

28680 Series

Stainless Steel Head Kit Pump

Features

- Self primes from dry up to 5.0 metres
- Flows up to 520 litres per minute
- Pressure up to 5.0 bar†
- Handles hard or soft solids - max. 14mm dia
- Tolerates abrasive wear - replacable wearplate
- Non pulsating flow, proportional to speed
- Handles viscosities up to 10,000 centiPoise
- Minimal shear to thixotropic fluids
- Easy to service and maintain



Typical Applications

- Acids and alkalis, compounds, copper sulphate, methyls, alcohols.
- Industrial chemicals, resins, oils, fatty acids, brine.
- Detergents, soaps, hydrogen peroxide.
- Paints, dyes, inks, varnishes, laquers, solvents.
- Transfer, filling, recirculation and agitation, spillage return, spraying, coating, filtration.
- Viscous, shear-sensitive fluids, small hard and soft solids in suspension.

Specifications

Seal : Carbon / Ceramic mechanical face seal

Seal Elastomers : Nitrile

Pump Head : Stainless steel 316, as-cast interior and exterior finish

End Cover : Stainless steel 316 grade

Shafts : Stainless steel 316 grade, special motor shaft

Bearings : Uses motor bearings

Motor Adaptor : Cast 316 grade Stainless steel

Ports : 3" BSP external thread to BS21 (DIN2999)

Weight : 12.5kg

Model Range

Impeller options	Standard Pressure - Max. 2.0 bar		High Pressure - Max. 5.0 bar†	
Elastomer option	3A Neoprene		3A Neoprene	
Temperature range	4°C to 65°C		4°C to 65°C	
Mechanical Seal Option				
Carbon/Ceramic			28680-2125	

For models not listed above, consult distributor or factory

Note : it is not recommended to start the pump at extremes of the temperature range, impeller damage may occur

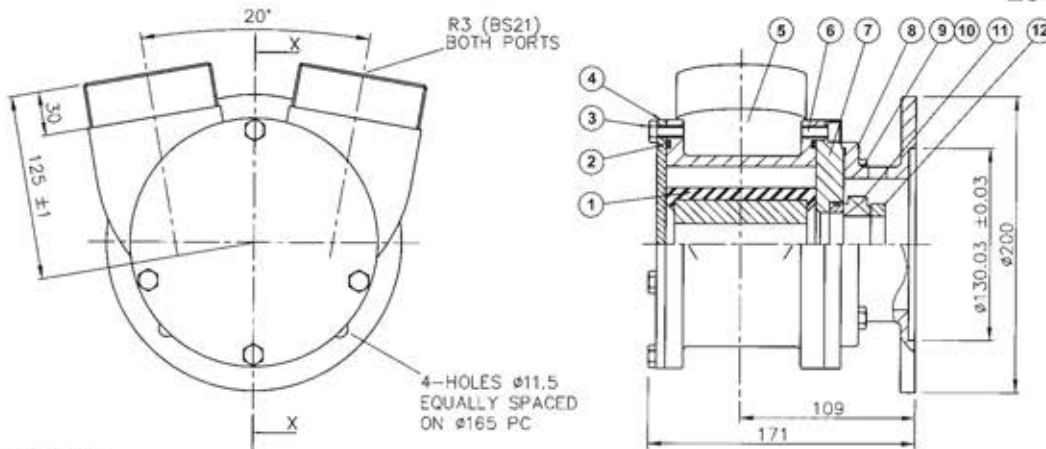
For Installation, Operating, Maintenance and Safety Instructions refer to form 43001-0543



WARNING Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.

† Pressures over 3.0 bar may reduce motor shaft life

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Dimensions in mm

For performance data refer to the 500 size flexible impeller pump performance curves

Parts List

Key	Description	Qty	Part Number
1	Impeller* (Std Pressure)	1	8500-0005
	(High Pressure)	1	21899-0005B
2	O'Ring *	2	X2000-1213
3	Screw (Endcover)	4	X3001-209F
4	Endcover	1	23975-0000
5	Body	1	23974-2000
6	Screw (Wearplate)	4	X3007-209F
7	Wearplate	1	28635-0000
8	Motor Adaptor	1	22254-0020
9	Screw (Motor Adaptor)	4	X3001-209F
10	Washer (Motor Adaptor)	4	X3080-101F
11	Seal Assembly *	1	22644-6000
12	Seal Spacer	1	28638-0000

Parts marked * Contained in service kit

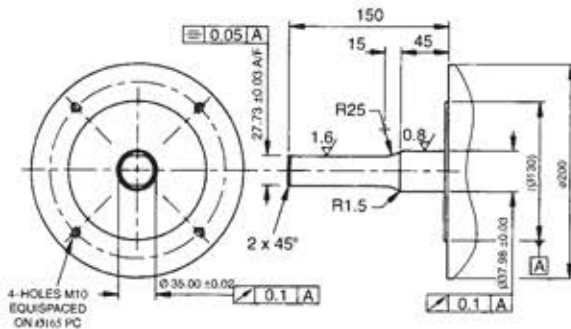
Spare Parts & Service Kits

Service Kit for Neoprene High pressure impeller only :
SK315-0225

Models with Neoprene impellers use Nitrile elastomers on seals and O-rings.

Other Available Options

Pedestal pumps, for coupling to motor, gearbox or pulley.



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