



INDUSTRIAL DUTY

Interchangeable Immersion & Suction Coolant/Oil Pumps

- Fully Interchangeable with Units Furnished on Most Imported Machine Tools
- 1/8 to 1 HP Totally Enclosed Motors
- 2 Pole, 3450 RPM
- Single or Three Phase Motors
- Stainless Steel or Composite Semi-open Impellers Option
- Immersion and Suction Types
- Cast Iron Construction
- Max. Temperature 180°F
- Max. Flow 56 GPM (water)
- Max. Head 60 ft. (water)
- Handles Viscosity up to 500 SSU
- Standard Replacement for Machine Tool Industry



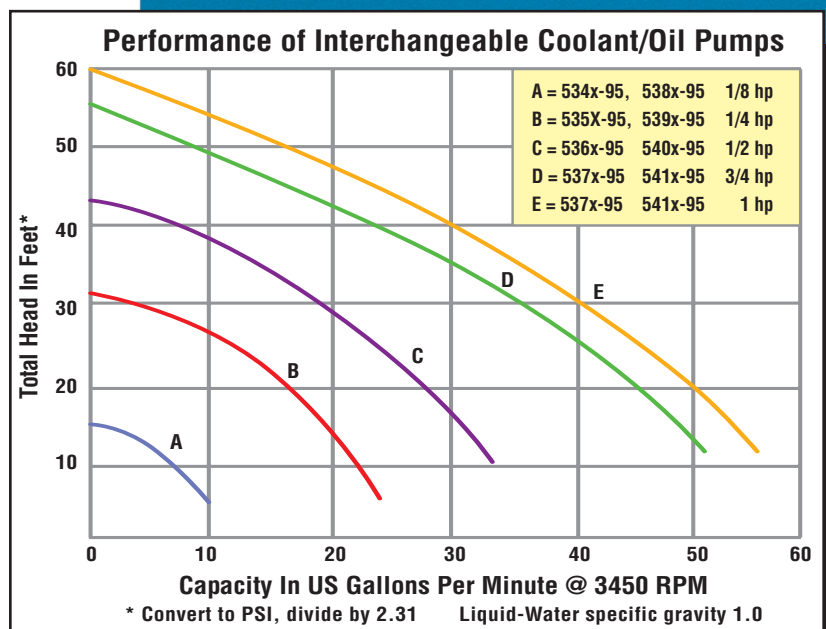
Immersion Type Pump



Suction Type Pump

AMT Interchangeable Coolant/Oil pumps are dependable, economical replacement pumps equivalent to units supplied with both domestic and foreign made machine tools such as Fuji, Mitsubishi, Toshiba, Hitachi and many others. These pumps are designed for the circulation and spraying of coolants and cutting oils. Pumps are available with Composite semi-open impellers or Stainless Steel impeller, for added corrosion/erosion resistance and durability. 1/8 & 1/4 HP models are available in 115/230V AC, 60 Hz single phase and 230/460V AC, 50/60 Hz three phase. Motors are Totally Enclosed with sealed bearing, and operate at 3450 RPM. Pumps feature semi-open impellers that are ideal for handling some solids and fine contaminants.

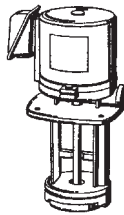
AMT Interchangeable Coolant/Oil pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.



Interchangeable Immersion & Suction Coolant/Oil Pumps

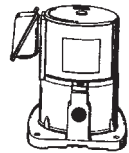
Immersion Type Features†

- Cast Iron Construction
- Stainless Steel or Composite Impeller Available
- Carbon Steel Shaft
- Sealless Design for Pumping Abrasives
- Pumps Liquids Down to 2"
- Ideally Suited for Pumping Fine Contaminants



Suction Type Features*

- Cast Iron Construction
- Stainless Steel or Composite Impeller Available
- Carbon Steel Shaft
- Carbon/Ceramic Shaft Seal
- Self Priming up to 2' - Maximum Suction Lift
- Pumps Must be Mounted Above Liquid



Cross Reference to Replacement of Standard Machine Tool Industry Pumps

Fuji	Old Fuji	Mitsubishi	Toshiba	Hatachi	Yasukawa	Graymills	Gusher	Stainless Impeller Model No.	Composite Impeller Model No.
VKN-043A	VKN-041A	-	-	CPS-041	VFPC-01F	IMS-08	VBH-18	5340-95	534A-95
VKN-053A	VKN-051A	NP-60J	OPF-60M	CPS-063	VFPC-061F	IMS-08	VBH-18	5341-95	534B-95
VKN-063A	VKN-061A	NP-100J	OPF-100M	CPS-103	VFPC-101JF	IMS-25	VBH-14	5350-95	535A-95
VKN-073A	VKN-071A	NP-180J	OPF-180M	CPS-183	VFPC-181JF	IMS-25	VBH-14	5351-95	535B-95
VKN-083A	VKN-081A	NP-250J	OPF-250M	CPS-253	VFPC-251JF	IMS-50	VBH-12	5360-95	536A-95
VKN-093A	VKN-091A	NP-400J	OPF-400M	CPS-403	VFPC-401JF	IMS-75	VBH-34	5370-95	537A-95
-	-	-	-	-	-	IMS-100	VBH-10	5371-95	537B-95
VKN-043A	VKN-041A	-	-	CPD-041	VFPC-01DL	IMV-08	VBV-18	5380-95	538A-95
VKN-053A	VKN-051A	NQ-60J	OPF-60M	CPD-063	VFPC-061DIF	IMV-08	VBV-18	5381-95	538B-95
VKN-063A	VKN-061A	NQ-100J	OPF-100M	CPD-103	VFPC-100	IMV-25	VBV-14	5390-95	539A-95
VKN-073A	VKN-071A	NQ-180J	OPF-180M	CPD-183	VFPC-180JF	IMV-25	VBV-14	5391-95	539B-95
VKN-083A	VKN-081A	NQ-250J	OPF-250M	CPD-253	VFPC-250JF	IMV-50	VBV-12	5400-95	540A-95
VKN-093A	VKN-091A	NQ-400J	OPF-400M	CPD-403	VFPC-4010JF	IMV-75	VBV-34	5410-95	541A-95
-	-	-	-	-	-	IMV-100	VBV-10	5411-95	541B-95

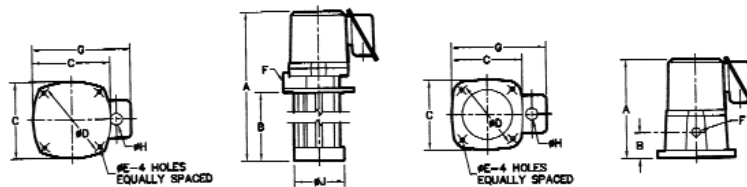
PUMP DIMENSIONAL AND ORDERING DATA

Stainless Impeller Model No.	Composite Impeller Model No.	Type	Hp	Phase	Amps	Full Load Voltage	A	B	C	D	E	NPT F	G	H	J	Shpg WT
5340-95	534A-95	*SUC	1/8	1	0.7/0.35	115/230	6.88	1.75	5.50	5.50	0.25	0.38	6.75	0.82	-	14 lbs.
5341-95	534B-95	*SUC	1/8	3	0.3/0.19	230/460	6.88	1.75	5.50	5.50	0.25	0.38	6.75	0.82	-	14 lbs.
5350-95	535A-95	*SUC	1/4	1	3.0/1.5	115/230	8.75	2.56	6.75	7.25	0.31	0.75	7.88	0.82	-	27 lbs.
5351-95	535B-95	*SUC	1/4	3	0.8/0.4	230/460	8.75	2.56	6.75	7.25	0.31	0.75	7.88	0.82	-	27 lbs.
5380-95	538A-95	*SUC	1/2	3	1.8/1.25	230/460	10.38	2.81	7.75	8.50	0.36	0.75	7.88	0.82	-	37 lbs.
5370-95	537A-95	*SUC	3/4	3	2.6/1.6	230/460	12.00	3.00	8.00	8.63	0.36	1.00	7.88	0.82	-	41 lbs.
5371-95	537B-95	*SUC	1	3	3.2/1.9	230/460	12.00	3.00	8.00	8.63	0.36	1.00	7.88	0.82	-	43 lbs.
5380-95	538A-95	†IMM	1/8	1	0.7/0.35	115/230	11.75	6.00	4.88	5.00	0.25	0.38	6.75	0.82	3.50	15 lbs.
5381-95	538B-95	†IMM	1/8	3	0.3/0.19	230/460	11.75	6.00	4.88	5.00	0.25	0.38	6.75	0.82	3.50	15 lbs.
5390-95	539A-95	†IMM	1/4	1	3.0/1.5	115/230	13.63	7.00	6.31	6.19	0.31	0.50	7.88	0.82	4.75	27 lbs.
5391-95	539B-95	†IMM	1/4	3	0.8/0.4	230/460	13.63	7.00	6.31	6.19	0.31	0.50	7.88	0.82	4.75	27 lbs.
5400-95	540A-95	†IMM	1/2	3	1.8/1.25	230/460	18.38	9.50	7.75	6.75	0.36	0.75	7.88	0.82	5.38	40 lbs.
5410-95	541A-95	†IMM	3/4	3	2.6/1.6	230/460	20.63	11.00	7.75	7.31	0.38	1.00	7.88	0.82	5.88	48 lbs.
5411-95	541B-95	†IMM	1	3	3.2/1.9	230/460	20.63	11.00	7.75	7.31	0.36	1.00	7.88	0.82	5.88	50 lbs.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

MOTOR DATA:

Pumps feature Totally Enclosed motors with sealed, permanently lubricated bearing for protection from dirt, moisture and soil. Available in Single (1) or Three (3) phase, 60 Hz, depending on model.



† Immersion-type pumps require no bearings, seals, or packing, ideally suiting them for pumping liquids containing fine contaminants. For circulation of coolant and spraying of cutting oil in all machines, including grinders and applications with higher temperatures.

* Suction-type pumps must be mounted above the liquid level as well as other remote locations, featuring a 2 ft. maximum suction lift. For circulating coolant, liquids with large amounts of foreign matter, and spraying cutting oil in all types of machines, except grinders.

Maximum recommended viscosity: 500 SSU