

CBP PUMP RANGE

DRUM AND BARREL, ADJUSTABLE FLOW, ATEX, CENTRIFUGAL PUMPS



- ∞ PORTABLE DESIGN
- ∞ VISCOSITY <900cP
- ∞ CHOICE OF MATERIAL CONSTRUCTION
- ∞ NO MECHANICAL SEAL
- ∞ ADJUSTABLE FLOW RATE TO 90L/MIN
- ∞ TUBE LENGTH TO 1200MM



∞ DRUM & BARREL PUMP RANGE OVERVIEW

Our range of Drum pumps are designed to resist many types of corrosive liquids. The special design of the CBP range ensures that spillages are collected back in the drum container.

Commonly known as drum emptying pumps, stick pumps or barrel pumps – The Crest Pumps range of Drum pumps set the industry standard for combining efficiency and reliability when processing chemicals, viscous liquids or sticky media from a barrel. This therefore ensures keeping operating costs to a minimum.

Available with electric or pneumatic motors, these pumps have an open impeller that allows for continuous pumping of corrosive liquids with a high viscosity of up to 600cP with a pneumatic motor and up to 900cP. The electric drive pumps are also fitted with a safety cut-out switch that prevents accidental restart after a power outage.

-  **2 YEARS WARRANTY**
-  **ATEX 1 / 2 AVAILABLE**
-  **PORTABLE DESIGN**
-  **EASILY DISMANTLED**
-  **UP TO +95°C**



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INSTALLATION

The CBP range of drum and barrel pumps are most efficient when the shaft is positioned vertically and the pump immersed in the drum.

The impeller is integrated within the shaft body and coupled to the motor which makes it rotate, thus creating centrifugal force.

BODY CONFIGURATION



	TRP BODY POLYPROPYLENE
Suction hose	Ø 42mm
Hose clamp	Ø 25mm
Max. temp	60°C
Total weight Kg	1,4/1,7
Suct. hose material	PP
Shaft material	HASTELLOY or Aisi316
Bushing material	PTFE
Rotor material	ECTFE
Intake port. material	PP
Internal parts	PP+PTFE
Length	900/1200




	TRF BODY PVDF
Suction hose	Ø 40mm
Hose clamp	Ø 25mm
Max. temp	95°C
Total weight Kg	1,6/1,9
Suct. hose material	PVDF
Shaft material	HASTELLOY
Bushing material	PTFE
Rotor material	ECTFE
Intake port. material	ECTFE
Internal parts	PVDF+PTFE
Length	900/1200



	TRA BODY 316 STAINLESS STEEL
Suction hose	Ø 42.5mm
Hose clamp	Ø 25mm
Max. temp	95°C
Total weight Kg	4,3/5,3
Suct. hose material	Aisi 316
Shaft material	Aisi 316
Bushing material	PTFE
Rotor material	ECTFE
Intake port. material	ECTFE
Internal parts	PTFE+PPS+V
Length	900/1200



	 TRAX ATEX 400X BODY 316 STAINLESS STEEL
Suction hose	Ø 42.5mm
Hose clamp	Ø 25mm
Max. temp	95°C
Total weight Kg	3/4,4/5,3
Suct. hose material	Aisi 316
Shaft material	Aisi 316
Bushing material	PTFE
Rotor material	ECTFE
Intake port. material	ECTFE
Internal parts	PTFE+PPS+V
Length	700/1000/1200

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PERFORMANCE DATA

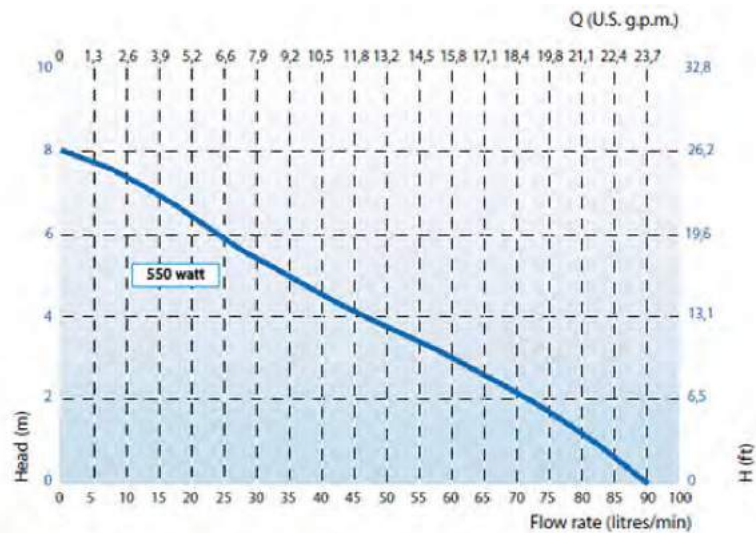
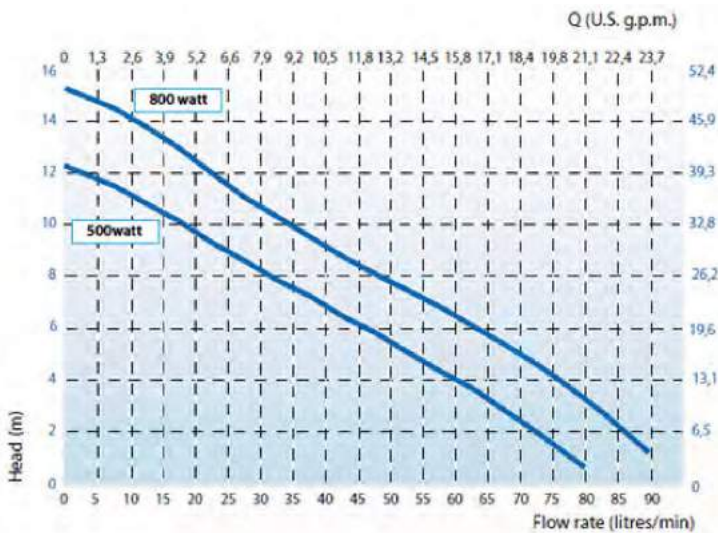


	MOTOR POWER (Watt)	MOTOR VOLTAGE	MOTOR PROTECTION	MOTOR CLASS	FLOW RATE	VISCOSITY	WEIGHT (Kg)
ELECTRIC MOTOR 500 WATT	500	230V/115V* single phase *on request	IP 54	F	80l/min	600cps	3.7
ELECTRIC MOTOR 800 WATT	800	230V single phase	IP 54	F	90l/min	900cps	3.7
ELECTRIC MOTOR 550 WATT with earth cable & EX plug	550	230V single phase	IP 54	F	100l/min	600cps	11



11 2 G Ex de 11A T6


PERFORMANCE DATA



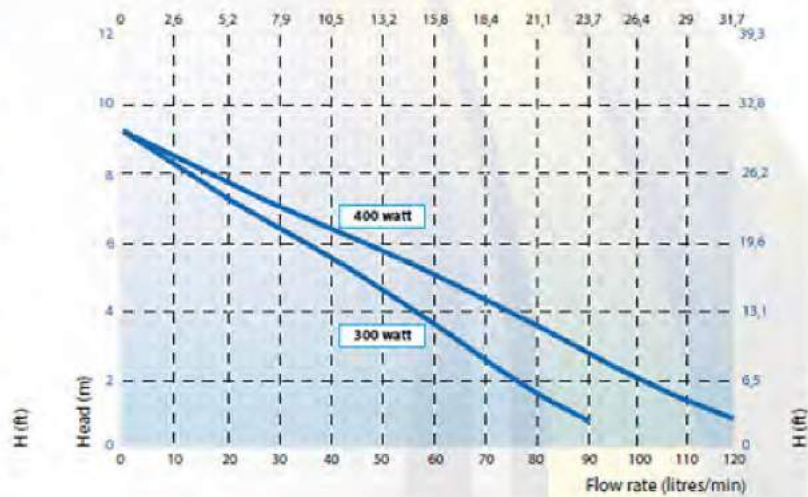
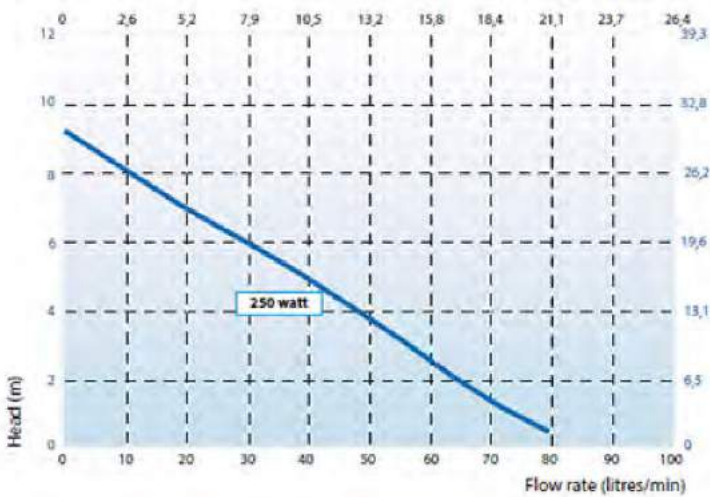
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∞ PNEUMATIC MOTOR OPTIONS

	MOTOR POWER (Watt)	FLOW RATE	VISCOSITY	WEIGHT (Kg)
 PNEUMATIC MOTOR	0,33 HP a 7bar (250 watt)	80l/min	600cps	1.1
 PNEUMATIC MOTOR Ex 11 2 G Ex de 11A T6 (80°C) X	0,40 HP a 6bar (300 watt)	90l/min	400cps	3
 PNEUMATIC MOTOR Ex 11 2 G Ex de 11A T6 (80°C) X	0,54 HP a 6bar (400 watt)	120l/min	600cps	-

∞ ELECTRIC MOTOR CONSUMPTION



∞ APPLICATIONS

-  **CHEMICAL MANUFACTURING**
-  **PETROLEUM**
-  **WASTE WATER TREATMENT**
-  **PHARMACEUTICAL**
-  **AGRICULTURE**
-  **FOOD & BEVERAGE PRODUCTION**

-  **BIOTECH**
-  **BREWERY**
-  **COSMETIC INDUSTRY**
-  **POULTRY INDUSTRIES**
-  **PLATING**
-  **ANAEROBIC DIGESTION**