

FLEXIBLE IMPELLER PUMPS – HYGIENIC

Jabsco Hygienic Flexible Impeller Pumps handle low and high-viscosity liquids, gels and pastes and can pass suspended soft and hard solids with minimal damage. The output flow is smooth, steady and totally pulsation-free and their gentle pumping action will not break down shear-sensitive or fragile liquids. Designed to be cleaned in place or easily strip-cleaned, Jabsco flexible impeller pumps frequently offer a more suitable and cost-effective alternative to many other pump types.

FLEXIBLE IMPELLER Hygienic Positive Displacement Pump



Options



Pedestal Pumps

- Foot-mounted to couple to gearbox or belt-drive
- Hygienic rubber impeller
- Long-life mechanical shaft seal
- All 316 grade Stainless Steel parts with high surface finish
- Used in Food, Dairy, Beverage, Healthcare & Cosmetics sectors



Motor Mount Pumps

- Used in Food, Dairy, Beverage, Healthcare & Cosmetics sectors
- Close-coupled to motor (unibloc); compact and economical
- Suitable for mounting onto standard IEC or NEMA motors
- Hygienic rubber impeller
- Long-life mechanical shaft seal
- All 316 grade Stainless Steel parts with high surface finish



Milk Tanker Pumps

- Specialised pumps for Milk Tanker loading at dairy farms
- Bulkhead mounted for hydraulic drive
- Quick-release end-cover for winter drain-down and inspection
- By-pass option for effective CIP without the need to run the pump
- Hygienic rubber impeller



Flexible Impeller										
Pump Model (US)	282x0 (30550)		283x0 (30560)		284x0 (30570)		285x0 (30580)		286x0 (N/A)	
Size	40		80		200		370		500	
Mounting	Pedestal	Head Kit	Pedestal	Head Kit	Pedestal	Head Kit	Pedestal	Head Kit	Pedestal	Head Kit
Port Size (mm) (inch)	25 1	25 1	25 1	25 1	38 1½	38 1½	50 2	50 2	63 2½	63 2½
Max Flow (per min)* (litre) (US gal)	58 15.3	58 15.3	128 33.8	128 33.8	225 59.5	225 59.5	365 96	365 96	500 132	500 132
Max Pressure* (bar) (psi)	3 43	3 43	4.5 65	4.5 65	4.5 65	4.5 65	3 43	3 43	4 58	4 58
Max Speed (RPM)	2500	2500	2500	2500	1800	1800	1500	1500	1500	1500
Size LxBxH (inc ports) (mm) (inch)	169x115x147 6.5x4.5x5.75	115x115x115 4.5x4.5x4.5	214x130x160 8.5x5x6.25	136x130x130 5.25x5x5	260x162x180 10.25x6.25x7	167x162x162 6.5x6.25x6.25	331x186x218 13x7.25x8.5	193x186x186 7.5x7.25x8.5	475x192x224 18.75x7.5x8.75	230x192.5x192 9x7.5x7.5
Bareshaft Weight (kg) (lbs)	2.9 6.4	2.5 5.5	4.4 9.7	3.5 7.7	9.1 20	6.6 14.5	14.7 32	10 22	22 48.5	15 33
Temp Neoprene °C (°F)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)	65 (149)
Temp EPDM °C (°F)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)	120 (248)
Viscosity (cP)	1 to 50,000									

* Data Dependant on duty

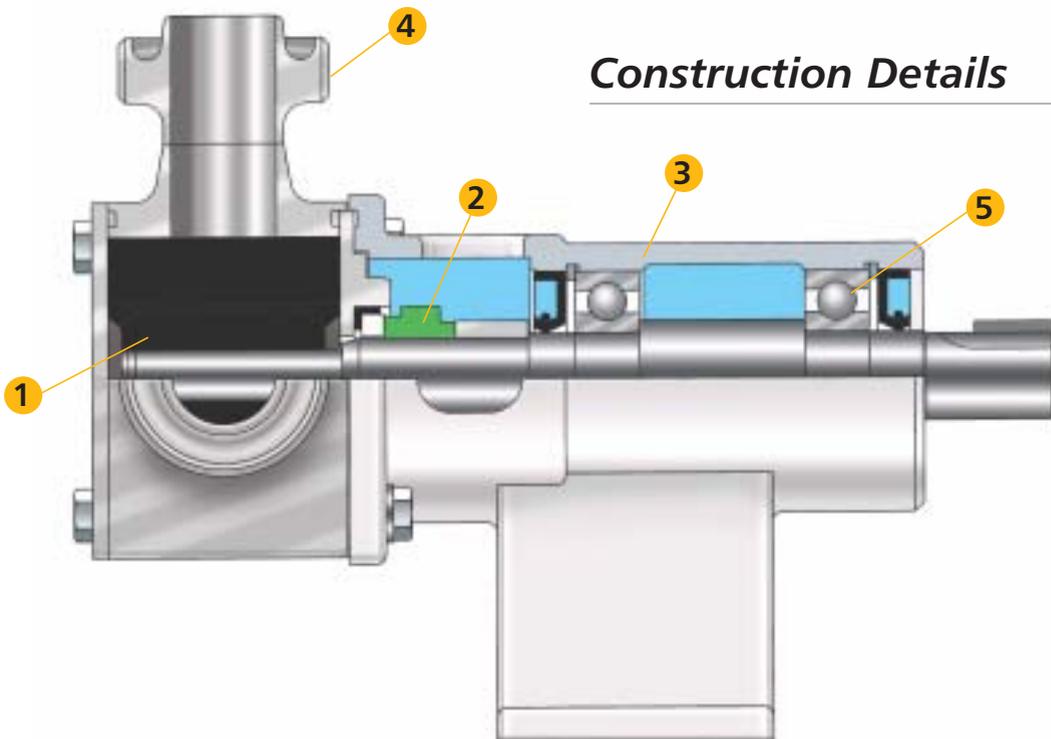
Design Features

- Dry self priming
- All 316 Stainless Steel parts with high surface finish
- Hygienic rubber impeller leaves no taste or odour
- Elastomers Certified to US 3A Standard 18-03
- Pump certified to US 3A Standard 02-10
- Long-life mechanical shaft seal
- Easy strip-to-clean
- USDA Approved
- Variety of port and impeller material options
- Chemical-resistant 316 Stainless Steel parts
- Rugged heavy-duty construction
- Replaceable wearplates
- Passes even hard metal particles without stalling
- Long-life mechanical shaft seal
- Variety of shaft seal options
- 3A Variants - Must be specified with HYG Neoprene or EPDM.
- Port Options - Tri-Clamp, IDF, 3A, DIN 11851



Model 28320

Construction Details



- 1 Food grade rubber impeller available in Neoprene, EPDM and Nitrile options which fully conform to today's **stringent hygienic standards**.
- 2 Wide variety of long-life interchangeable seal types to suit many applications makes **service & maintenance easy**.
- 3 Choice of **head kit or pedestal bearing housing** satisfies the individual's requirement for unitisation. On larger models, **bulkhead mounted pumps** are available if the option of fitting to hydraulic drive is required.
- 4 Range of port options for **maximum flexibility**.
- 5 **Long life, high specification** bearings give over 1 million hours life on a typical duty.