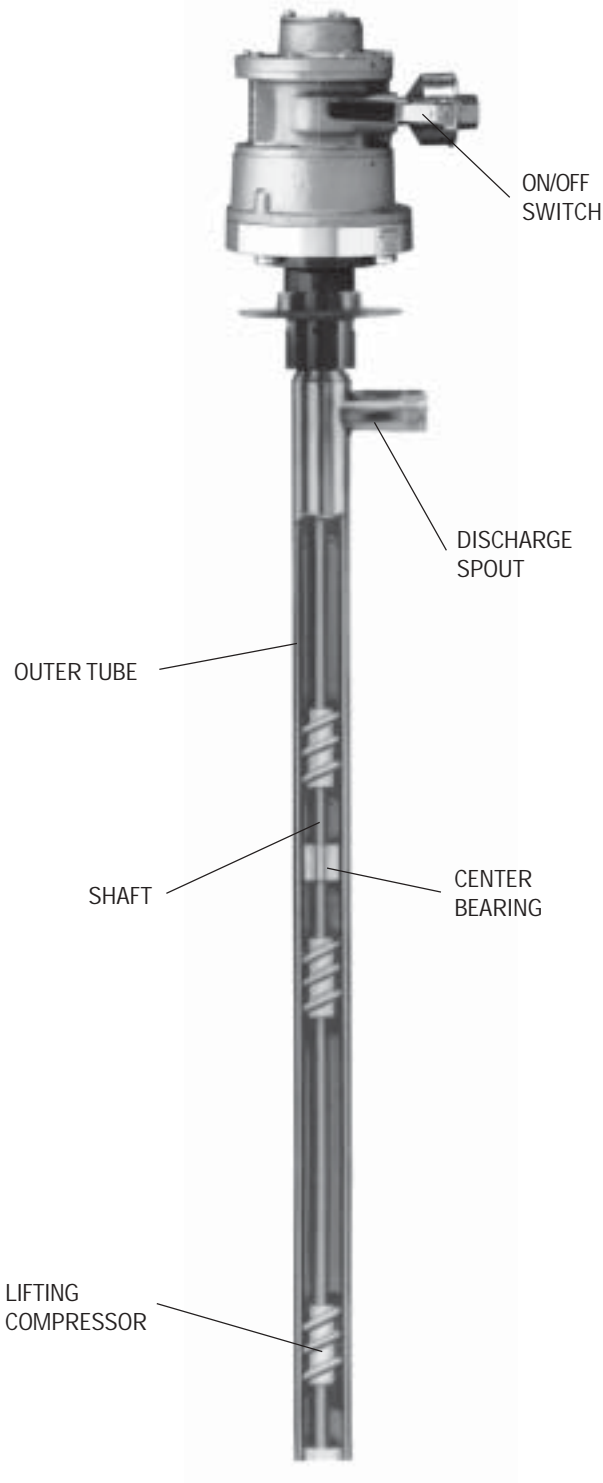


# BT Series

## 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.



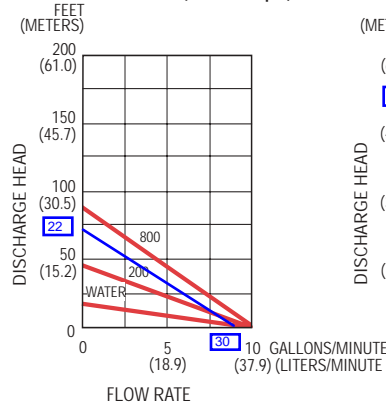
### Features

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

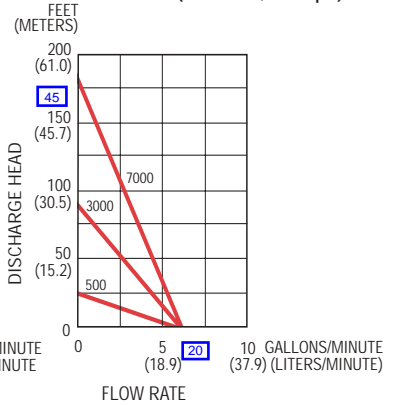
### Performance

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

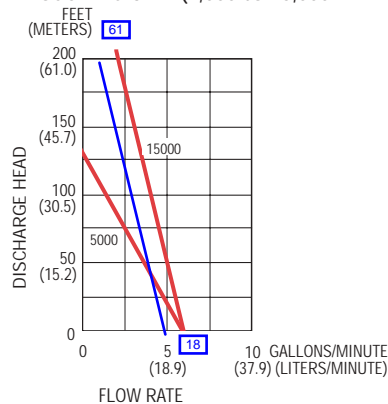
Model BTS-1 HP (to 800 cps)



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.

MODEL	TYPE	VOLTS	HP	CFM	RPM
M15	TEFC	230	1		3,450
M16	TEFC	230	2		1,725
M17	TEFC	230	3		1,725
M18	Air		1	40 - 70	300 - 3,000
M19	Air		2	80 - 120	300 - 3,000
M20	Air		3	120 - 170	300 - 2,500
M27	TEFC	115	1		3,450
M28	TEFC	115	2		1,725
M29	TEFC	115	3		1,725
M39*	TEFC	220	1		2,900
M40*	TEFC	220	2		1,425
M45X <sup>†</sup>	ExProof	230	1		3,450
M46X	ExProof	230	2		1,725
M47X	ExProof	230	3		1,725

\*Above motors are 50 Hz.

<sup>†</sup>When pumping flammables, must use air or explosionproof motors on stainless steel tubes with static protection kit #A100835.



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



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