**DB Series: Model DB8**

**FEATURES & CAPABILITIES**

+ Five-year warranty
+ Extended run dry ability (with carbon bushing)
+ High operating efficiency
+ Polypropylene or PVDF construction
+ Powerful neodymium magnets
+ Close-coupled design
+ Threaded (NPT or BSP), flanged, or union connections
+ Horizontal or vertical installation with IEC motor
+ Back pullout design
+ Mounts to NEMA and IEC (B5 & B14) motor frames
+ Easy set measurement free drive
+ ISO 1940 G2.5 balancing
+ CE certified/ATEX available
+ Working pressure to 80 psi (5.5 bar)
+ Specific gravity over 1.8
+ Viscosity up to 150 cP
+ Polypropylene—180° F (82° C)
+ PVDF—220° F (104° C)

**APPLICATIONS**

+ Chemical processing
+ Plating
+ Water and wastewater
+ Electronics
+ Pharmaceuticals
+ Wet scrubber
+ Pulp and paper
+ Heat exchanger
+ and many more!
Description | Polypropylene Models | PVDF Models
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1 Impeller housing | Glass-fiber reinforced polypropylene | Carbon-fiber reinforced PVDF
1A Impeller housing thrust ring options | High-purity alumina ceramic, silicon carbide | Neodymium iron boron magnets encapsulated in unfilled polypropylene
2 O-ring options | FKM, EPDM, Simriz®, Kalrez® | Neodymium iron boron magnets encapsulated in unfilled PVDF
3 Impeller | Glass-fiber reinforced polypropylene | Carbon-fiber reinforced PVDF
3A Impeller thrust ring options | Glass-molybdenum disulfide filled PTFE, silicon carbide | Carbon-fiber reinforced polypropylene
4 Inner drive | Neodymium iron boron magnets encapsulated in unfilled polypropylene | Neodymium iron boron magnets encapsulated in unfilled PVDF
5 Bushing options | Carbon, PTFE, high-purity alumina ceramic, silicon carbide | High-purity alumina ceramic, Hastelloy® C, silicon carbide
6 Shaft options | High-purity alumina ceramic, Hastelloy® C, silicon carbide | Hastelloy® C, silicon carbide
7 Barrier | Glass-fiber reinforced polypropylene | Carbon-fiber reinforced PVDF
7A Barrier thrust ring | High-purity alumina ceramic | Carbon, PTFE, high-purity alumina ceramic, silicon carbide
8 Clamp ring | Ductile iron | Carbon, PTFE, high-purity alumina ceramic, silicon carbide
9 Motor adapter | Glass-fiber reinforced polypropylene | Hastelloy® C, silicon carbide
10 Outer drive magnet | Nickel plated neodymium iron boron magnets/steel | Neodymium iron boron magnets/steel
11A Motor adapter sealing option | Buna N (STD), FKM, EPDM | Buna N (STD), FKM, EPDM (NEMA only)
11B Sealing option | Buna N (STD), FKM, EPDM (NEMA only) | Buna N (STD), FKM, EPDM (NEMA only)
11C Motor adapter (NEMA only) | Buna N (STD), FKM, EPDM (NEMA only) | Buna N (STD), FKM, EPDM (NEMA only)

Note: Weights listed above are for pumps only. Motor weights not included.

Dimensions and weights are for reference only. Varies with motor manufacturer.

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