump Model	Nominal Flow rate		Pump Speed	Viscosity		Differential Pressure		Working Pressure		Temperature	
	gpm	L/min	rpm	ssu	cP	psi	bar	psi	bar	°F	°C
TXD2.5	157	594	780	20,000	4,250	125	8.6	175	12.1	300	149



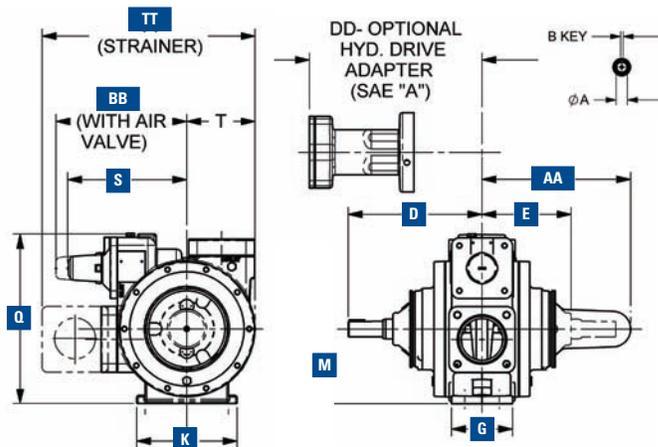
Pump Rotation

Blackmer TXD models are equipped with a double-ended drive shaft for either clockwise (RH) or counterclockwise (LH) rotation.

Options

- Buna or PTFE O-rings
- Pneumatic relief valve
- Hydraulic Motor Adapters
- Strainers

Dimensions



Important:

Please specify "Windshield Washer Fluid Model" when ordering.

Model		A	B	D	E	G	K	M	Q	S	T	AA	BB	DD		TT	Approx. Weight	
														1/4" HYD Motor Shaft	1" HYD Motor Shaft			
TXD2.5	in.	1 1/8	1/4	8 3/4	6	4 7/8	7	4	9 5/8	6 13/16	3 15/16	9 1/2	8 11/16	11 3/8	11 1/16	13 5/16	94	lbs.
	mm	-	-	222	152	124	178	102	244	173	100	241	221	295	287	338	43	kg



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