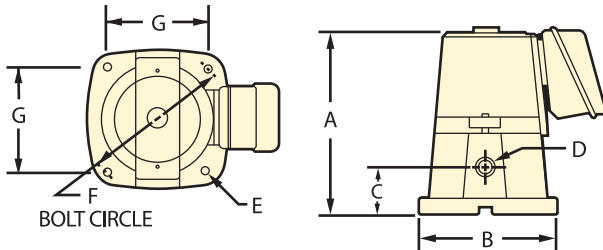


IMS Series

IMS models are dependable, economical replacements for suction pumps commonly supplied as original equipment on machine tools. They should not be used to circulate fluids containing fine contaminants. Not recommended for applications requiring the circulation of liquids containing large amounts of foreign matter.



IMS Series (Suction Style)

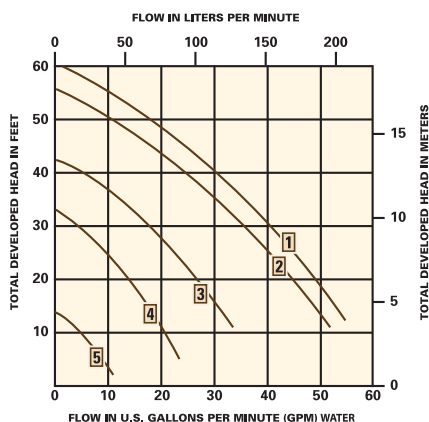


IMS DIMENSIONS

MODEL	A	B	C	D	E	F	G
IMS08	6 7/8"	5 1/2"	1 5/8"	3/8"	5/16"	5 1/2"	3 7/8"
IMS25	9"	7 3/8"	2 1/8"	3/4"	5/16"	7 1/4"	5 1/8"
IMS50	10 1/4"	7 3/8"	2 1/8"	3/4"	5/16"	8 7/16"	5 31/32"
IMS75	11 3/4"	8"	2 1/2"	1"	5/16"	8 5/8"	6 3/32"
IMS100	11 3/4"	8"	2 1/2"	1"	5/16"	8 5/8"	6 3/32"

Note: When ordering a replacement pump, be sure to check the dimensions of the pump you are replacing to get the most accurate pump fit.

IMS SERIES PERFORMANCE



1. IMS100
2. IMS75
3. IMS50
4. IMS25
5. IMS08

IMS SERIES SPECIFICATIONS

All motors are completely protected from soil and dust, and feature permanently lubricated, sealed bearings. Motors larger than 1/4 HP are fan cooled. With a maximum 2 ft. suction lift, IMS Series suction style pumps may be mounted above liquid level as well as other locations remote from the tank. Discharge information, pump performance and available motors are shown below.

All Models: Maximum viscosity: 500 SSU.

IMS08: 1/8 HP, 3450 RPM, 3/8" NPT horizontal discharge above integral mounting flange.

IMS25: 1/4 HP, 3450 RPM, 3/4" NPT horizontal discharge above integral mounting flange.

IMS50: 1/2 HP, 3450 RPM, 3/4" NPT horizontal discharge above integral mounting flange.

IMS75: 3/4 HP, 3450 RPM, 1" NPT horizontal discharge above integral mounting flange.

IMS100: 1 HP, 3450 RPM, 1" NPT horizontal discharge above integral mounting flange.

MATERIALS

Pump Body and Volute: Cast iron

Shaft: Carbon steel

Impeller: IMS08 and IMS25, plastic
IMS50, 75 and 100, aluminum

IMS ORDER INFORMATION

MODEL	HP (KW)	MAX FLOW	VOLTAGE SUFFIX
IMS08	1/8 (.09)	9.5 GPM	E, F
IMS25	1/4 (.19)	20 GPM	E, F
IMS50	1/2 (.37)	32 GPM	E, F
IMS75	3/4 (.56)	43 GPM	F
IMS100	1 (.75)	48 GPM	F

VOLTAGE SUFFIX CHART

Suffix	A	B	E	F	Z	GAM/GAMC
Voltage	115	230	115/230	230/460	575	Air motor
Hertz	50/60	50/60	50/60	50/60	60	
Phase	1	1	1	3	3	

CROSS REFERENCE CHART FOR SUCTION-STYLE PUMPS

GRAYMILLS	GUSHER	AMT	TEEL/DAYTON	FUJI	OLD FUJI#	mitsubishi	TOSHIBA	HITACHI	YASUKAWA
IMS08	VBH-18	538A-95	4RC26	VKN-043A	VKN-041A	NP-60J	OPF-60M	CPS-041	VFPC-01F
IMS08		538B-95	4XZ18	VKN-053A	VKN-051A			CPS-063	VFPC-061JF
IMS25	VBH-14	539A-95	4RC27	VKN-063A	VKN-061A	NP-100J	OPF-100M	CPS-103	VFPC-101JF
IMS25	VHG-14	539B-95	4XZ19	VKN-073A	VKN-071A	NP-180J	OPF-180M	CPS-183	VFPC-181JF
IMS50	VBH-12	540A-95	4XZ20	VKN-083A	VKN-081A	NP-250J	OPF-250M	CPS-253	VFPC-251JF
IMS75	VBH-34	541A-95	4XZ21	VKN-093A	VKN-091A	NP-400J	OPF-400M	CPS-403	VFPC-401JF
IMS100	VBH-10	541B-95	4XZ22		VKN-112A				