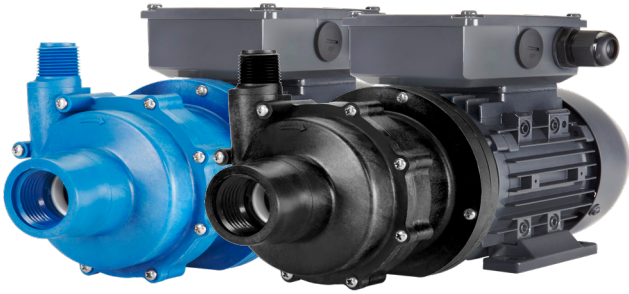




# DB SERIES

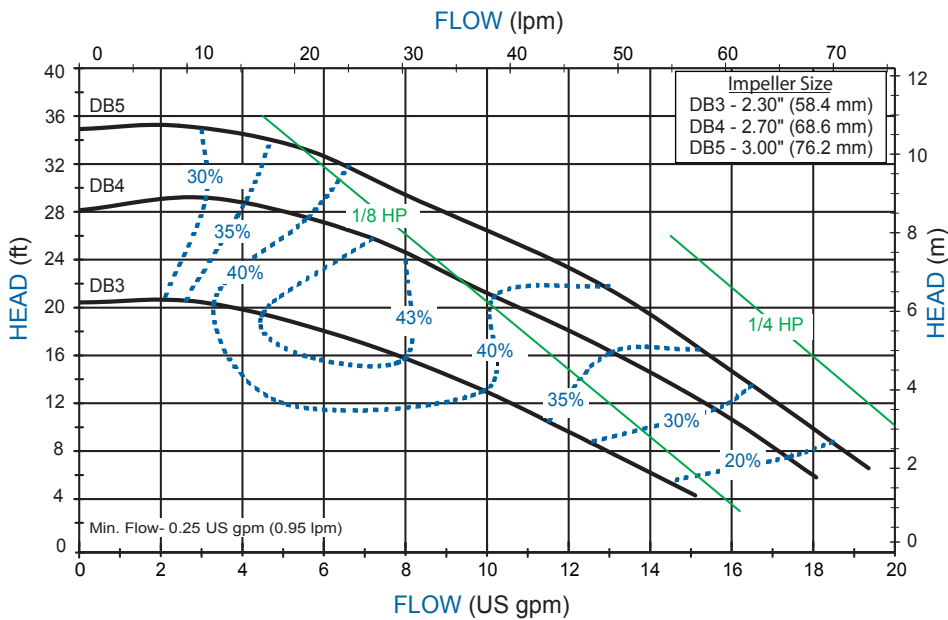
## MODELS DB3, DB4, DB5



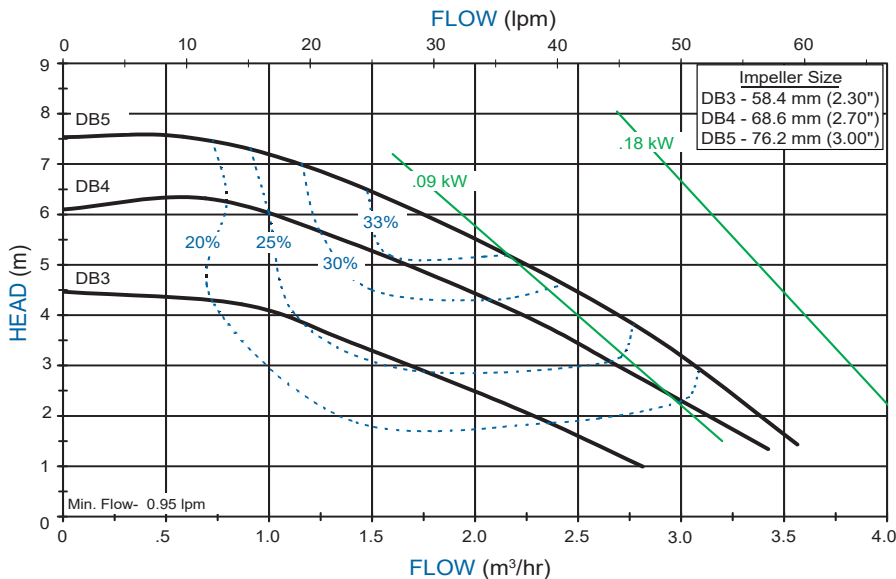
**5**  
YEAR  
WARRANTY



### DB3/4/5 PERFORMANCE 3450 RPM



### DB3/4/5 PERFORMANCE 2900 RPM



## 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 connections
- Horizontal or vertical installation
- Back pullout design
- Mounts to IEC 56, 63, & 71 B14 motor frames
- Easy set, measurement free drive
- CE certified
- Working pressure to 60 psi (4.1 bar)
- Specific gravity over 1.8
- Viscosity up to 150 cP
- Polypropylene—180° F (82° C)
- PVDF—220° F (104° C)

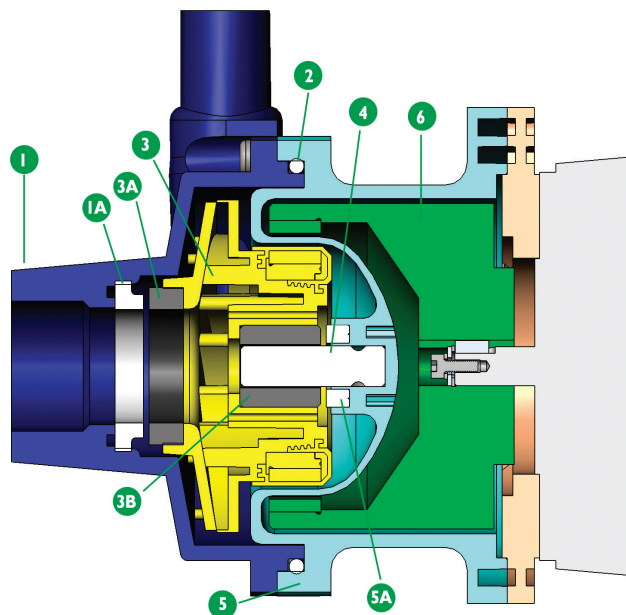
## APPLICATIONS

- Chemical processing
- Plating
- Water and wastewater
- Electronics
- Pharmaceuticals
- Wet scrubber
- Pulp and paper
- Heat exchanger
- and many more!

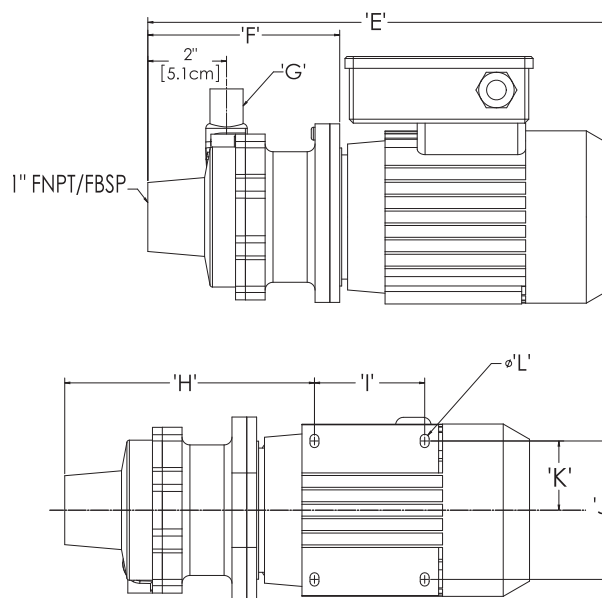
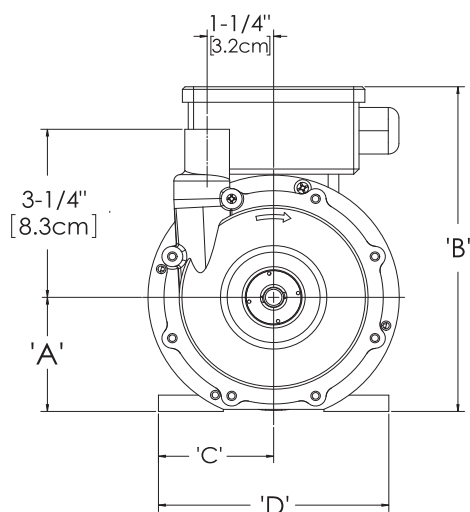
# DB SERIES

## SPECIFICATIONS

| Description                     | Polypropylene                                                                 | PVDF                                                                   |
|---------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1 Impeller housing              | Glass-fiber reinforced polypropylene (GF PP)                                  | Carbon-fiber reinforced PVDF (CF PVDF)                                 |
| 1A Impeller housing thrust ring | High purity alumina ceramic                                                   |                                                                        |
| 2 O-ring                        | FKM or EPDM                                                                   |                                                                        |
| 3 Impeller                      | GF PP and neodymium iron boron magnets encapsulated in unfilled polypropylene | CF PVDF and neodymium iron boron magnets encapsulated in unfilled PVDF |
| 3A Impeller thrust ring         | Glass-fiber molybdenum disulfide filled PTFE                                  |                                                                        |
| 3B Bushing                      | Carbon, PTFE, high purity alumina ceramic                                     |                                                                        |
| 4 Shaft                         | High purity alumina ceramic                                                   |                                                                        |
| 5 Barrier/Motor adapter         | GF PP                                                                         | CF PVDF                                                                |
| 5A Barrier thrust ring          | Silicon carbide                                                               |                                                                        |
| 6 Outer drive magnets           | Nickel-plated neodymium iron boron magnets/epoxy painted steel                |                                                                        |



## DIMENSIONS



| Motor Frame  | A                 | B                 | C                 | D                  | E                   | F                 | G              | H                  | I                 | J                | K                | L              | Weight - lbs. [kg] |             |
|--------------|-------------------|-------------------|-------------------|--------------------|---------------------|-------------------|----------------|--------------------|-------------------|------------------|------------------|----------------|--------------------|-------------|
|              |                   |                   |                   |                    |                     |                   |                |                    |                   |                  |                  |                | PP                 | PVDF        |
| IEC 56 w/B14 | 2-7/32" [5.6 cm]  | 6-9/32" [16 cm]   | 2-3/16" [5.5 cm]  | 4-11/32" [11 cm]   | 11-25/32" [29.9 cm] | 4-7/8" [12.4 cm]  | 1/2" [1.27 cm] | 6-11/32" [16.1 cm] | 2-25/32" [7.1 cm] | 3-1/2" [8.9 cm]  | 1-3/4" [4.5 cm]  | 1/4" [0.58 cm] | 3.7 [1.7]          | 4.05 [1.84] |
| IEC 63 w/B14 | 2-15/32" [6.3 cm] | 6-3/4" [17.1 cm]  | 2-23/32" [6.9 cm] | 5-13/32" [13.7 cm] | 12-25/32" [32.5 cm] | 4-7/8" [12.4 cm]  | 1/2" [1.27 cm] | 6-25/32" [17.2 cm] | 3-5/32" [8 cm]    | 3-15/16" [10 cm] | 1-31/32" [5 cm]  | 1/4" [0.58 cm] | 3.7 [1.7]          | 4.05 [1.84] |
| IEC 71 w/B14 | 2-13/16" [7.1 cm] | 7-3/16" [18.3 cm] | 2-23/32" [6.9 cm] | 5-13/32" [13.7 cm] | 13-5/16" [33.8 cm]  | 5-5/32" [13.1 cm] | 1/2" [1.27 cm] | 7-1/32" [17.9 cm]  | 3-17/32" [9 cm]   | 4-3/8" [11.1 cm] | 2-3/16" [5.6 cm] | 5/16" [0.8 cm] | 3.9 [1.77]         | 4.35 [1.97] |

Dimensions and weights are for reference only. Weights listed are for pump only; motor not included.