

# HEAVY DUTY CHEMICAL TRANSFER PUMP

## Description

### Suitable for highly aggressive solutions

The Braude Heavy Duty pump is a short coupled transfer pump manufactured in high integrity polymers and with a choice of internal or external water flushed seals, suitable for highly corrosive solutions such as hydrochloric, hydrofluoric, nitric and sulphuric acids, as well as other aggressive chemicals.

The pump is constructed from high performance polymers such as PVDF, cPVC for high chemical and impact resistance.

Flow rate to 22000 litres/hr



## Key features

- Body in PVDF, PVC or PP
- Handles solutions containing solids
- High temperature performance up to 100°C
- Corrosion & stain resistant
- High flow rate delivered at high head. Flow rates up to 22m<sup>3</sup>/hr
- Open non-clogging impeller
- Choice of mechanical seals to suit application
- Double water flushed seal available for solutions containing solids

## Used By

- Steel Strip Manufacturers
- Wire & Tube Manufacturers
- Metal Finishers
- Chemical Plants
- Galvanising Industry
- Aerospace Industry
- Chemical Millers
- Glass Producers

A choice of mechanical seals are available including non metallic for chemical general chemical transfer and double water flushed seals for solutions that contains solids such as electroless plating or acid pickling. Water regulating kits can be supplied with the pumps.

**BRAUDE Products will not corrode**

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## Technical specification

Model	165P	365P	366P	665P	666P
HP/kW	0.5/0.37	0.75/0.55	1.0/0.75	1.5/1.12	2.0/1.5
Inlet/Outlet	1.25"	1.25"	1.25"	1.25"	1.25"
Min. System pipe size (mm)	40	40	40	40	40
<b>Operating Head and Flow Rate</b>					
Head (m)/m <sup>3</sup> /hr	6/3.26	6/7.25	6/8.75	6/10.5	6/16.6
Max Head	7.56	13	17	19	23
Motor input (W)	552	815	1010	1520	1800
Motor output (W)	371	556	735	1100	1500
Rated current at 415V	0.98	1.43	1.82	2.31	3.2
Max operating temperature	100°C	100°C	100°C	100°C	100°C
Motor speed (rpm)	2850	2850	2850	2850	2850
<b>Physical characteristics</b>					
Weight (kg)	15	18	20	22	25
Length (mm)	457	457	457	482	482
Height (mm)	187	187	187	193	193
Width (mm)	175	175	175	175	175

Manufacturer reserves the right to change dimensions with out prior notice.  
Available in 6 motor sizes from 0.37kW, either single or three phase, all rated IP55. For electroless solutions or those containing solids use a water flushed seal.  
Bodies in PP, PVDF or CPVC



**Constructed from High Performance Polymers**