

## 28360 Series Epoxy Head Kit Pump

### Features

- Self primes from dry up to 5.0 metres
- Flows up to 160 litres per minute
- Pressure up to 2.5 bar<sup>†</sup>
- Handles hard or soft solids - max. 5mm 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 80



### 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** : Epoxy

**End Cover** : Epoxy

**Shaft** : Epoxy coated stainless steel shaft extension

**Bearings** : Uses motor bearings

**Motor Adaptor** : Epoxy coated cast iron


**Ports** : 1" BSP external thread to BS21 (DIN2999)

**Weight** : 2.1kg

### Model Range

Pressure option	Standard - Max 2.5 bar <sup>†</sup>			
Elastomer option	Neoprene	E.P.D.M.	Nitrile	Viton®
Temperature range	4°C to 80°C	4°C to 100°C	10°C to 90°C	15°C to 90°C
Mechanical Seal Options				
Carbon/Ceramic	28360-2101		28360-2103	28360-2104
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				

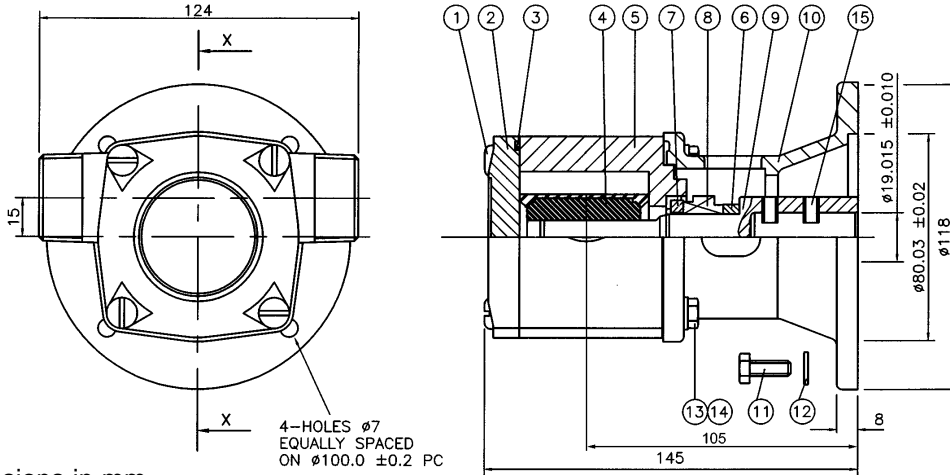
**⚠ WARNING** Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.



† Pressures over 1.7 bar may reduce motor shaft life

Fits IEC motor with foot & face to IEC B3/B14 frame size 80

### 28360 Series



Dimensions in mm

For performance data refer to the 080 size flexible impeller pump performance curves

#### Parts List

Key	Description	Qty	Part Number
1	Screw	4	X3002-128F
2	Endcover	1	28355-0000
3	O'Ring *	2	See right
4	Impeller*	1	See right
5	Body	1	28354-2000
6	Seal Spacer	1	28319-0002
7 / 8	Seal Assembly *	1	See right
9	Shaft Extension	1	28367-0001
10	Motor Adaptor	1	28323-0000
11	Screw	4	X3001-180F
12	Washer	4	X3080-091K
13	Screw	4	X3001-182F
14	Washer	4	X3080-091K
15	Set Screw	2	X3009-176A

Parts marked \* Contained in service kit

#### Spare Parts & Service Kits

3	O-Ring	Nitrile	X4020-269A
		Viton	X4020-269B
4	Impeller	Neoprene	14282-0001B
		Nitrile	14282-0003B
		Viton	14282-0004B
7 / 8	Std Mech. Seals	Nitrile	28331-0103B
		Viton	28331-0104B
	Hard Faced	Nitrile	28331-0203B
		Viton	28331-0204B
Service Kit		Neoprene	SK377-0101
		Nitrile	SK377-0103
		Viton	SK377-0104

Models with Neoprene 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.

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