

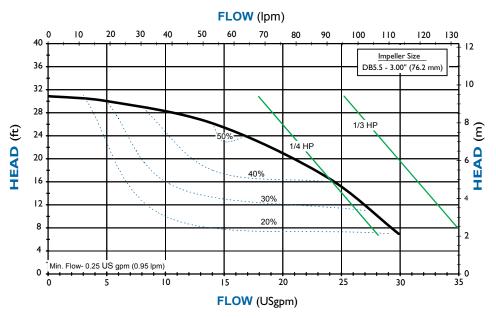
## **DB Series:** Model DB5.5



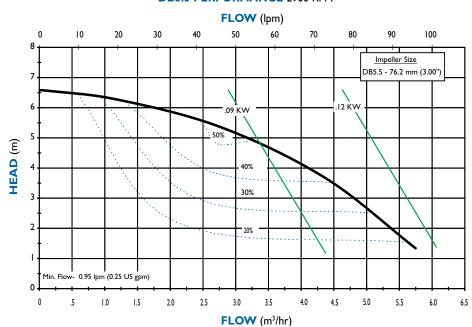




#### **DB5.5 PERFORMANCE 3450 RPM**



#### **DB5.5 PERFORMANCE 2900 RPM**



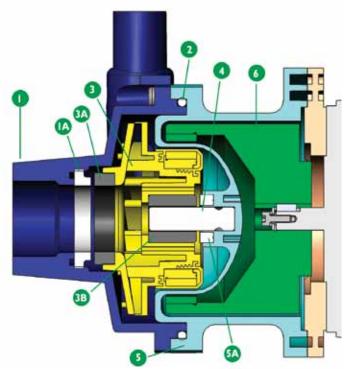
# FEATURES & CAPABILITIES

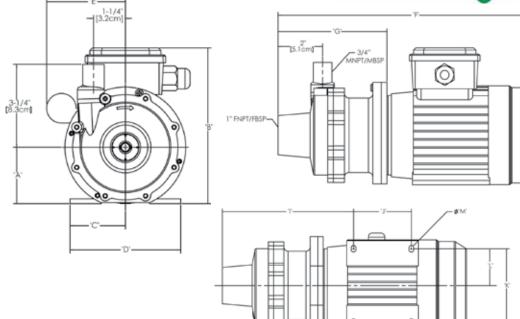
- + Five-year warranty
- + Extended run dry ability (with carbon bushing)
- + High operating efficiency
- + Polypropylene or PVDF construction
- + Powerful neodymium magnets
- + Close-coupled design
- + Threaded NPT or BSP connections
- + Horizontal or vertical installation
- + Back pullout design
- + Mounts to IEC 63 & 71 B14 motor frames
- + Easy set, measurement free drive
- + CE certified
- + Working pressure to 60 psi (4.1 bar)
- + Specific gravity up to 1.8
- + Viscosity up to 150 cP
- + Polypropylene—I 80° 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				
T	Impeller housing	Glass-fiber reinforced polypropylene	Carbon-fiber reinforced PVDF				
IA	Impeller housing thrust ring	High-purity alumina ceramic					
2	O-ring options	FKM, EPDM					
3	Impeller	Glass-fiber reinforced polypropylene and neodymium iron boron magnets encapsulated in unfilled polypropylene	PVDF and neodymium iron boron magnets encapsulated in unfille PVDF				
3A	Impeller thrust ring	Glass-fiber molybdenum disulfide filled PTFE					
3B	Bushing options	Carbon, PTFE, High-purity alumina ceramic					
4	Shaft	High-purity alumina ceramic					
5	Barrier / Motor adapter	Glass-fiber reinforced polypropylene	Carbon-fiber reinforced PVDF				
5 <b>A</b>	Barrier thrust ring	High-purity alumina ceramic					
6	Outer drive magnet	Nickel plated neodymium iron boron magnets/epoxy painted steel					





<sup>1</sup>Dimensions for K, L, and M can be found in the Outline Dimensions booklet in the Downloads section of www. finishthompson.com.

Motor									Weight ·	Veight - lbs. [kg]	
Frame	Α	в†	С	D	E	F	G	1.0	J	PP	PVDF
IEC 63 w/B14	2-15/32''	6-5/16''	2-13/32''	4-13/16''	3-7/16''	12-7/8''	4-7/8''	6-5/8''	3-5/32''	3.7	4.05
	[6.3 cm]	[16 cm]	[6.1 cm]	[12.2 cm]	[8.7cm]	[32.7 cm]	[12.4 cm]	[16.9 cm]	[8 cm]	[1.7]	[1.84]
IEC 71 w/B14	2-13/16''	7-7/16''	2-11/16''	5-13-32"	3-13/16''	14-1/16''	5-5/32''	6-15/16"	3-17/32''	3.9	4.35
	[7.1 cm]	[18.9 cm]	[6.9 cm]	[13.7 cm]	[9.7 cm]	[35.8 cm]	[13.1 cm]	[17.6 cm]	[9 cm]	[1.77]	[1.97]

Dimensions and weights are for reference only.  $\dagger \mbox{Varies}$  with motor manufacturer:

Note: Weights listed above are for pump only. Motors not included.

