



Spec Sheet 201-002

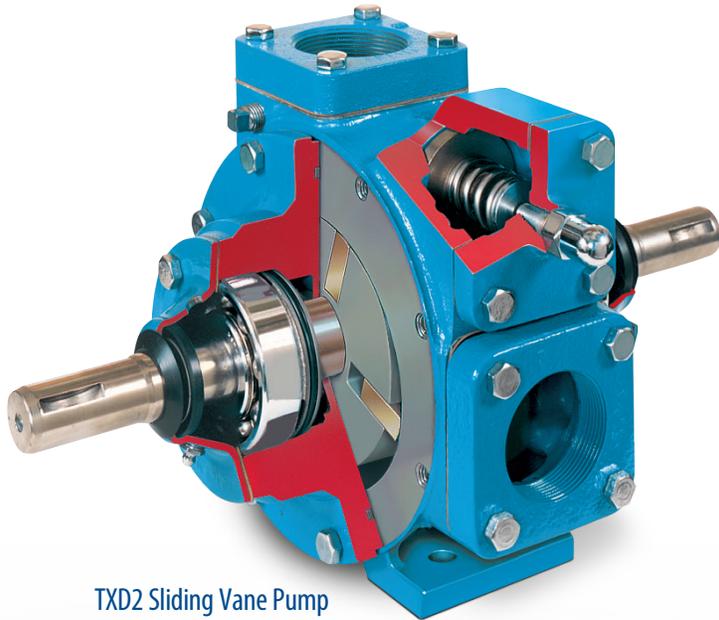
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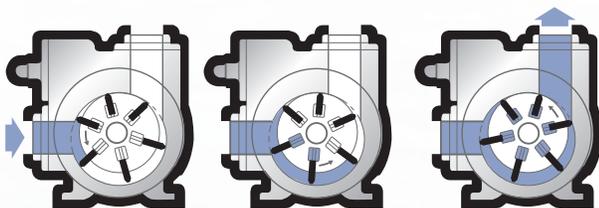
Replaces: May 2013



TXD1200 Series High-Speed Sliding Vane Truck Pumps



TXD2 Sliding Vane Pump



How Blackmer's sliding vane action works

Reliability

With pump speeds of up to 1,200 RPM, the durable, high-speed TXD Series truck pumps provide fast and quiet operation, while the sliding vane design offers sustained performance and reliability.

Unique Features

Adjustable relief valve protects pump from excessive pressure. Optional air operated piston-style relief valve offers easy hose and nozzle handling. T-type strainers are available to protect pumping systems from damage caused by welding slag and foreign matter in the piping and tanks.

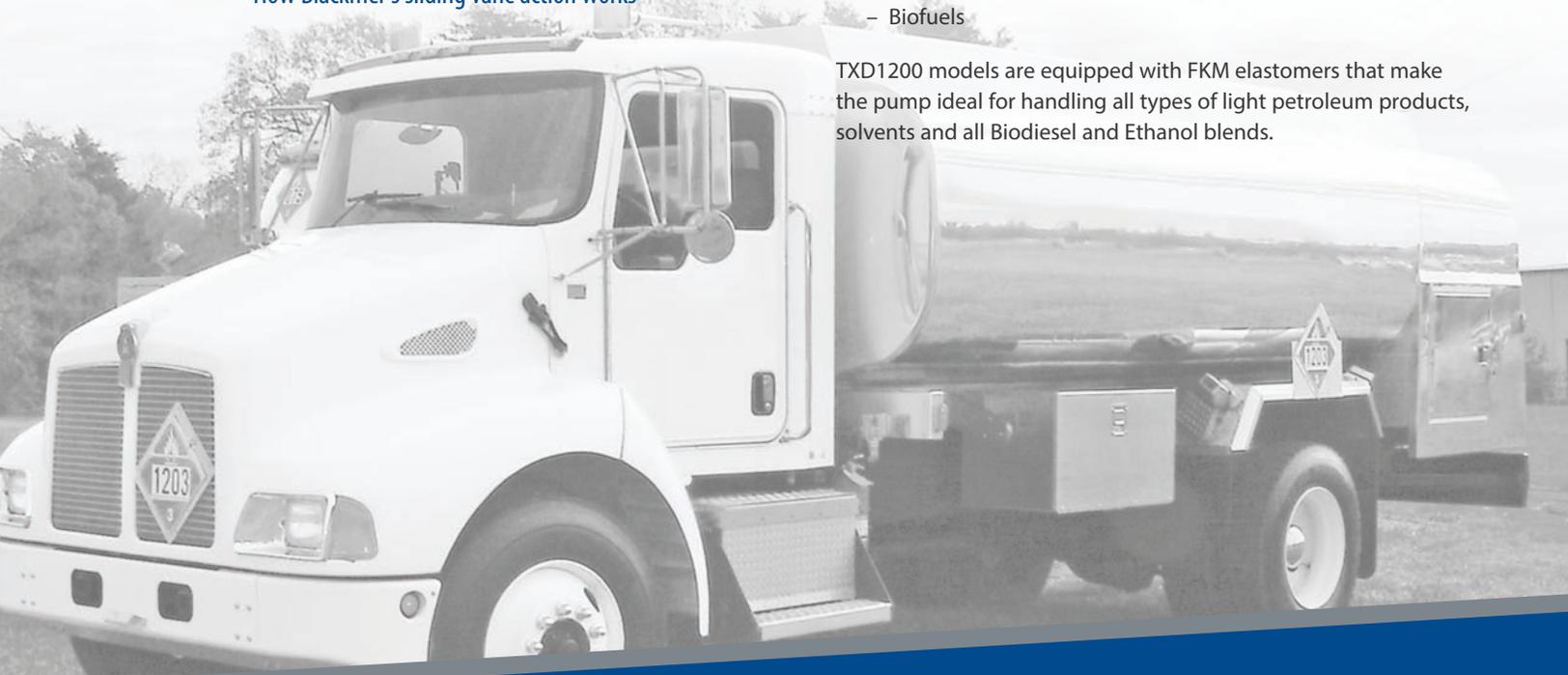
Sizing Options

Available in 2, 2.5 and 3-inch port sizes with flow rates from 20 to 265 U.S. gallons (4 to 60 m³/h) and pressures up to 125 psi (8.6 bar).

Applications

- Fuel oil delivery truck
- Fleet refueling
- Aviation refuelers
- Transport of:
 - Petro Chemicals
 - Gasoline
 - Diesel Fuel
 - Biofuels
 - Home Heating Oil
 - Solvents
 - and many more

TXD1200 models are equipped with FKM elastomers that make the pump ideal for handling all types of light petroleum products, solvents and all Biodiesel and Ethanol blends.





TXD1200 Series High-Speed Sliding Vane Truck Pumps

Performance Data

Pump Model	TXD1220		TXD1225		TXD1230	
Rated Pump Speed	1100	800	1100	800	800	640
gpm	82	59	130	93	240	185
L/min	310	223	492	352	908	700
m ³ /h	18	13	29	21	54	42
hp	4.2	2.9	6.6	4.7	10.8	8.1
kW	3.1	2.1	4.9	3.5	8.0	6.0

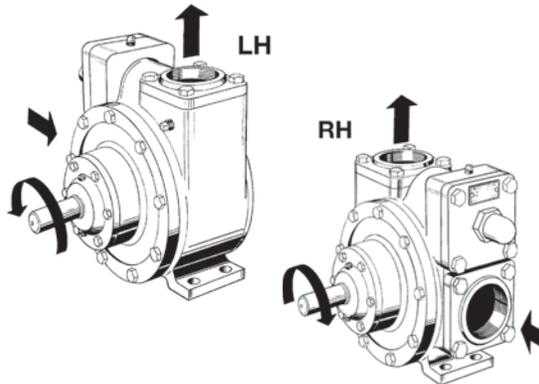
* Appropriate capacities and horsepower (HP) are based on a 100 ssu (22 cSt) fluid at 50 PSI (3.4 bar) delivered pressure. Refer to Characteristic Curves for flow rates and torque requirements at other pressures and viscosities.

Maximum Operating Limits

Pump Model	Nominal Flowrate		Pump Speed	Viscosity		Differential Pressure		Working Pressure		Temperature	
	gpm	L/min	rpm	ssu	cSt	psi	bar	psi	bar	°F	°C
TXD1220	87	329	1200	100	22	125	8.6	175	12.1	300	149
TXD1225	157	594	1200	100	22	125	8.6	175	12.1	300	149
TXD1230	270	1,022	900	100	22	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.



Port Sizes

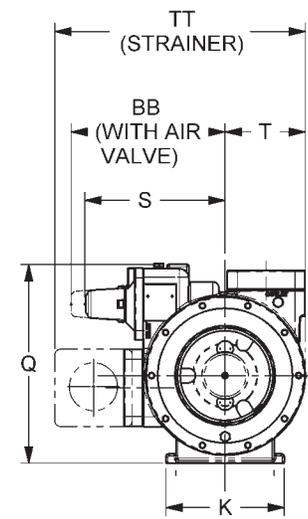
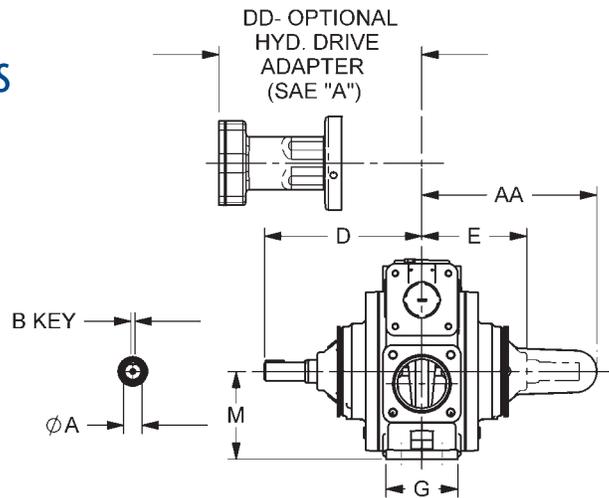
- TXD1220 – 2"
- TXD1225 – 2.5"
- TXD1230 – 3"

Options

- Pneumatic Relief Valve
- Hydraulic Motor Adapters
- Strainers
- Victaulic Flanges

Dimensions

Model		A	B	D	E	G	K	M	Q	S	T	AA	BB	DD		TT	Approx. Wt.	
														1 1/4" HYD Motor Shaft	1" HYD Motor Shaft		lbs	kg
TXD1220	in.	1 1/8	1/4	8	5 1/4	3 1/2	6 1/2	4	8 11/16	6 1/8	3 7/8	8 3/4	8 5/16	10 7/8	10 9/16	12 1/8	70	lbs
	mm	—	—	203	133	89	165	102	221	156	98	222	211	276	268	308	32	kg
TXD1225	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 5/8	11 5/16	13 5/16	94	lbs
	mm	—	—	222	152	124	178	102	244	173	100	241	221	295	287	338	43	kg
TXD1230	in.	1 1/8	1/4	9 5/8	6 7/16	4 3/8	7 1/4	5 3/8	12 13/16	8 9/16	4 15/16	10 11/16	9 7/16	12 3/8	12 3/8	15 3/8	152	lbs
	mm	—	—	244	164	111	184	137	325	217	125	271	240	314	314	391	69	kg



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