

BT Series

DRUM / BARREL PUMPS

High Viscosity

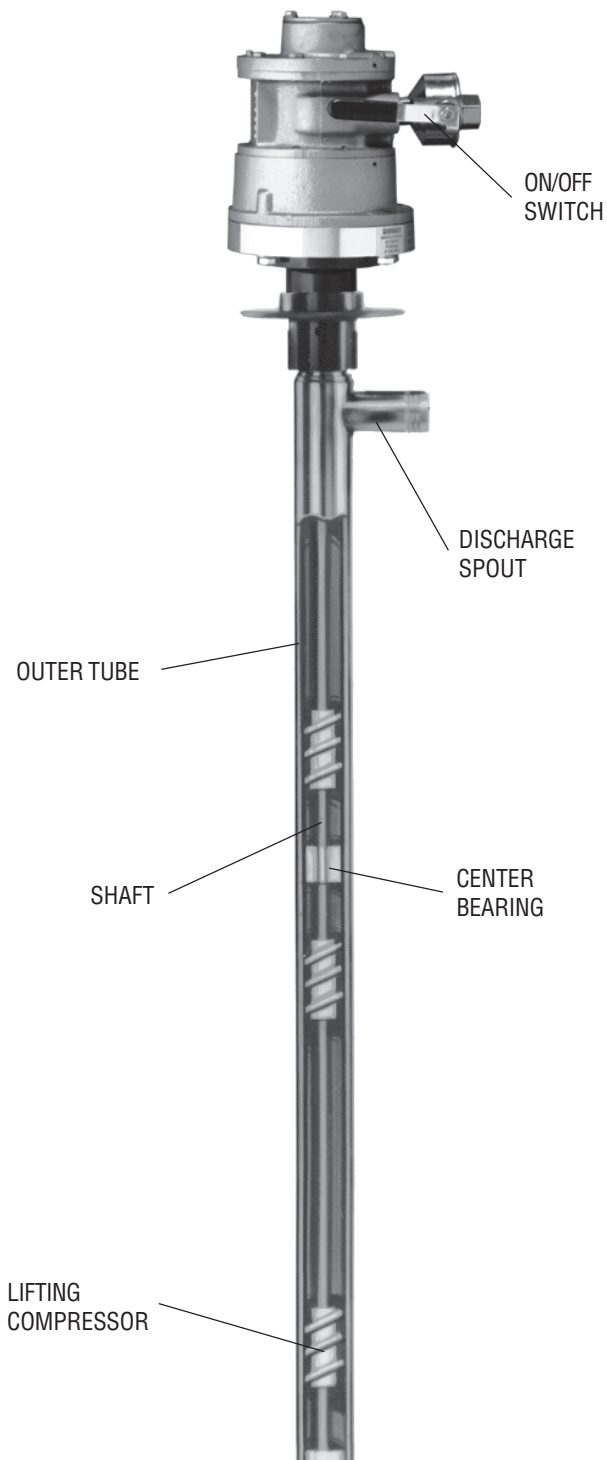
The BT series is rated for mild corrosives and flammables of high viscosity in applications which require high head. Use for pumping polymers, adhesives, oils, resins, etc.

Features

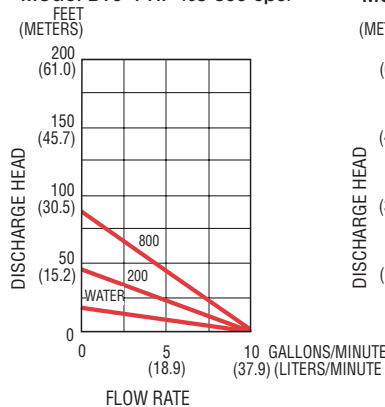
- Sealed
- Tube interchangeable with motors
- Easy disassembly for cleaning
- Stainless Steel and PTFE construction

Performance

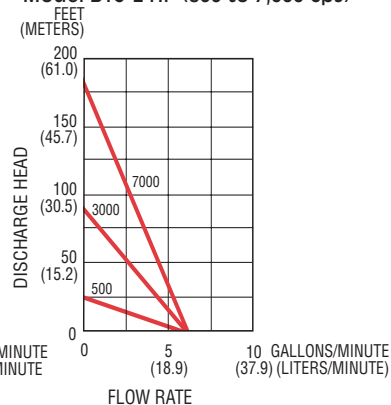
- 10 gpm (38 L/min)
- Up to 15,000 cps
- 200 feet TDH (61 m)
- Maximum 200°F (93°C)



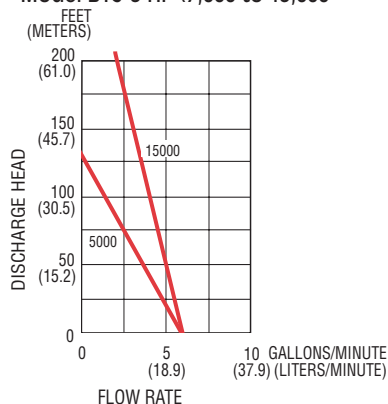
Model BTS-1 HP (to 800 cps)



Model BTS-2 HP (800 to 7,000 cps)



Model BTS-3 HP (7,000 to 15,000)



NOTE: The above information is based on 60 Hz motors. Performance is reduced for 50 Hz.

Tube Specifications



BTS

MODEL	TUBE				SEAL	SHAFT	INTERNALS	HOSE SIZE REQUIRED
	MATERIAL	DIA.	LENGTH					
			in.	cm				
BTS-40	316SS	2" (5.1 cm)	40	102	Graphite filled PTFE	316SS	PTFE	1-1/2"

Motor Specifications



Electric motors are available in 115V or 220V Single or 230V or 460V Three Phase, 50-60 Hz. All are equipped with 12 ft. (366 cm) of heavy duty cord, internal cooling fan, and built-in on/off switch. Motors are continuous duty, UL and CSA listed.



Air motor (M19) shown with regulator valve and muffler. Motors are rated 100 psi at 70-170 cfm.

MODEL	TYPE	VOLTS	HP	CFM	RPM
M15	TEFC	230/460	1	40 - 70 80 - 120 120 - 170	3,450
M16	TEFC	230/460	2		1,725
M17	TEFC	230/460	3		1,725
M18	Air		1		300 - 3,000
M19	Air		2		300 - 3,000
M20	Air		3		300 - 2,500
M27	TEFC	115/230	1		3,450
M28	TEFC	115/230	2		1,725
M29	TEFC	115/230	3		1,725
M39*	TEFC	220/380/440	1		2,900
M40*	TEFC	220/480/440	2		1,425
M24X	ExProof	230/460	1		3,450
M25X	ExProof	230/460	2		1,725
M26X	ExProof	230/460	3		1,725
M33X	ExProof	115/230	1		3,450
M34X	ExProof	115/230	2		1,725

*Above motors are 50 Hz.

*When pumping flammables or combustibles, use only air or explosionproof electric motors on stainless steel tubes with static protection kit #A100836.



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