



Interchangeable Immersion & Suction Coolant/Oil Pumps

- Fully Interchangeable with Units Furnished on Most Imported Machine Tools
- 1/8 to 1HP 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

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 115/230VAC, 60 Hz single phase and 230/460VAC, 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.

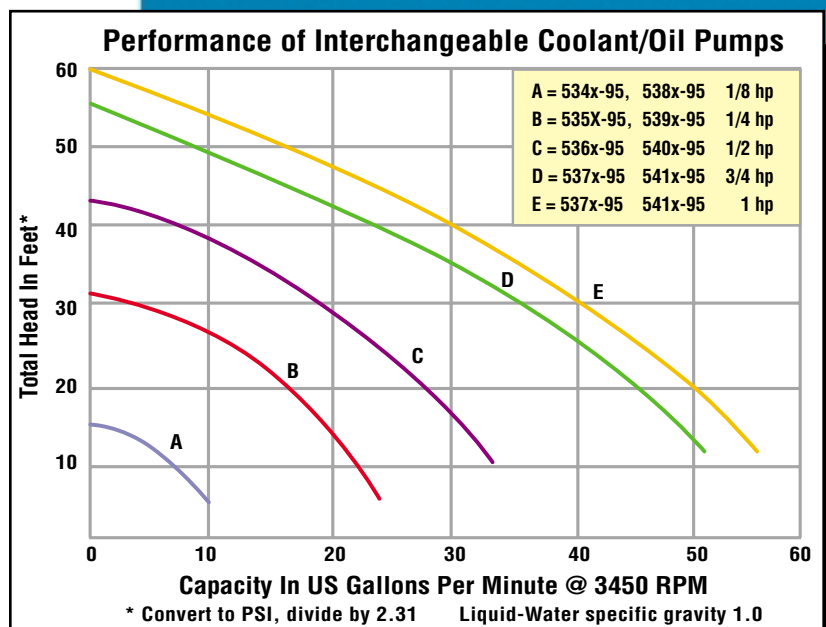
AMT Interchangeable Coolant/Oil pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.



Immersion Type Pump



Suction Type Pump



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



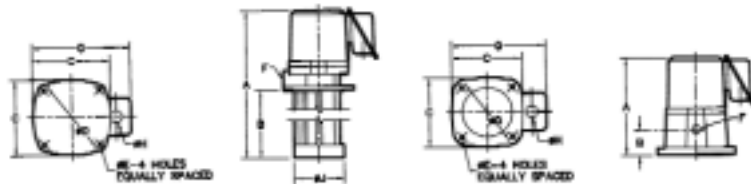
Cross Reference to Replacement of Standard Machine Tool Industry Pumps									
Old Fuji	Old Fuji	Mitsubishi	Toshiba	Hatachi	Yasukawa	Graymills	Gusber	Stainless Impeller Model No.	Composite Impeller Model No.
VKN-043A	VKN-041A	-	-	CPS-041	VFPC-01F	IMS-08	VBH-18	5340-95	534A-95
VKN-053A	VKN-051A	NP-60J	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-061DF	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-401JF	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 Voltage	A	B	C	D	E	NPT				J	Shpg WT
												F	G	H	I		
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	
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	
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	
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	
5360-95	536A-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	
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	
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	
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	
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	
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	
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	
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	
5410-95	541A-95	†IMM	3/4	3	2.6/1.6	230/460	20.63	11.00	7.75	7.31	0.36	1.00	7.88	0.82	5.88	48	
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	

NOTE: Dimensions have a tolerance of ±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.



American Machine & Tool Co.

400 Spring Street
 Royersford, PA 19468
 (610) 948-3800 Fax (610) 948-5300
 E-mail: amt@fast.net
 www.amtpump.com

Maximum recommended viscosity: 500 SSU