

Tekupit Oy

We stock original coolant pumps for South Korean machines such as Doosan, Hyundai and Hwacheon. We have also wide range of oil skimmers and oil mist collectors in our stock.

IF YOU HAVE ANY QUESTIONS, DO NOT HESITATE TO CONTACT US! Jari Vainio, tel. +358 40 7090 509 • jari.vainio@tekupit.fi

ECOTECH® -oil mist collector

The air polluted by the oil mist particles passes through a mechanical, cyclonic separator made by a helical element and a metal net, both inserted in a channel having same section of the inlet device. In this pre-abatement section, thanks to the centrifugal force exerted by the fan, the pollutant droplets collide against the walls of the channel, while the wire net prevents their return in the air flow, by sliding them along the walls until the hopper collection.

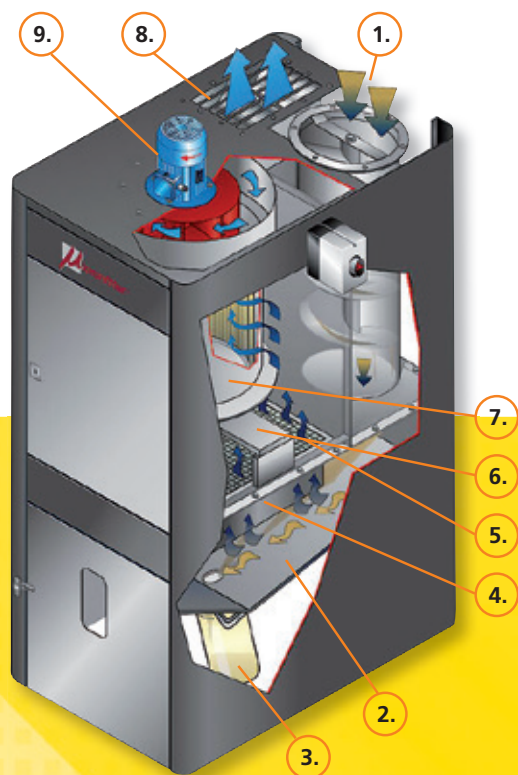
The coolant so re-condensed is thus collected in a special bin or channeled through hydraulic piping and, eventually, recycled. This way are captured the majority part of oil particles suspended in the air. Subsequently, the air flow passes through the drop separator and the metal mesh pre-filter; thanks to the high efficiency of these filtering sections and the thickness of their filter elements, the mass of the air is now completely purified from contaminant droplets ranging from big to average dimensions.

To eliminate the residual impurities, such as mists, micro-mists and vapours, the air flow is finally conveyed through a filter cartridge made of polypropylene and cellulose of first choice, around which is wrapped a special belt of material, favoring the coalescing process and the aggregation of micro-mists, while preserving the life of the cartridge.

- Ecotech AXO model is with HEPA-filter
- Normal Ecotech model is WITHOUT HEPA-filter

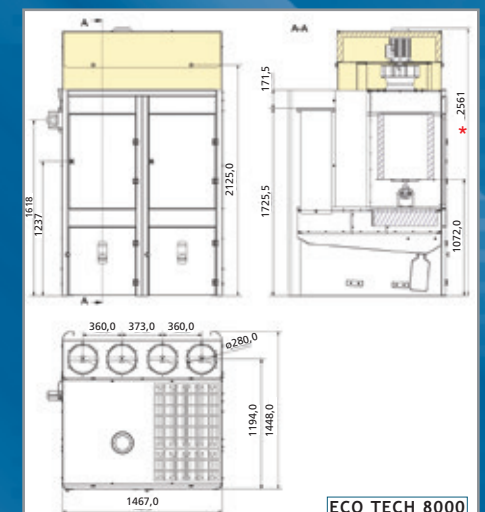
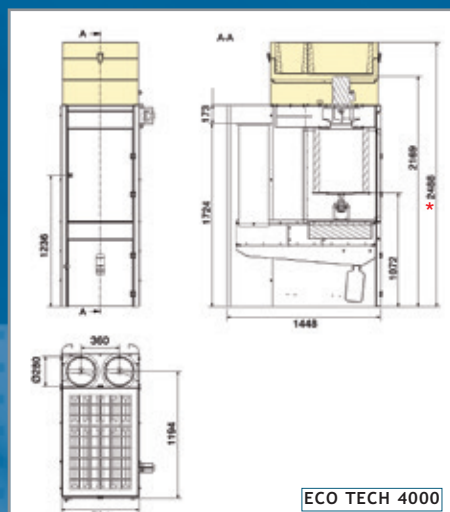
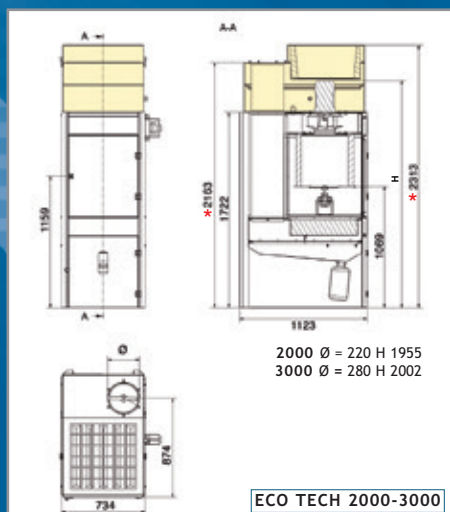


Model	Air flow m³/h	Power kW	Current A	Noise level dB	Weight without filter kg	Filtration area m²	Inlet ø mm	collection bins capacity l
Values in parentheses are with HEPA filter (AXO model).								
ECOTECH 2000 (AXO)	2000 (1800)	1,1	2,46	73	200	10	220	5
ECOTECH 3000 (AXO)	3000 (2600)	1,5	3,26	73	230	18	280	5
ECOTECH 4000 (AXO)	4000 (3600)	2,2	4,61	75	290	25	2x280	5
ECOTECH 6000 (AXO)	6000 (5400)	4	6,1	76	420	30	3x280	10
ECOTECH 8000 (AXO)	8000 (7400)	5,5	10,5	78	620	56	4x280	10



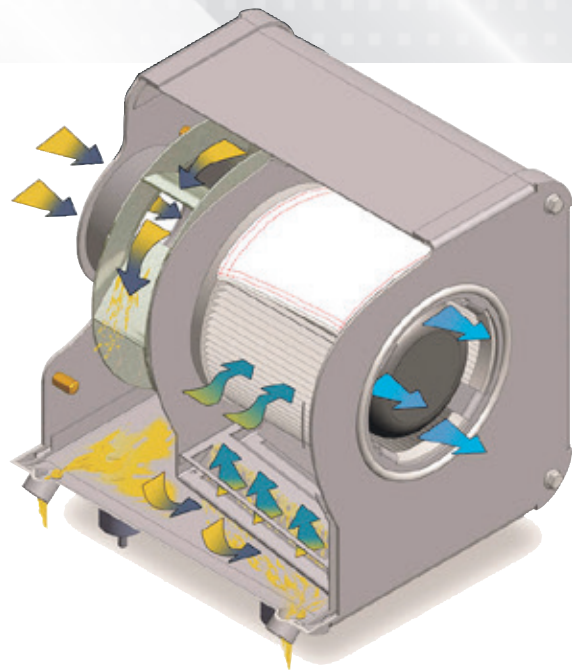
WORKING PRINCIPLE FOR ECOTECH OIL MIST COLLECTOR

1. Oil air mist inlet
2. Oil drain hopper
3. Oil collecting bottle
4. Drop separator
5. Wire metal mesh prefilter
6. Cartridge holding bracket
7. Coalescence polypropylene prefilter
8. Clean air outlet
9. Fan



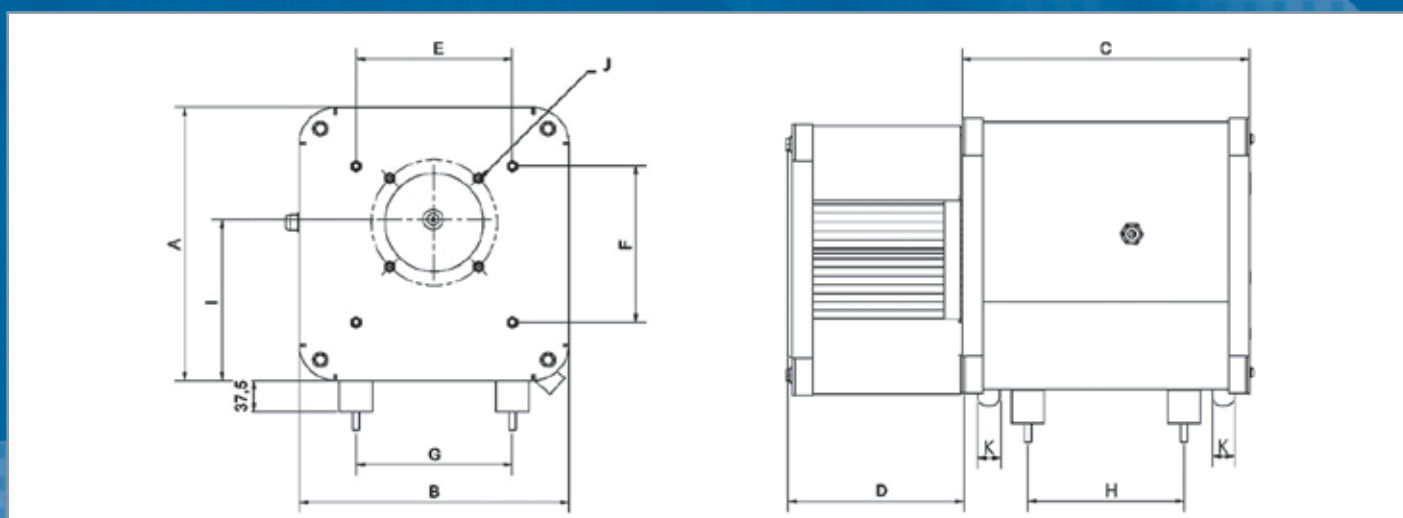
KUBE® -oil mist collector

The Micronfilter designers have cleverly inserted 4 stages of filtration with progressive oil filtration.



Model	Air flow m ³ /h	Power kW	Filtration area m ²	Inlet ø mm	Noice level dB	Weight kg
KUBE 200	200	0,18	2	120	62	24
KUBE 400	400	0,25	2	120	64	25
KUBE 800	800	0,37	6	150	66	40
KUBE 1200	1200	0,55	6	150	67	41
KUBE 2000	2000	0,75	12	200	68	54
KUBE 2500	2500	1,1	12	200	69	55

Dimension mm	KUBE 200/400	KUBE 800/1200	KUBE 2000/2500
A	332	467	610
B	328	467	610
C	349	451	551
D	212	260	471
E	192	300	440
F	192	300	475
G	192	300	440
H	192	300	300
I	196	283	349
J	4 X M8 ø153	4 X M8 ø183	6 X M8 ø233
K	ø25	ø25	ø25



MICROIL®-oil mist collector

Micronfilter manufactures MICROIL® series of turbine style mist collectors.



PRE MICROIL

Pre Microoil filters dust and swarf, contains metallic filter, labyrinth filter and acrylic filter.

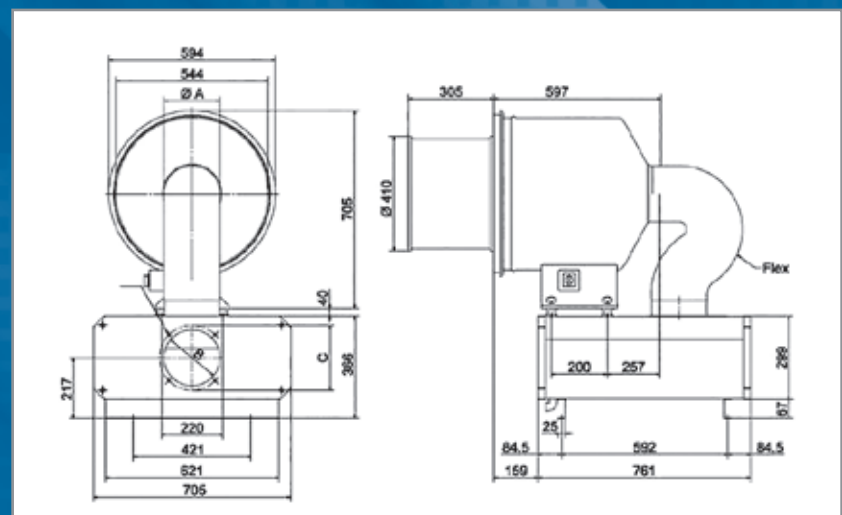
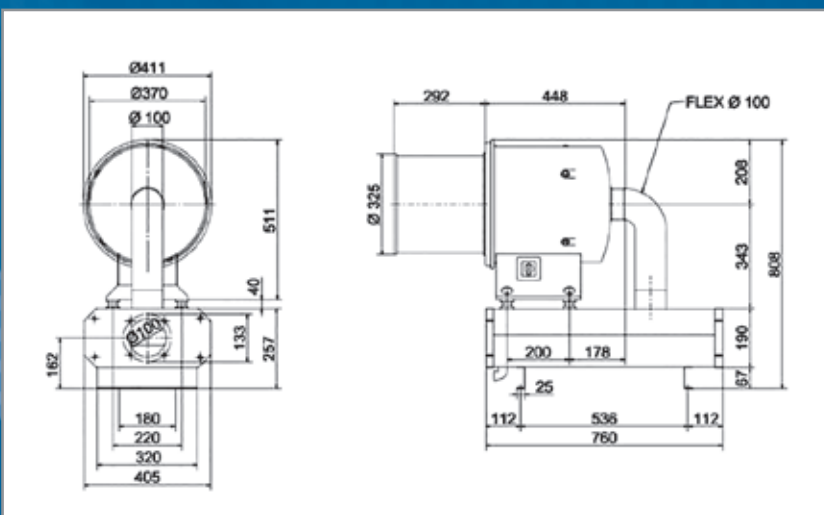


Model	Air flow m³/h	Filtration area m²	Power kW	Weight kg	Noise level dB(A)
MICROIL 600	600	5,7	0,25	28	64
MICROIL 800	800	5,7	0,75	29	68
MICROIL 1200	1200	5,7	0,75	30	72
MICROIL 1500	1500	14,7	1,5	55	74
MICROIL 2000	2000	14,7	1,5	56	75
MICROIL 2600	2600	14,7	1,5	55	75
MICROIL 3000	3000	14,7	1,5	56	76

Model	A	B	C
MICROIL 1500-2000	150	150	182
MICROIL 2600-3000	200	200	233

MICROIL® 600-800-1200

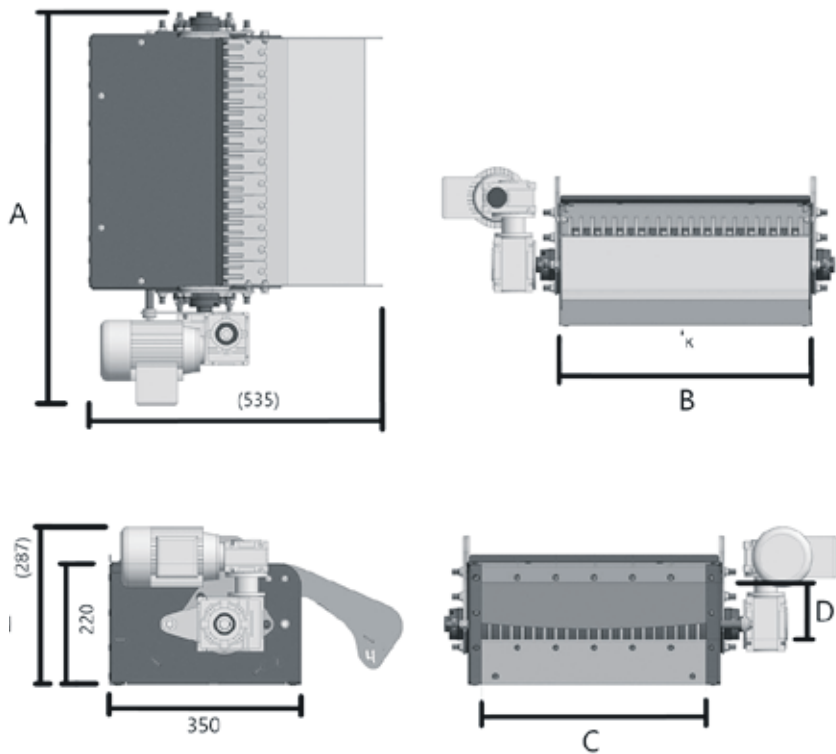
MICROIL® 1500-2000-2600-3000





KALAMIT® -magnetic cleaner

The Kalamit series of magnetic cleaners separates magnetic particles from emulsion solutions and oils (max. viscosity of 20° cSt at 40° cSt.) Also available is a heavy duty model with a filtration capacity of 1800 liters/min for emulsion or 1000 liters/min for oil.



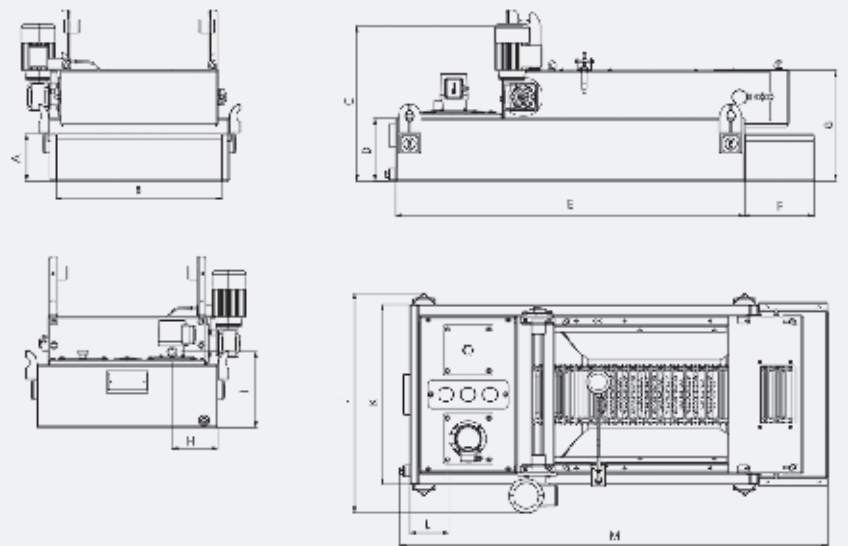
Model	Emulsion flow rate l/min	Oil flow rate l/min	Power kW	Weight kg
KALAMIT 75	75	37,5	0,12	43
KALAMIT 150	150	75	0,12	60
KALAMIT 250	250	125	0,12	83
KALAMIT 350	350	175	0,12	112
KALAMIT 500	500	250	0,12	152

Model	A	B	C	D
KALAMIT 75	436	180	130	103
KALAMIT 150	556	300	250	103
KALAMIT 250	716	460	410	103
KALAMIT 350	916	660	610	103
KALAMIT 500	1196	940	890	103

EASYBAND® -filtrationsystems

The Easyband series filters offers the simple solution for the filtration of machine tool coolants. The level of filtration depending on the filter media used.

Kalamit-option

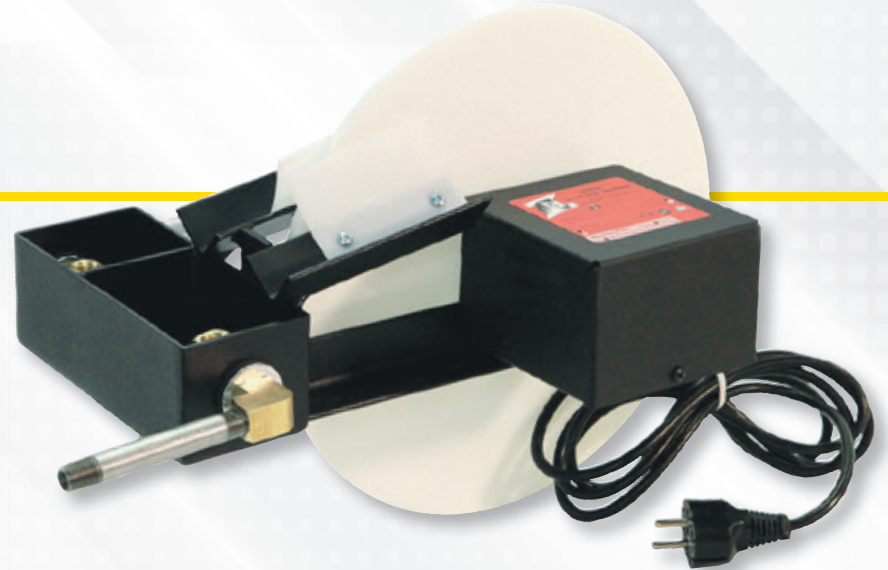


Model	Tank capacity l/min	Emulsion flow rate l/min	Oil flow rate l/min	Pressure bar	Power kW	Weight kg
EASY 50	185	50	25	0,2	0,16	108
EASY 100	320	100	50	0,2	0,30	145
EASY 150	510	150	75	0,2	0,40	201
EASY 200	635	200	100	0,2	0,53	241
EASY 250	770	250	125	0,2	0,78	275
EASY 300	910	300	150	0,2	1,15	305
EASY 400	1185	400	200	0,2	1,47	345

Model	EASY 50	EASY 100	EASY 150	EASY 200	EASY 250	EASY 300	EASY 400
A	170	170	170	170	170	170	170
B	600	800	1100	1100	1100	1100	1100
C	558	558	558	558	558	558	558
D	225	225	225	225	225	225	225
E	1260	1600	1810	2255	2755	3256	4204
F	250	250	250	250	250	250	250
G	399	399	399	399	399	399	399
H	165	205	250	250	250	250	4000
I	273	277	260	260	300	260,5	269
J	792	992	1292	1292	1292	1300	1292
K	650	850	1150	1150	1150	1150	1150
L	140	140	110	110	110	110	107
M	1547	1887	2097	2542	3042	3543	4491

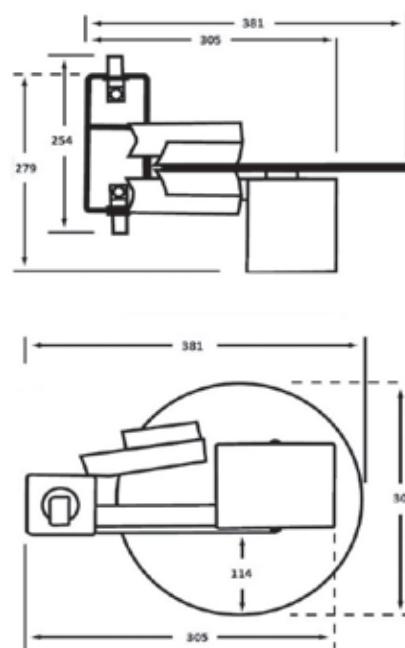
Smart DISC SKIMMER

- Diverter separates floating tramp oils and coolant
- 2 quarts per hour oil removal capacity (1,9 l/h)
- Different disk sizes \varnothing 300 or \varnothing 460 mm
- 220 V
- Heavy-duty steel construction
- Two year warranty
- Includes an external timer
- High-temperature disks for wash water available (100°C)

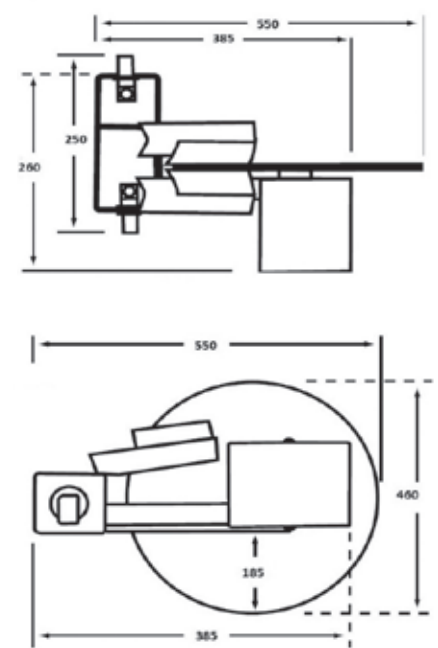


Model	Disc	Reach from mounting point	Max temperature
GS4H300E	12" (300mm)	4,5" (114,3mm)	32°C (90°F)
GS4H460E	18" (460mm)	7,0" (178,8mm)	32°C (90°F)
GS4W300E	12" (300mm)	4,5" (114,3mm)	100°C (212°F)
GS4W460E	18" (460mm)	7,0" (178,8mm)	100°C (212°F)

GS4H300E



GS4H460E

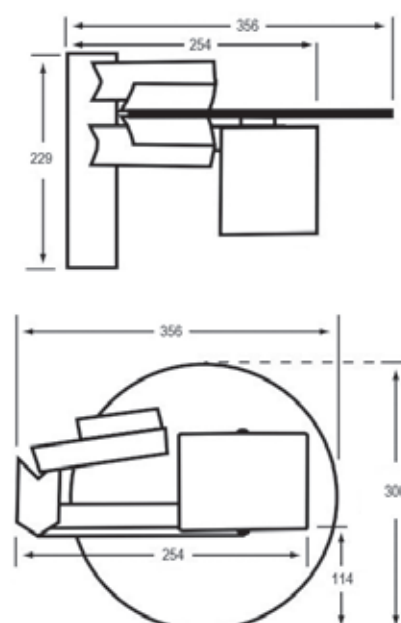


Simple DISC SKIMMER

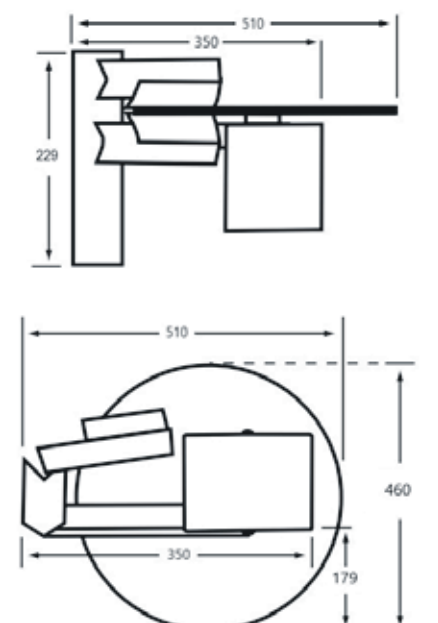
- Handles heavy oil loads
- Up to 5 gallons per hour oil removal capacity (18.9 l/h)
- Different disk sizes \varnothing 300 or \varnothing 460 mm
- 220 V
- Two year warranty
- Includes an external timer
- High-temperature disks for wash water available (100°C)

Model	Disc	Reach from mounting point	Max temperature
LH300E	12" (300mm)	4,5" (114,3mm)	32°C (90°F)
LH460E	18" (460mm)	7,0" (178,8mm)	32°C (90°F)
LW300E	12" (300mm)	4,5" (114,3mm)	100°C (212°F)
LW460E	18" (460mm)	7,0" (178,8mm)	100°C (212°F)

LH300E



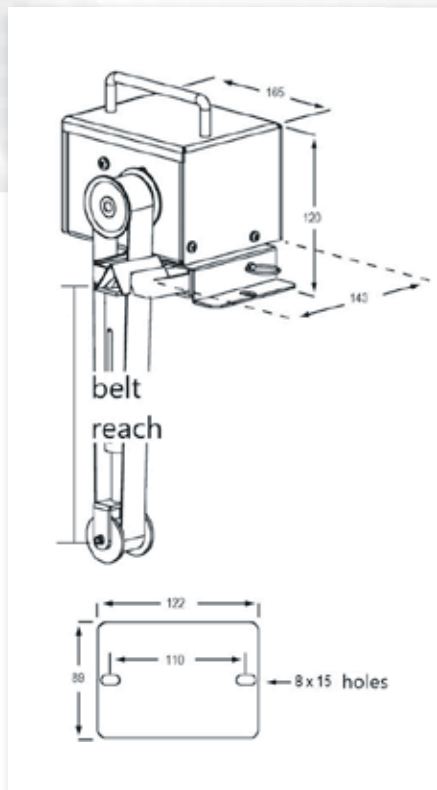
LH460E



BELT SKIMMER

- Heavy-duty steel construction
- Removable collection tray
- Fixed lower pulley (lengths ranging from 8" to 24")
- Rated at 1 gallon per hour (3,8 l/h)
- Choose your size: reach from 8" to 72"
- Available for washers
- Two year warranty for the motor and the transmission
- Includes an external timer
- 220V (E-model) or 110V

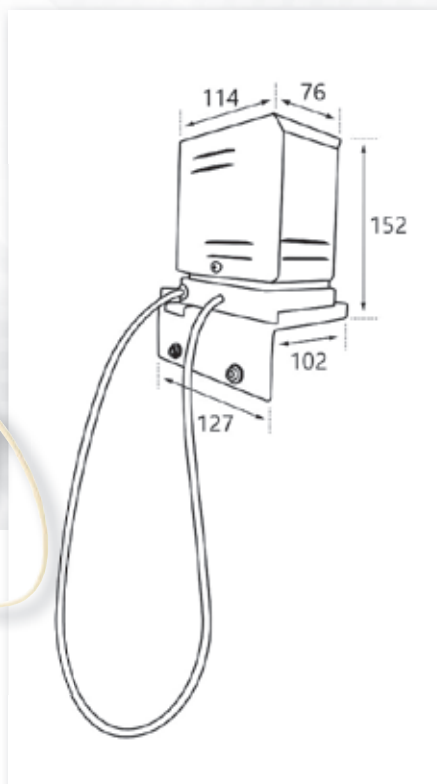
Model	Belt reach	Temperature
BPF1-08E	8" (200mm x 25mm)	4°C - 27°C
BPF1-12E	12" (300mm x 25mm)	4°C - 27°C
BPF1-18E	18" (450mm x 25mm)	4°C - 27°C
BPF1-24E	24" (600mm x 25mm)	4°C - 27°C
BPF1-36E	36" (910mm x 25mm)	4°C - 27°C
BPF1-48E	48" (1220mm x 25mm)	4°C - 27°C
BPF1-60E	60" (1520mm x 25mm)	4°C - 27°C
BPF1-72E	72" (1820mm x 25mm)	4°C - 27°C
BPF2-08E	8" (200mm x 50mm)	4°C - 27°C
BPF2-24E	24" (600mm x 50mm)	4°C - 27°C
BSF1-08E	8" (200mm x 25mm)	15°C - 100°C
BSF1-12E	12" (300mm x 25mm)	15°C - 100°C
BSF1-18E	18" (450mm x 25mm)	15°C - 100°C
BSF1-24E	24" (600mm x 25mm)	15°C - 100°C



SIDEWINDER Tubeskimmer

- Skims hard-to-access or enclosed sumps
- Rated at 1 quart per hour (0,9 l/h)
- Choose your size: reach from 8" to 62"
- 220V (E-model) or 110V
- Two year warranty for the motor and the transmission
- Includes an external timer

Model	Tube
ZVA8-08E	8" (20cm)
ZVA8-11E	11" (27cm)
ZVA8-14E	14" (35cm)
ZVA8-17E	17" (43cm)
ZVA8-20E	20" (51cm)
ZVA8-23E	23" (58cm)
ZVA8-26E	26" (66cm)
ZVA8-29E	29" (73cm)
ZVA8-32E	32" (81cm)
ZVA8-35E	35" (89cm)
ZVA8-38E	38" (96cm)
ZVA8-41E	41" (104cm)
ZVA8-62E	62" (157cm)



Skimmer ACCESSORIES

LOCKJAW

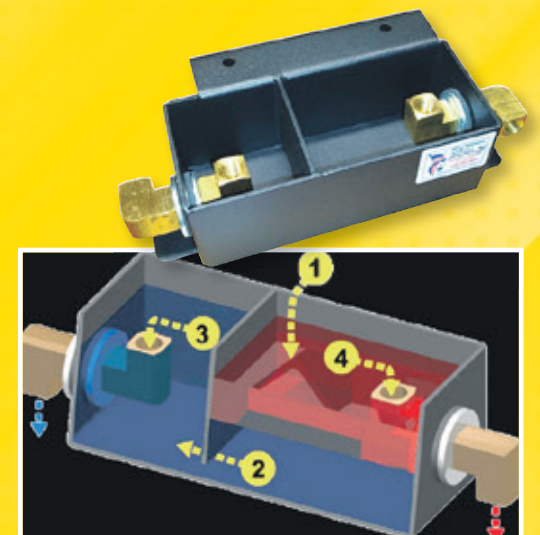
Install your belt skimmer or tube skimmer in seconds!



DIVERTER

For belt skimmer or tube skimmer. How it works?

1. Oil (tramp and coolant) enter here
2. Coolant sinks and passes under this wall
3. Clean coolant returns to your sump here
4. Tramp oils discharge to waste container here



Oil and grease LUBRICATION PUMPS

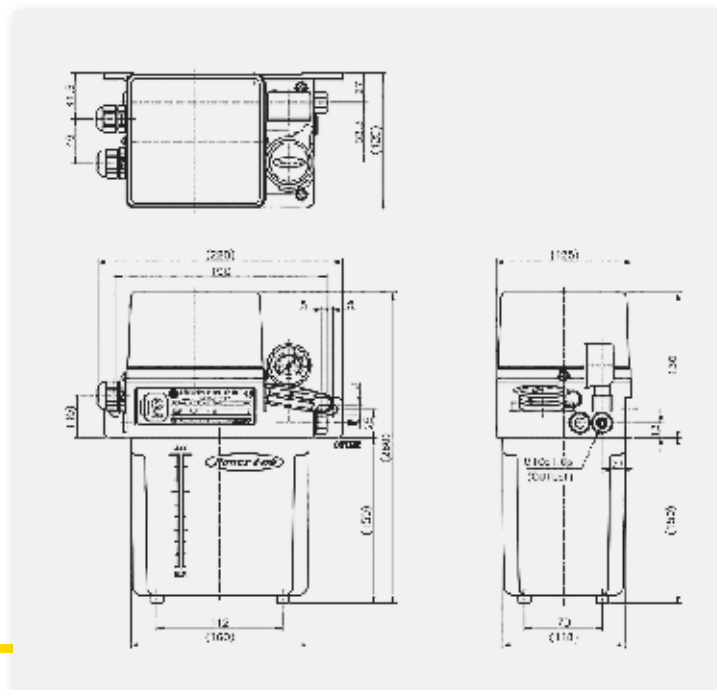
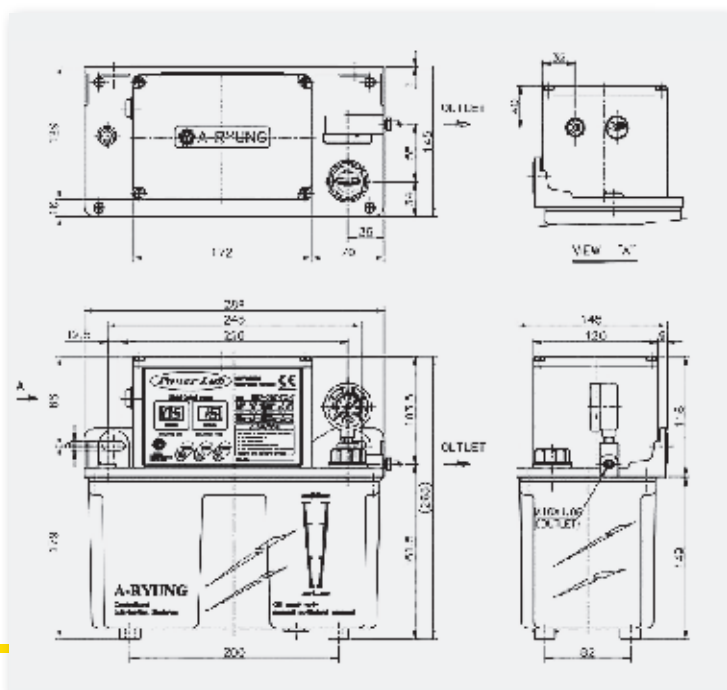
AMGP-01AF (OIL)

- Digitally programmable
- Float switch



AMGP-01NS (OIL)

- Controlled via machine tool
- Float switch
- Pressure switch



AMGP-01AF

Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Tank capacity (l)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)
AMGP-01AF-T03-100	0,125	8	M10	3.0	0,025	50	110	2,0
AMGP-01AF-T03-200	0,125	8	M10	3.0	0,025	50	220	1,0
AMGP-01AF-T03-T-100	0,125	15	M10	3.0	0,025	50	110	2,0
AMGP-01AF-T03-T-200	0,125	15	M10	3.0	0,025	50	220	1,0

AMGP-01NS

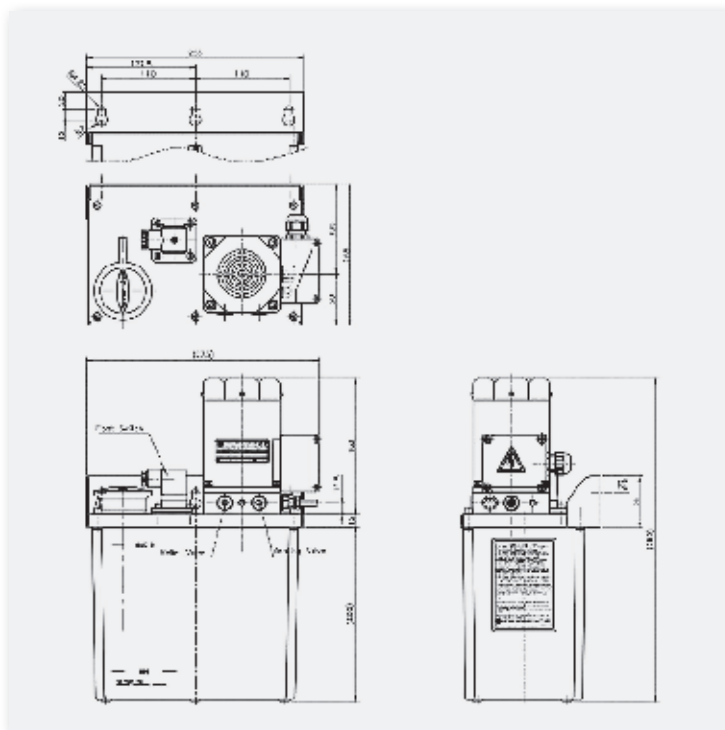
Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Tank capacity (l)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)
AMGP-01NS-100	0,125	17	M10	1,8	0,025	50	110	2,0
AMGP-01NS-200	0,125	17	M10	1,8	0,025	50	220	1,0

Oil and grease LUBRICATION PUMPS



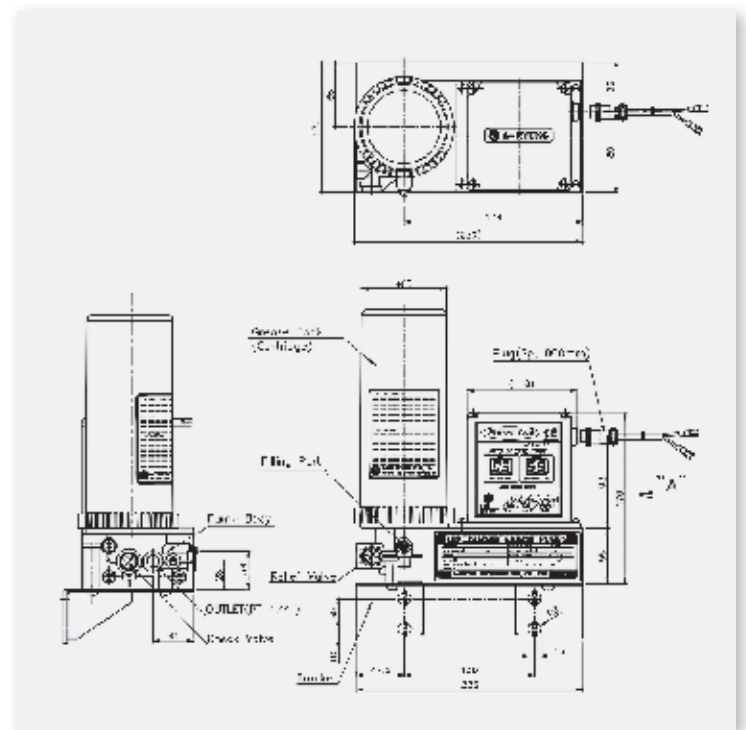
**AMGP-3M3-053-T06
(28 BAR) (OIL)**

- Controlled via machine tool
 - Float switch
 - Pressure switch



AGP-15C-CT (GREASE)

- AGP-15C-CT is an electronic grease lubrication pump.
- Built in digital control unit enables timing, manual feeding is also possible.
- Setting range: interval time: 1 min – 29 h 59 min
discharge time: 1 s – 99 s.
- It is easy to change the cartridge in a short time without refilling.
- You can adjust pressure with relief valve.



AMGP-3M3-053-T06

Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Tank capacity (l)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)
AMGP-3M3-053-T06	0,42	28	M10 x 1	6	0,09	50	380	0,43

AGP-15C-CT

Model	Discharge volume (l/min)	Pressure (bar)	Cartridge capacity (l)	Grease (NLGI)	Weight (kg)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)
AGP-15C-CT	0,012	20-120	0,7	#000-1	8,7	0,09	50	220	0,9

COOLANT PUMPS

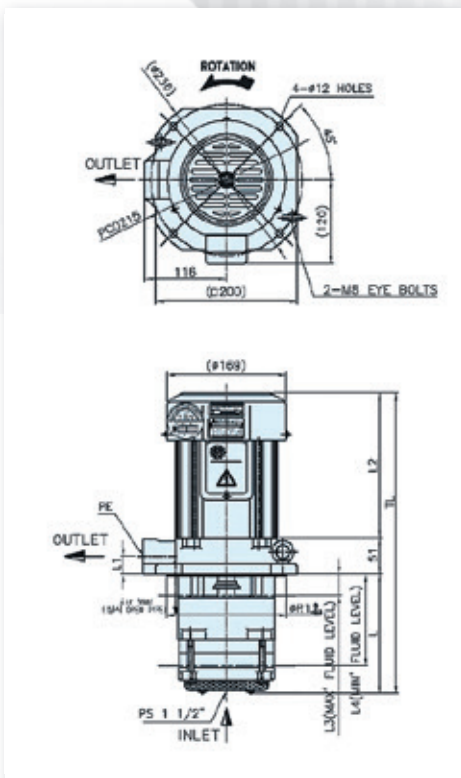
ACP-HMFS, ACP-HMFD

- The pumps in this series are mainly used in CNC-lathes and CNC-machining centers due to their high pressure and sufficient flow rate (used as original installation for example in South Korean machine tools Doosan, Hyundai, Samsung and Hwacheon).
- The pump is designed in such a way that heat transfer is minimal between the motor and the pump.

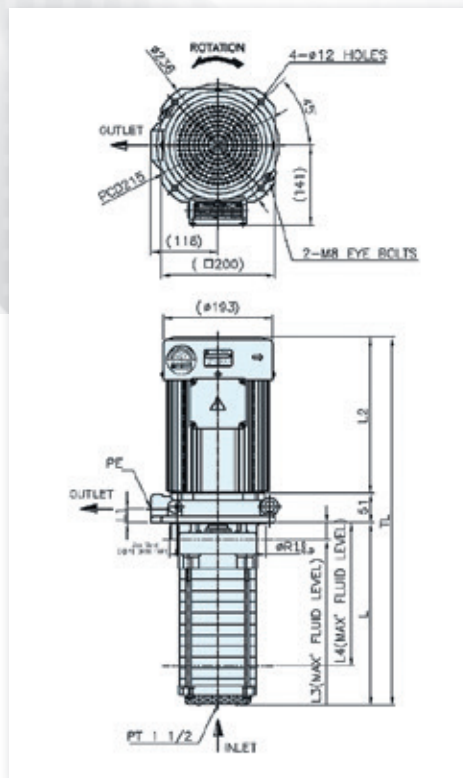


ACP-HMFS

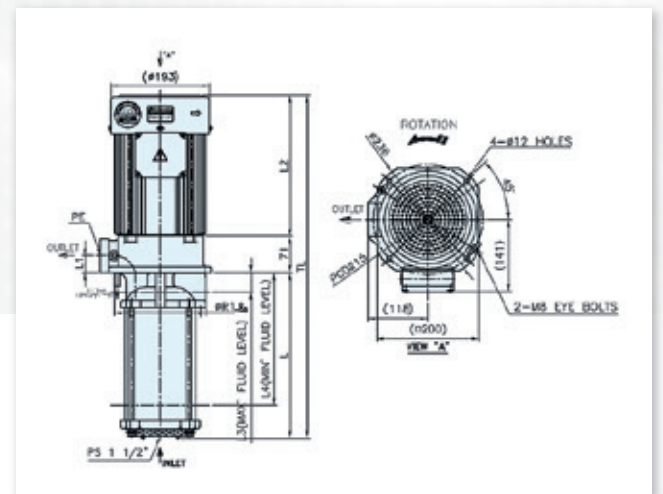
ACP-HMFD



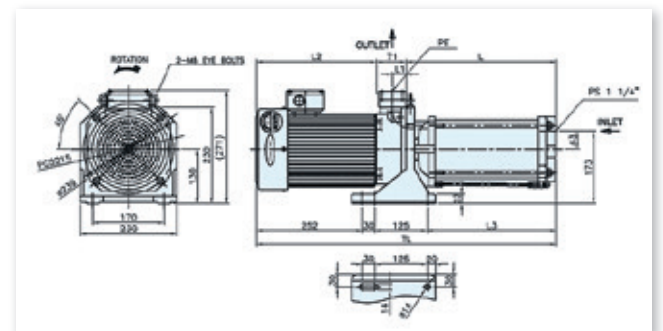
ACP-1100HMFS 45



ACP-1800HMFS 70
ACP-2500HMFS 100
ACP-4000HMFS 145



ACP-4000HMFD 200V



ACP-4000HMFD 200H

Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Immersion depth (mm)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACP-1100HMFS 45	30	3,0	3/4"	170	1,1	50	200/380	4,4/2,5	26
ACP-1800HMFS 70	30	5,5	3/4"	190	1,8	50	200/380	6,6/3,8	30
ACP-2500HMFS 100	30	7,5	3/4"	245	2,5	50	200/380	9,2/5,3	38
ACP-4000HMFS 145	30	11,0	3/4"	325	4,0	50	200/380	14,2/8,2	49

Model	L	L1	L2	L3	L4	TL	ØR1	PE
1100HMFS	170	25	212	30	130	433	170	PS 3/4"
1800HMFS	190	25	214	30	150	455	170	PS 3/4"
2500HMFS	245	25	231	30	177	527	170	PS 3/4"
4000HMFS	325	25	276	30	253	652	170	PS 3/4"

Model	Discharge volume (l/min)	Pressure (bar)	Inlet (PS)	Outlet (PS)	Immersion depth (mm)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACP-4000HMFD 200V	20	13,5	-	3/4"	325	4,0	50	200/380	14,2/8,2	65
ACP-4000HMFD 200H	20	13,5	1 1/4"	3/4"	-	4,0	50	200/380	14,2/8,2	65

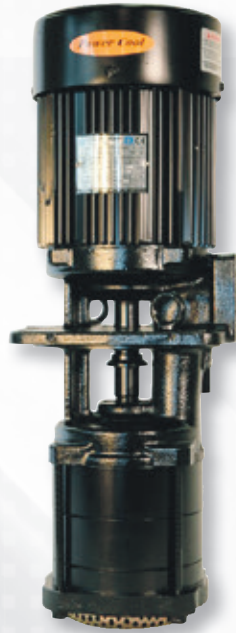
Model	L	L1	L2	L3	L4	TL	ØR1	PE
4000HMFD 200V	325	33	276	38	260	672	180	PS 3/4"

Model	L	L1	L2	L3	TL	PE
4000HMFD 200H	335	33	276	309	682	PS 3/4"

COOLANT PUMPS

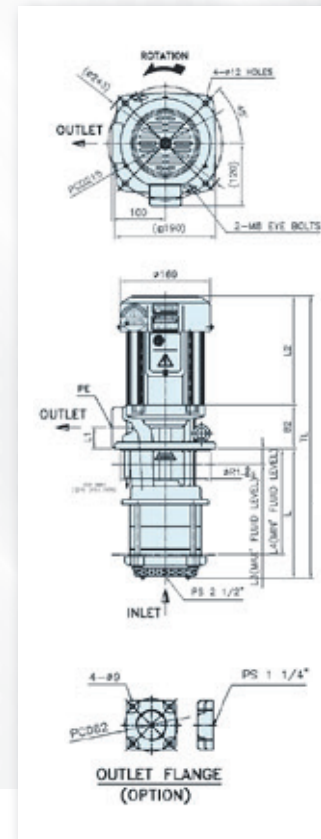
ACP-MF(S)

- The pumps in this series are used mainly to wash chips from the covers down to the conveyor or to the bucket.
- The pump is designed in such a way that heat transfer is minimal between the motor and the pump.

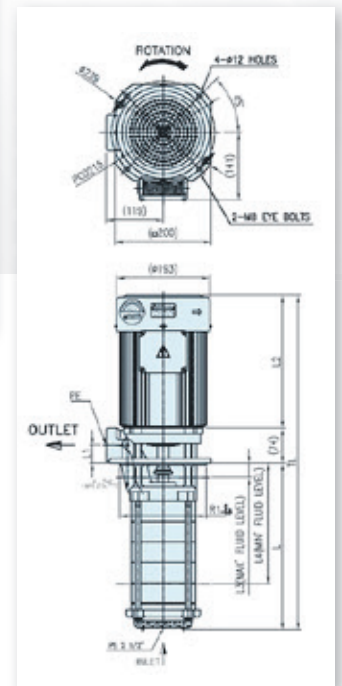


Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Immersion depth (mm)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACP-400MFS	140	0,5	1 1/4"	210	0,4	50	200	2,6	24
ACP-1100MF(S)	150	1,0	1 1/4"	245 (214)	1,1	50	200/380	4,4/2,5	27 (26)
ACP-1800MF	250	1,0	1 1/2"	280	1,8	50	200/380	6,6/3,8	38
ACP-4000MF	310	1,0	1 1/2"	350	4,0	50	200/380	14,2/8,2	46

Model	L	L1	L2	L3	L4	TL	ØR1	PE
400MFS	210	40	212	30	167	504	170	PS 1 1/4"
1100MF	245	40	212	30	200	539	170	PS 1 1/4"
1100MFS	214				167	508		
1800MF	280	38	214	30	182	568	180	PS 1 1/2"
4000MF	350	38	276	30	251	700	180	PS 1 1/2"



ACP-400MFS, ACP-1100MF(S)

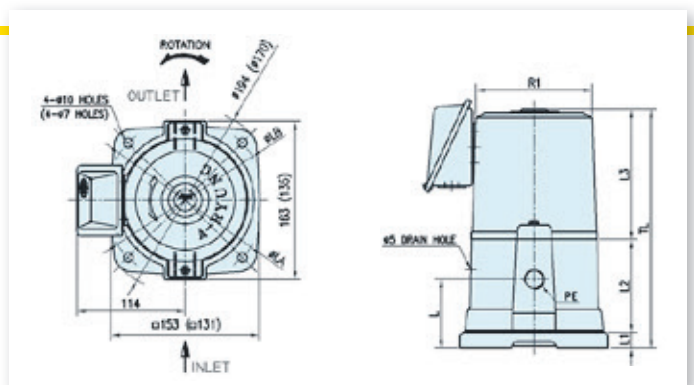


ACP-1800MF, ACP-4000MF

COOLANT PUMPS

ACP-A

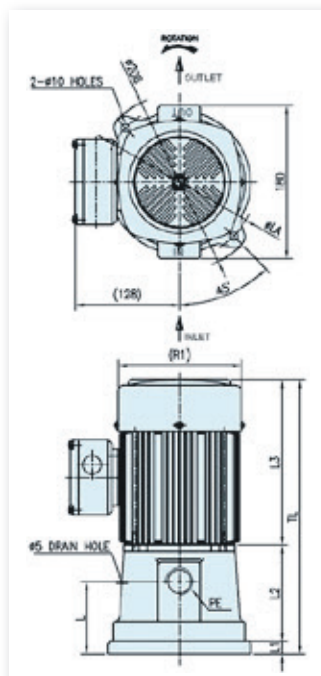
- The pumps in this series are self-suctioning and they are easy to install in small spaces. This series is used both in CNC- and conventional machines according to the needs of the target.
- In the first operation of the pump, the suction room must be completely filled through the filling port.
- Always make sure the pump starts pumping within 30 seconds of turning it on!



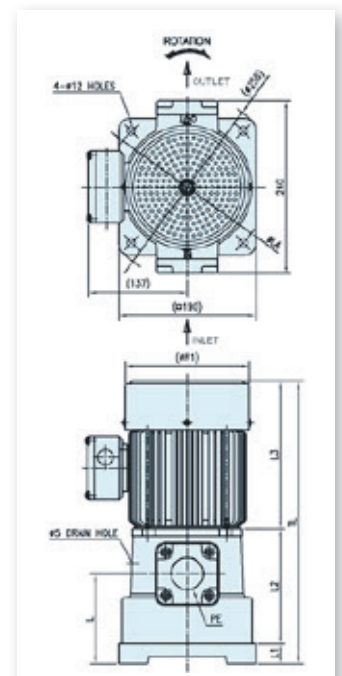
ACP-61A, ACP-101A, ACP-181A, ACP-251A

Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACP-61A	20	0,2	3/8"	0,06	50	200/380	0,40/0,24	7,5
ACP-101A	30	0,2	3/8"	0,10	50	200/380	0,50/0,29	8,0
ACP-181A	53	0,3	1/2"	0,18	50	200/380	1,00/0,58	12,0
ACP-251A	85	0,4	3/4"	0,25	50	200/380	1,50/0,87	13,0
ACP-401A	125	0,5	1"	0,40	50	200/380	2,60/1,50	14,5
ACP-1101A	190	0,6	1" 1/2"	1,10	50	200/380	4,40/2,50	32,0

Model	L	L1	L2	L3	TL	ØR1	ØLA	ØLB	PE
61A	53	16	75	115	203	93	132(132)	130(150)	2-PS 3/8"
101A	53	16	75	115	203	93	132(132)	150(150)	2-PS 3/8"
181A	75	16	96	135	247	120	160(167)	164(170)	2-PS 1/2"
251A	71	16	96	135	247	120	160(167)	170(170)	2-PS 3/4"
401A	87	15	105	194	314	145	180(180)	-	2-PS 1"
1101A	125	28	160	205	393	172	220(220)	-	2-PS 1 1/2"



ACP-401A



ACP-1101A

COOLANT PUMPS

ACP-F/HF

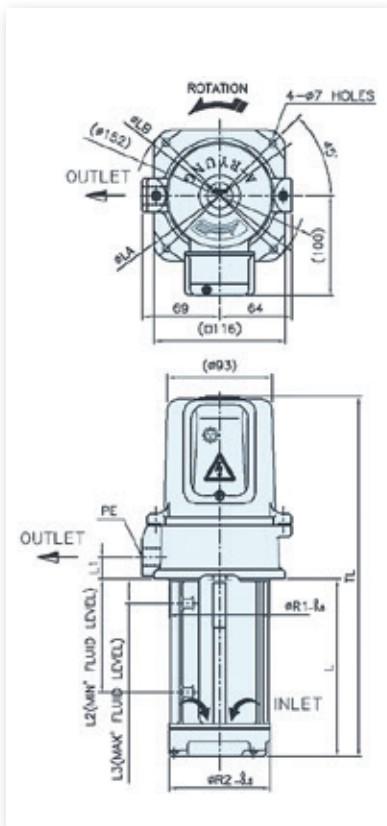
- The pumps in this series are submergible.
The pump part is submerged in the tank so it doesn't need extra fluid priming.
- The design is compact and these pumps are widely used in conventional machine tools.
- Idle time is not a problem because the pumps in this series don't have mechanical seals.



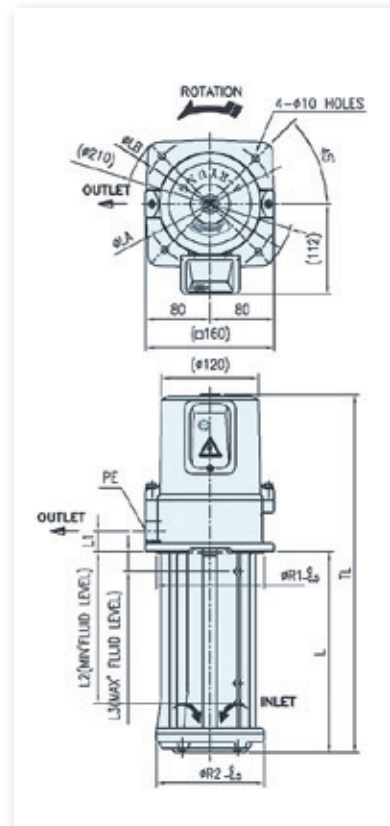
Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Immersion depth (mm)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACP-60F	25	0,2	3/8"	153	0,06	50	200/380	0,40/0,24	6,5
ACP-100F	35	0,2	3/8"	158	0,10	50	200/380	0,50/0,29	7,0
ACP-180F	75	0,3	1/2"	180	0,18	50	200/380	1,00/0,58	10,5
ACP-250F	120	0,4	3/4"	258	0,25	50	200/380	1,50/0,87	14,0
ACP-400F	140	0,5	1"	280	0,40	50	200/380	2,60/1,50	18,5
ACP-400HF 18	40	1,0	1"	180	0,40	50	200/380	2,60/1,50	18,0
ACP-400HF 28	40	1,0	1"	280	0,40	50	200/380	2,60/1,50	19,5

Model	L	L1	L2	L3	TL	ØR1	ØR2	ØLA	ØLB	PE
60F	153	19	100	20	316	90	90	132(130)	130(130)	PS 3/8"
100F	158	19	100	20	320	90	90	132(130)	134(130)	PS 3/8"
180F	180	20	118	25	365	115	115	160(160)	134(160)	PS 1/2"
250F	258	25	165	25	456	134	134	160(160)	170(160)	PS 3/4"
400F	280	28	160	65	515	135	135	180(180)	-	PS 1"

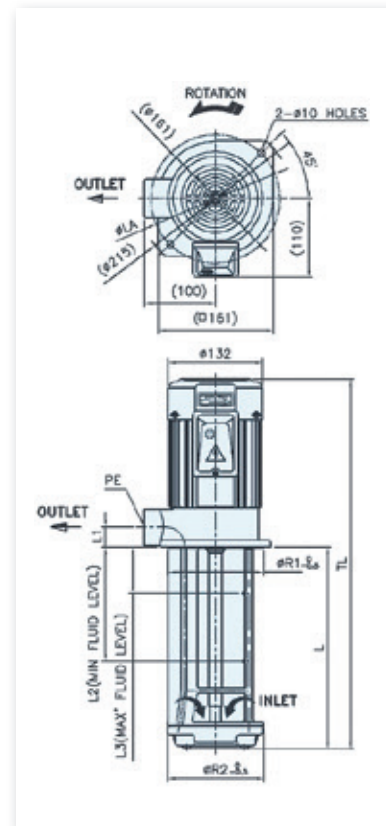
Model	L	L1	L2	L3	TL	ØR1	ØR2	PE
400HF 18	180	29	110	20	420	152	146	PS 1"
400HF 28	280		209	30	520			



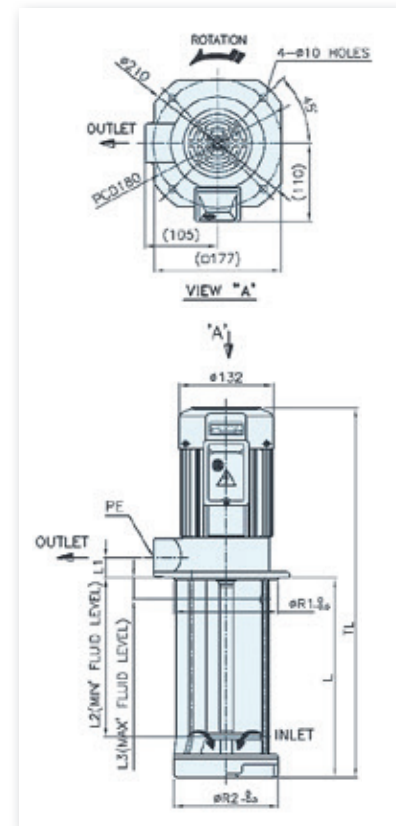
ACP-60F, ACP-100F



ACP-180F, ACP-250F



ACP-400F

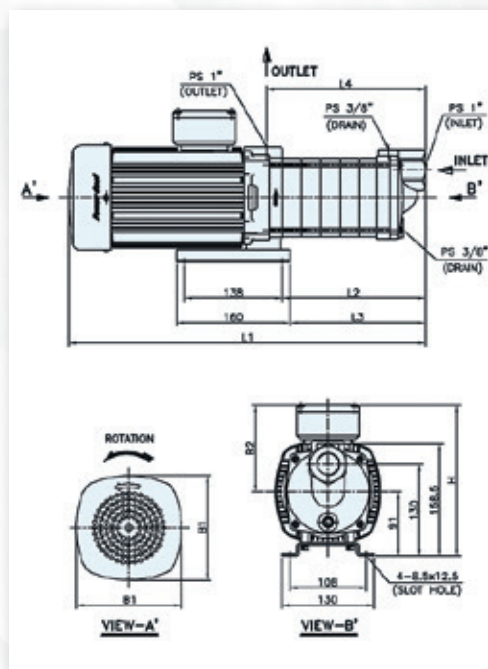
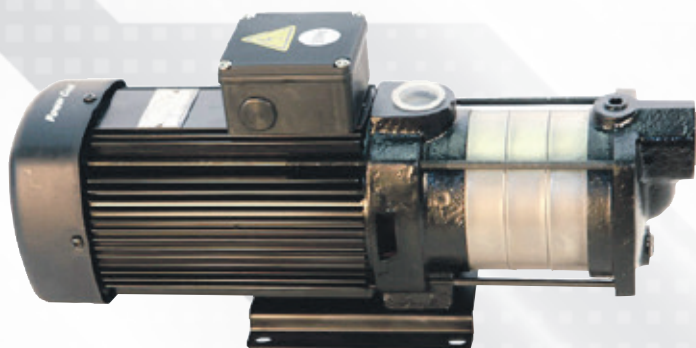


ACP-400HF 18/28

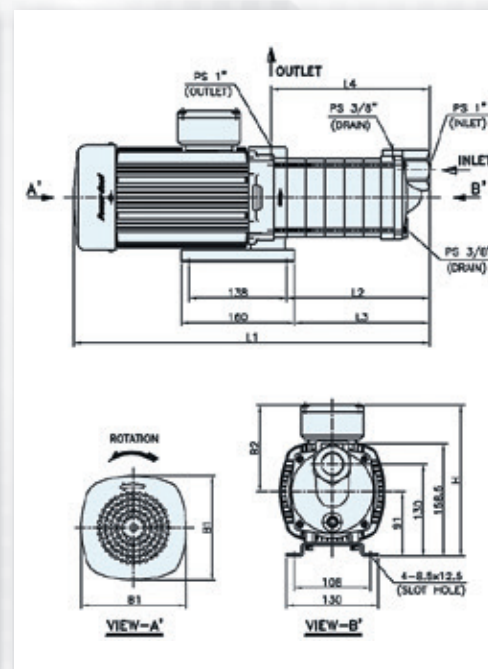
COOLANT PUMPS

ACH

- ACH series pump is installed horizontally.
- Due to its small size it is easy to install in small spaces.
- The pumps are mainly made of stainless steel.
- The mechanical seal is made of FKM which endures high temperatures and ensures long life cycle.



ACH 2-60



ACH 4-40

Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACH 2-60	43	3,4	1"	1,1	50	200/380	4,4/2,5	14,1
ACH 4-40	100	1,8	1"	1,1	50	200/380	4,4/2,5	14,2

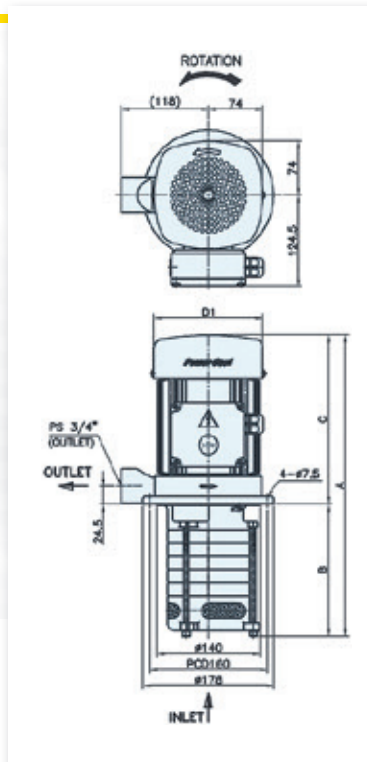
Model	L1	L2	L3	L4	L5
ACH 2-60	458	158	146	179	214

Model	L1	L2	L3	L4	H
ACH 4-40	474	149	137	170	214

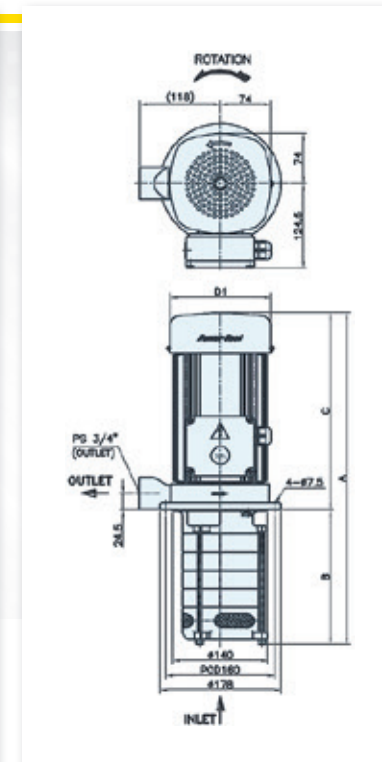
COOLANT PUMPS

ACHK

- The pumps in this series can easily be used as replacements among others in Mori-Seiki and Mazak machine tools.
- Pumps are mainly made of stainless steel.
- The mechanical seal is made of FKM which endures high temperatures and ensures long life cycle.



ACHK 2



ACHK 4

Model	A	B	C	D1
ACHK 2-60/6	462	198	264	145
ACHK 2-100/6	560	270	290	145
ACHK 4-30/3	437	171	266	145
ACHK 4-40/4	467	198	269	145
ACHK 4-70/5	563	279	284	145

Model	Discharge volume (l/min)	Pressure (bar)	Immersion depth (mm)	Outlet (PS)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACHK 2-60/6	40	4,0	198	3/4"	1,1	50	200/380	4,48/2,36	13,8
ACHK 2-100/10	40	4,0	270	3/4"	1,1	50	200/380	4,48/2,36	16,8
ACHK 4-30/3	100	1,3	171	3/4"	0,75	50	200/380	4,00/2,10	13,1
ACHK 4-40/4	100	1,3	198	3/4"	1,1	50	200/380	4,48/2,36	15,0
ACHK 4-70/5	100	2,6	285	3/4"	1,1	50	200/380	4,48/2,36	16,4

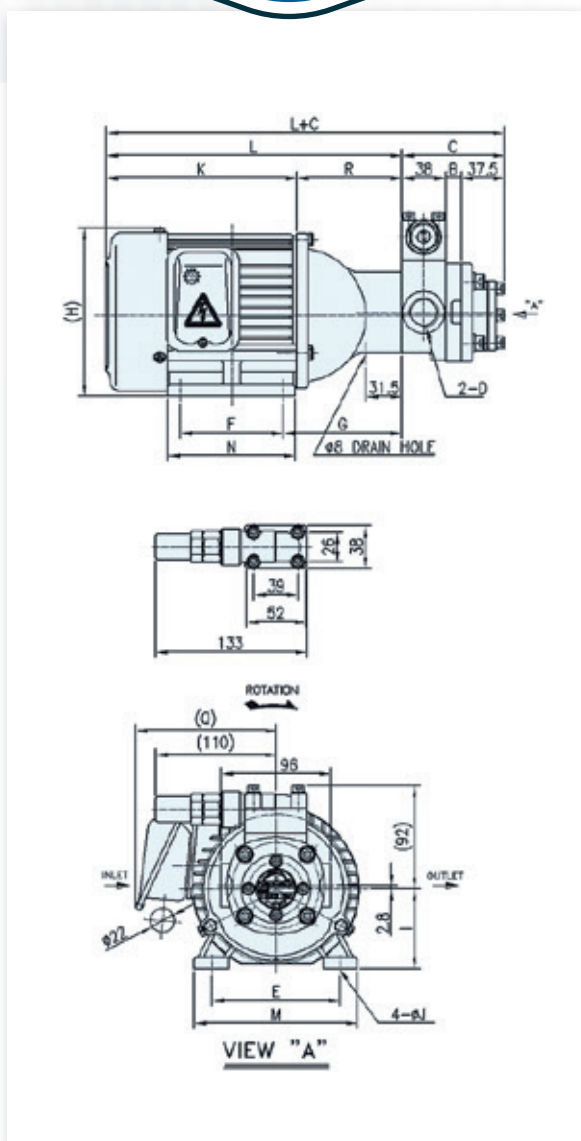
COOLANT PUMPS



If you have an old/broken pump of similar type, you can send us the following information: size of the motor, type of the pump and size of the relief valve, and we can check if we have a substitute pump in our stock.

ATP-HAVB

- In machine tools, these pumps are mainly used for CTS (coolant thru spindle operations).
- This pump has a relief valve to control the pressure.
- These pumps can be used for pump oils or coolants, but you need to know which type you need before ordering.



Model	Discharge volume (l/min)	Max pressure / motor (bar)			Inlet/Outlet (PT)	Weight (kg)
		400W	750W	1500W		
ATP-204HAVB	6,5	21,5	30,0	30,0	1/2"	3,6
ATP-206HAVB	9,0	7,0	25,0	25,0	1/2"	3,6
ATP-208HAVB	12,6	4,5	23,0	25,0	1/2"	3,7
ATP-210HAVB	15,3	3,5	15,5	25,0	3/4"	3,8
ATP-212HAVB	18,0	2,0	13,5	20,0	3/4"	4,0
ATP-216HAVB	24,3	-	8,5	20,0	3/4"	4,2
ATP-220HAVB	29,7	-	5,5	15,5	3/4"	4,5

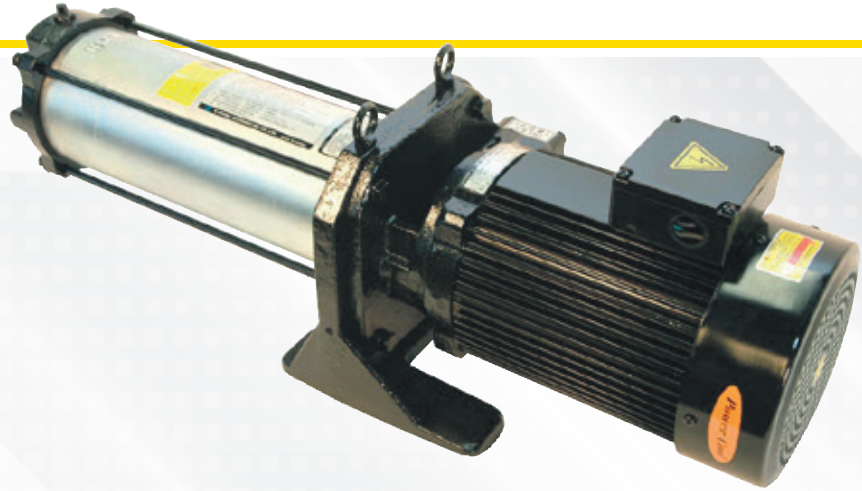
Model	B	C	Inlet / Outlet
AMTP-204 HAVB	7	82,5	PT 1/2"
AMTP-206 HAVB	10	85,5	
AMTP-208 HAVB	14	89,5	
AMTP-210 HAVB	17	92,5	PT 3/4"
AMTP-212 HAVB	20	95,5	
AMTP-216 HAVB	27	102,5	
AMTP-220 HAVB	33	108,5	

Motor	Frequency (Hz)	Voltage (V)	Current (A)
400W	50	200/380	2,2/1,3
750W	50	200/380	3,6/2,0
1500W	50	200/380	6,3/3,3

Relief valve	Pressure range (bar)
15	0 – 4
25	4 – 8
35	6 – 15
45	12 – 30

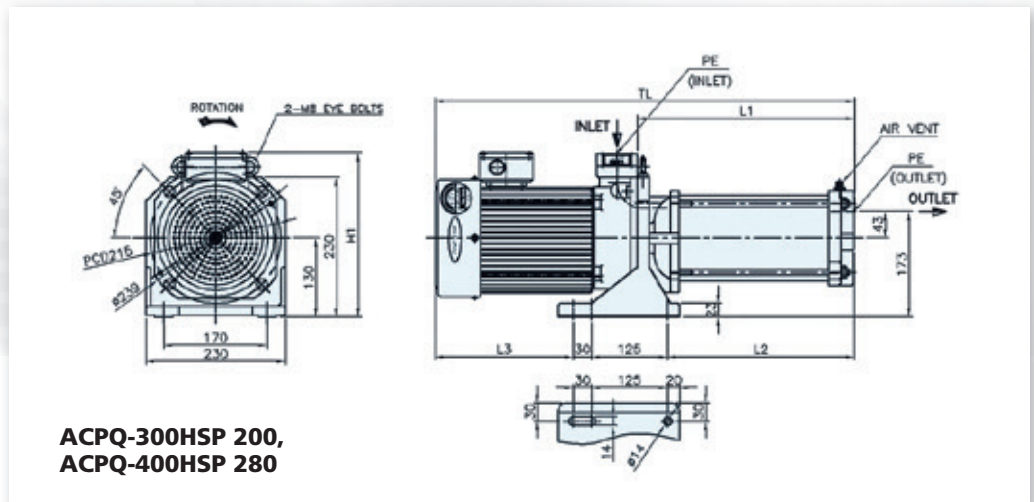
Model	E	F	G	H	I	J	K	L	M	N	Q	R
400W	112	90	104,5	150	71	10	167	259,5	143	120	125	92,5
750W	125	100	112,5	169	80	10	206	298,5	167	135	145	92,5
1500W	140	125	107,5	193	90	10	230	319	172	155	155	89

COOLANT PUMPS



ACPQ-HSP

- The pumps in this series are mainly used in CNC-lathes and CNC-machining centers due to their high pressure and sufficient flow rate (used as original installation for example in South Korean machine tools Doosan, Hyundai, Samsung and Hwacheon).
- The pump is designed in such a way that heat transfer is minimal between the motor and the pump.
- The impeller is made of stainless steel, which prevents rusting.



Model	Discharge volume (l/min)	Pressure (bar)	Outlet (PS)	Inlet (PS)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)	Weight (kg)
ACPQ-300HSP 200	20	14,0	1/2"	1/2"	2,9	50	200/380	10,1/5,8	64
ACPQ-400HSP 280	20	19,5	1/2"	1/2"	4,0	50	200/380	14,2/8,2	73

Malli	L1	L2	L3	TL	H1	PE (INLET)	PE (OUTLET)
300HSP 200	358	308	227	690	271	PS 1/2"	PS 1/2"
400HSP 280	465	415	247	817	271	PS 1/2"	PS 1/2"

COOLANT PUMPS

MPS 03 SCREWPUMP (40 BAR AND 70 BAR)

APPLICATIONS:

- High pressure pumps with low volumetric delivery
- Cutting, turning milling, boring, grinding and similar applications of machine tools
- Especially used for deep hole boring operations due to the high pressure up to 100 bar
- Pumping cutting/cooling fluids in circulation systems

FLUID SPECIFICATIONS:

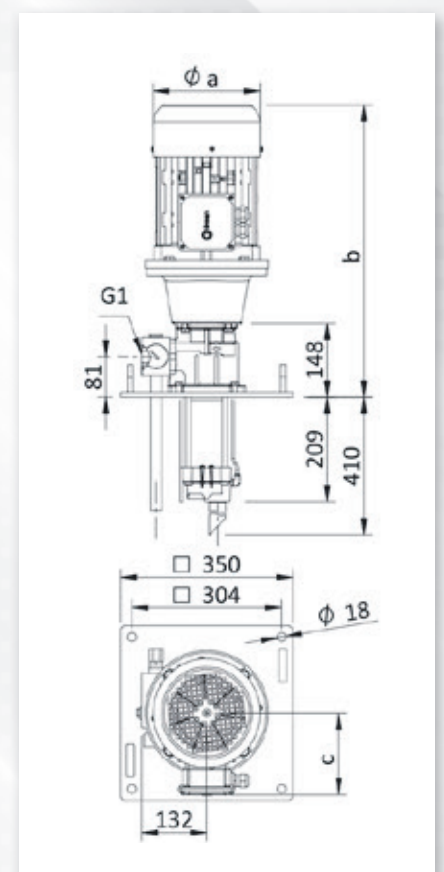
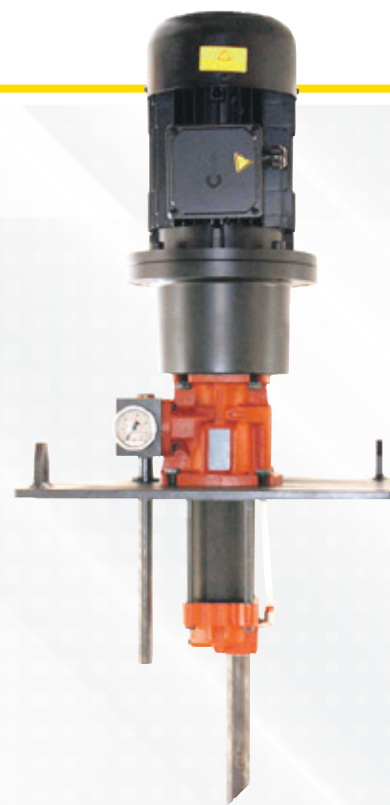
- Coolants
- Emulsions (minimum 5% oil)
- Cutting oils
- Thermal oils (contact for detailed information)
- Grinding oil
- Kinematic viscosity 1...400 mm²/s (contact for higher viscosities)

MATERIALS:

Spindles: high performance steel
 Pump body: Cast iron - DIN GG 25
 Suction casing: Cast iron - DIN GG 25
 Discharge casing: Cast iron - DIN GG 25
 Housing and coupling: Aluminium
 Rotary shaft lip-type seal: PTFE
 O-ring: FKM (FPM)
 suction pipe: Steel

MOTOR:

IE2 3-phase induction motor
 2-pole, 3000 RPM
 Protection degree, IP 55
 Insulation class F



Model	Discharge volume (l/min)		Power (kW)	Weight (kg)
	1cSt	25cSt		
40 bar	33,8	41,7	4	48
70 bar	26,2	38,7	7,5	62

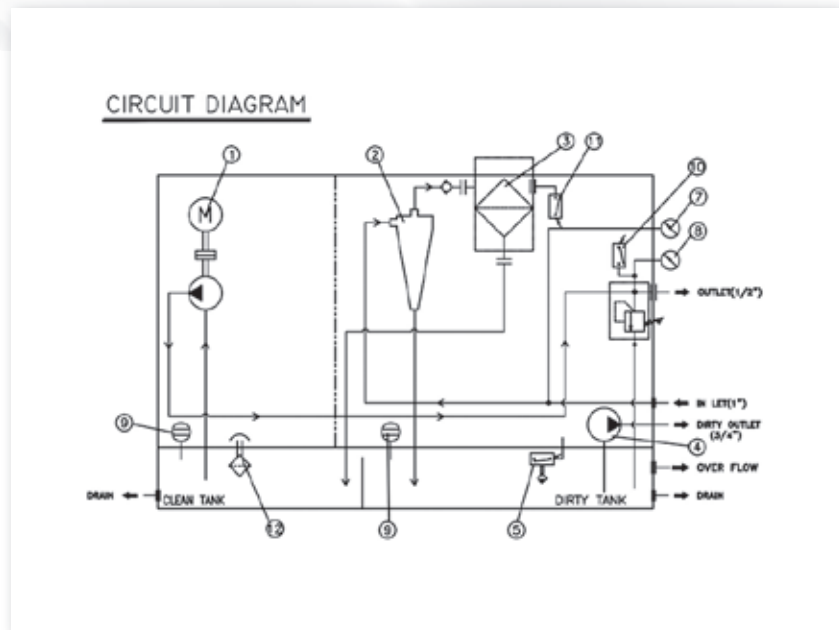
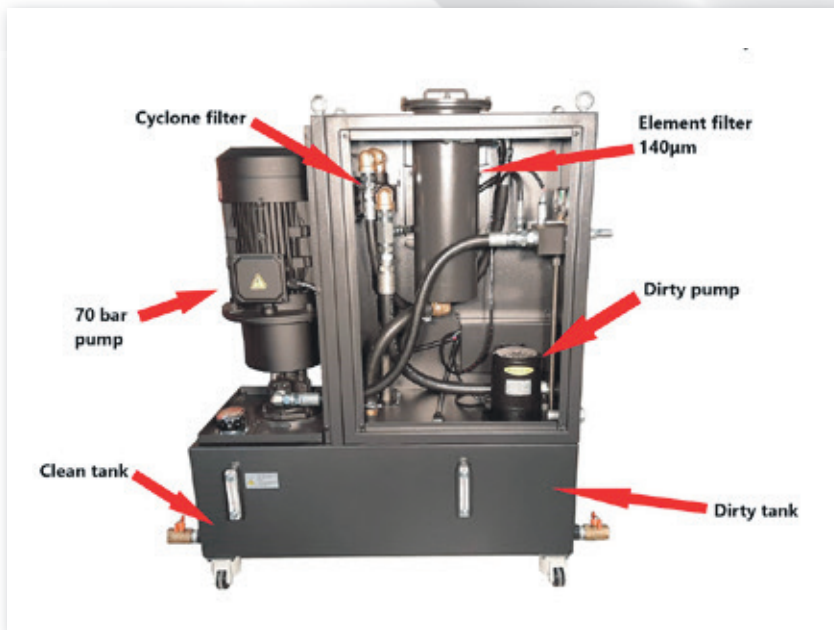
COOLANT PUMPS



ACFC-S-70-20A-TM

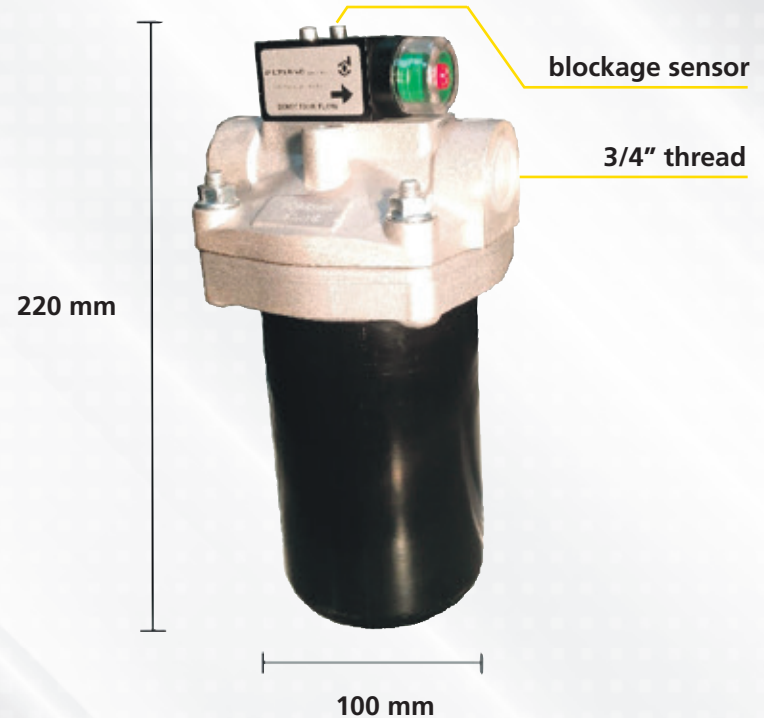
- ACFC-S-70-20A-TM is coolant filtration system with high pressure pump.
- It is compact and well finished

Model	Discharge volume (l/min)	Pressure (bar)	Power (kW)	Frequency (Hz)	Voltage (V)	Current (A)
ACFC-S-70-20A-TM	18	70	5,5	50	220	24,2



EMULSION PRESSURE FILTER

- Protects tools from damage
- Flow: 80 l/min max
- Pressure: 30 bar max
- Filter: 90 µm
- Optional: 60 µm filter



SARIGÖL – CHIP CONVEYORS

HINGED BELT CONVEYORS

Hinged belt conveyors are used to convey a broad range of long, rough, curled and crumb type chips. They can convey chips which come from transmission steel, work tool steel, aluminum alloy metal, as well as other materials such as teflon, delrin, etc. These conveyors are designed to sustain corrosion and impact. Hinged belt conveyors are available in different dimensions, angles and chip capacities.



DRAG CONVEYORS

Drag conveyors are used to convey small chips and particles which come from materials such as iron, cast-iron, brass-alloys and aluminium. Drag conveyors are available in different dimensions, angles and chip capacities.

MAGNETIC CONVEYOR

Magnetic conveyors are used to carry chips and workpieces. Conveyors are suited only for small and light-weight objects.



Tekupit Oy

We stock original coolant pumps for South Korean machines such as Doosan, Hyundai and Hwacheon. We have also wide range of oil skimmers and oil mist collectors in our stock.

If you have any questions, do not hesitate to contact us!

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Showroom - Warehouse
Lasikaari 3, FIN-33960 Pirkkala

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