

200 Size Stainless Steel FIP Head Kit Pump

11/00

28440 Series

Stainless Steel Head Kit Pump

Features

- Self primes from dry up to 5.0 metres
- Flows up to 200 litres per minute
- Pressure up to 2.5 bar[†]
- · Handles hard or soft solids max. 9mm dia
- Tolerates abrasive wear replacable wearplate
- Non pulsating flow, proportional to speed
- Handles viscosities up to 4.000 centiPoise
- Minimal shear to thixotropic fluids
- Fits IEC standard motor B3/B14, frame 90

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 Optional:

 Tungsten Carbide / Ceramic hard faced mechanical seal

Nitrile Lip seal on shaft sleeve
Carbon / Ceramic flushed seal

 Tungsten Carbide / Ceramic hard faced flushed seal

Seal Elastomers: Nitrile or Viton

Pump Head: Stainless steel 316, as-cast interior

and exterior finish

End Cover: Stainless steel 316 grade

Shafts: Stainless steel 316 grade, shaft extension

Bearings: Uses motor bearings

Motor Adaptor: Epoxy coated cast iron

Ports: 1½" BSP internal thread to BS21 (DIN2999)

Weight: 6.4kg

Pressure options	Medium - Max 2.5 bar⁺					
Elastomer option	Neoprene	E.P.D.M.	Nitrile	Viton®		
Temperature range	4°C to 65°C	0°C to 120°C	-5°C to 90°C	10°C to 90°C		
Mechanical Seal Options						
Carbon/Ceramic	28440-2115	28440-2112	28440-2113	28440-2114		
Tungsten Carbide/Ceramic hard faced			28440-2213			
Lip seal	28440-2415					
Flushed Mechanical Seal						
Tungsten Carbide/Ceramic hard faced	28440-2715					
Carbon/Ceramic	28440-2915					

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



Model Range

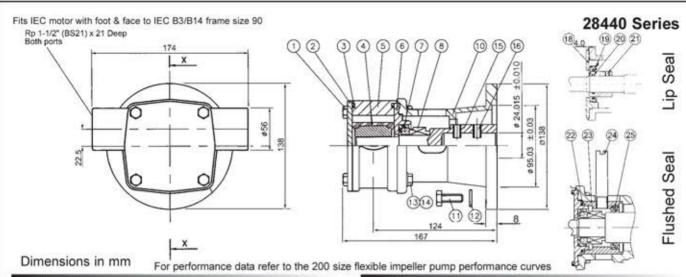
ARNING Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.

† Pressures over 1.4 bar may reduce motor shaft life



200 Size Stainless Steel FIP Head Kit Pump

11/00



Parts List

Key	Description	Qty	Part Number	
1	Screw	4	X3001-207F	
2	Endcover	1	28405-0010	
3	O'Ring *	2	See right	
4	Impeller*	1	See right	
5	Body	1	28434-2000	
6	Wearplate	1	28436-0000	
7/8		1	See right	
10	Motor Adaptor	1	28423-0000	
11	Screw	4	X3001-209F	
12	Washer	4	X3080-101K	
13	Screw	4	X3001-209F	
14	Washer	4	X3080-101K	
15	Shaft Extension	1	28427-0001	
16	Set Screw	2	X3009-203A	
18	Wearplate	1	28466-0000	
19	Lip Seal	1	SP2701-0915	
20	O-Ring	1	X4020-227A	
21	Seal Spacer	1	28465-0001	
22	O-Ring	1	X4020-261A	
23	Seal Housing	1	28412-0000	
24	Tube	2	21844	
25	Seal	1	SP2701-0915	

Spare Parts & Service Kits

3	O-Ring	Nitrile	X4020-399A	
	O-King	Viton	X4020-399B	
4		Neoprene	14346-0005B	
	Impeller	E.P.D.M.	14346-0002B	
	Impeliar	Nitrile	14346-0013B	
		Viton	14346-0014B	
7/8	Std Mech. Seals	Nitrile	28431-0103B	
	old Mech. Seals	Viton	28431-0104B	
	Hard Faced	Nitrile	28431-0203B	
	naid Faced	Viton	28431-0204B	
Service Kit		Neoprene	SK378-0115	
		rvice Kit Nitrile		
		Viton	SK378-0114	
Mode	els with Neonrene	and FPDM	impellers use Nitrile	

Models with Neoprene and E.P.D.M. impellers use Nitrile elastomers on seals and O-rings.

Viton is a registered trademark of DuPont Dow Elastomers.

Other Available Options

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

Jabsco

USA

Jabsco

1485 Dale Way Costa Mesa CA 92628-2158

Tel: +1 714 545 8251 Fax: +1 714 957 0609

UK

Jabsco

Bingley Road Hoddesdon Hertfordshire, EN11 0BU

Tel: +44 (0) 1992 450 145 Fax: +44 (0) 1992 467 132

GERMANY

Jabsco GmbH

Oststraße 28 22844 Norderstedt

Tel : +49 (0) 40 53 53 73 0 Fax : +49 (0) 40 53 53 73 11