



ACCESSORIES

Reservoir Accessories	2
- Fluid Level Gauges & Sight Glasses	3
- Filler Breathers - Bayonet Style	6
- Filler Breathers - Screw-In Style	8
- Pressure Filler Breather Caps	10
- Optional Features Filler Breather	11
Drive Components	12
- Drive Couplings Taper Shafts	12
- Drive Couplings Parallel Shafts	13
- Bell Housing & Couplings	14
Heat Exchangers	16
- Air/Oil Heat Exchangers	16
- Water/Oil Heat Exchangers	23
Adaptor Plates	25
Foot Bracket Kits	26
Blanking Plates	26
Bolt Kits	27
Quick Hitch Valves	29



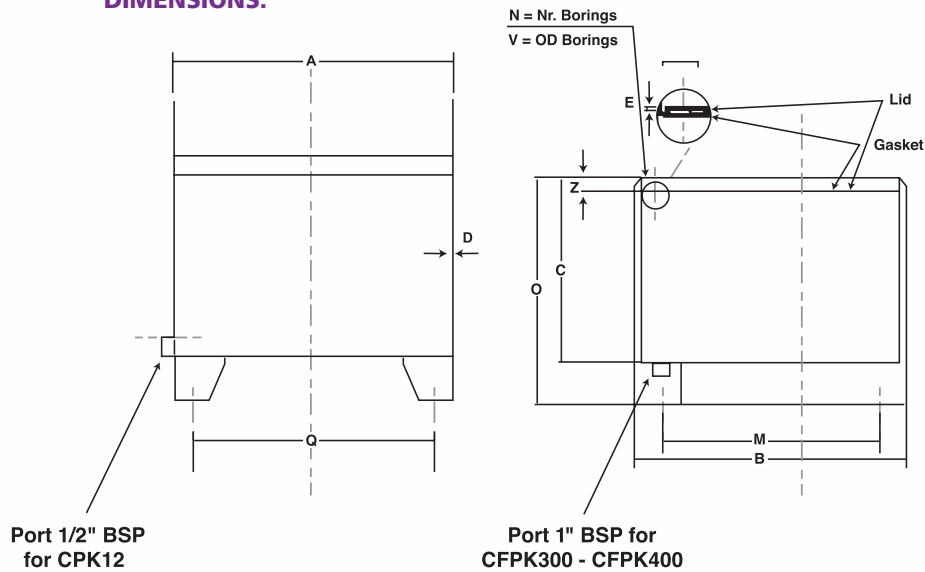
RESERVOIR ACCESSORIES

BHA Steel Oil Tanks

FEATURES:

- **APPLICATION** Reservoir for hydraulic power units
- **CONSTRUCTION** Mild steel welded tank with lipped rim
- **SIZES** 14 – 390 litre usable capacity

DIMENSIONS:



Complete Unit	Tank Only	Gasket	Lid	Usable Capacity	Dimensions (mm)									Lid Fixing	
					A	B	C	D	E	M	O	Q	Z	N	V
CFK12GC*	CFK12	GS12	CCF12	14	346	278	235	2	4	208	290	285	20	6	M8
CFK16GC*	CFK16	GS16	CCF16	22	424	339	250	2	4	270	305	364	20	6	M8
CFK30GC*	CFK30	GS30	CCF30	39	480	383	280	2	4	312	335	428	20	8	M8
CFK55GC*	CFK55	GS55-75	CCF75	58	612	482	310	2.5	4	401	365	548	20	10	M8
CFK75GC*	CFK75	GS55-75	CCF75	75	612	482	400	2.5	4	401	455	548	20	10	M8
CFK100GC*	CFK100	GS100	CCF100	100	687	534	450	2.5	4	455	505	625	20	10	M8
CFK180GC*	CFK180	GS180	CCF180	165	817	634	500	2.5	4	555	555	755	20	10	M8
CFPK225GC**	CFPK225	GS225	CSP225	205	920	620	585	3	6	510	640	820	28	10	M8
CFPK300GC**	CFPK300	GS300	CSP300	245	920	720	600	3	8	610	700	820	28	10	M10
CFPK400GC**	CFPK400	GS400	CSP400	390	1280	785	620	3	8	650	720	1160	28	14	M10

* Light Series

** Heavy Duty Series

Shaded cells are indent only.



FLUID LEVEL GAUGES & SIGHT GLASSES

BHA Fluid Level Gauges

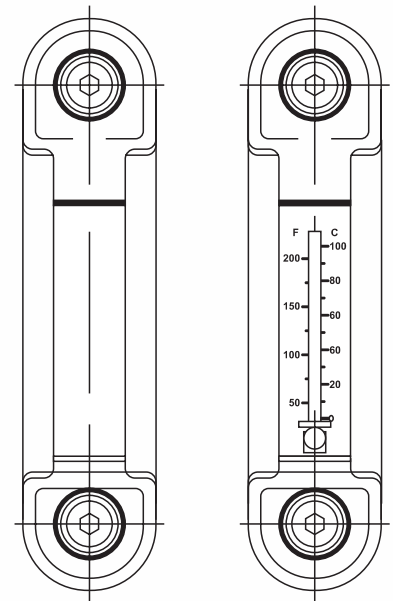
FEATURES:

- Ultrasonically welded transparent polyamid material
- Suitable for pressurised reservoirs
- Suitable for tank wall thickness to 12.7mm (0.5")
- Suitable for lubricants, mineral and petroleum based hydraulic and fire-resistant fluids
- Maximum visibility of fluid levels
- Maximum temperature 100°C (212°F)

LVA10SAM10P01	76mm bolt centres, M10 bolts
LVA20SAM12P01	127mm bolt centres, M12 bolts
LVA30SAM12P01	254mm bolt centres, M12 bolts

BHA Fluid Level Gauges with Thermometers

LVA10TAM10P01	76mm bolt centres, M10 bolts
LVA20TAM12P01	127mm bolt centres, M12 bolts
LVA30TAM12P01	254mm bolt centres, M12 bolts



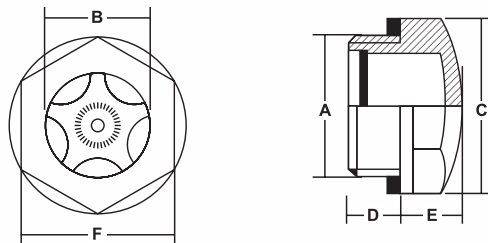
BHA Fluid Level Sight Glass - SG Series

SPECIFICATIONS:

- Transparent polyamid lens
- Anodized aluminium reflector
- Operating temperature to 100°C
- Buna-N seal
- For use with Lubricants, mineral and petroleum based hydraulic and fire resistant fluids



DIMENSIONS:



Part Number	A	B		C		D		E		F	
		in	mm	in	mm	in	mm	in	mm	in	mm
SG-04	1/4" BSP	0.35	9	0.71	18	0.28	7	0.24	6	0.59	15
SG-06	3/8" BSP	0.43	11	0.87	22	0.32	8	0.28	7	0.75	19
SG-08	1/2" BSP	0.55	14	1.02	26	0.32	8	0.32	8	0.87	22
SG-08S	3/4"-16 SAE	0.51	13	1.02	26	0.59	15	0.32	8	0.87	22
SG-12	3/4" BSP	0.79	20	1.22	31	0.35	9	0.39	10	1.06	27
SG-12S	1 1/16"-12 SAE	0.75	19	1.38	35	0.59	15	0.39	10	1.18	30
SG-16	1" BSP	1.00	25	1.58	40	0.43	11	0.39	10	1.34	34
SG-20	1-1/4" BSP	1.18	30	1.85	47	0.47	12	0.51	13	1.61	41

ORDERING INFORMATION:

SG 16
(1) (2)

(1) PRODUCT TYPE

SG = Sight glass

(2) BREATHER TYPE

04 = 1/4" BSP	12 = 3/4" BSP
06 = 3/8" BSP	12S = 1 1/16" 12 SAE
08 = 1/2" BSP	16 = 1" BSP
08S = 3/4" 16 SAE	20 = 1-1/4" BSP



MPFILTRI
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Float Level Switches - 'RL' electro magnetic fluid level indicator



FEATURES:

- Unique design enables a fully adjustable float position to be obtained from a standard length product
- Rapid-level 'RL' Series. Single, double or side mounted type
- Rugged, compact, lightweight
- Flanged and threaded options
- Complete range of single and double switch options
- Trouble-free reed switches housed in a totally sealed unit
- DIN 43650 Connector as standard
- IP65 Rated
- LED option available
- **EASY TO USE** The control rod is cut to length "on site" with no special tools required
- **VARIETY OF APPLICATIONS** The reed switch and magnets are totally sealed and can be used with a wide range of fluids
- **ELECTRICALLY SAFE** No electrical contact with the fluid

SPECIFICATIONS:

- Glass filled nylon
- Stainless steel rod
- Delrin float with silicone security joint

MOUNTING OPTIONS:

- 1" Thread (RL-G1)
- 1-1/4" Thread (RL-G2)
- Flange (complete with gasket and screws) (RL-G1, RL-G2, RL-L)

MPFILTRI[®]
spa
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MP Filtri designs, develops, manufactures and supplies a comprehensive range of hydraulic filters, accessories and a full line of drive component products, for the fluid power industry.

MP Filtri was founded in Italy by Mr. Bruno Pasotto in 1964. Today, MP Filtri is Italy's leading manufacturer of hydraulic filters and accessories.

Every one of MP Filtri's products undergo a programme of analysis, verification and control, representing the dedication to quality which has always been a hallmark of the company.



TEMPERATURE RANGE:

- -20°C to 100°C

FLUID CAPACITY: (for other fluids, consult Berendsen Fluid Power)

- Mineral oils
- Water based emulsions
- Synthetic fluid
- Water glycols

REED SWITCH DETAIL - MAXIMUM VALUES:

	S1 Type	S2 Type
• Current	3A	1.5A
• DC Power	60W	50W
• AC Power	60VA	60VA
• Voltage	250V	250V

ORDERING INFORMATION:

RL-G2	R	F3	S1A	S1	500
(1)	(2)	(3)	(4)	(5)	(6)

(1) RL SERIES

RL-G1 = One float type
 RL-G2 = Two float type
 RL-L = Horizontal type (single float only)

(2) NORMAL SERIES

= Standard Series
 R = Strengthened Series (for turbulent fluids)

(3) TYPE OF MOUNTING

FLANGE CONNECTION TYPE
 F3 = RL-G1, RL-G2 and RL-L 3 M4 holes
THREAD CONNECTION TYPE
 1 = 1" BSP (RL-G1)
 1-1/4 = 1-1/4" BSP (RL-G2)

(4) WIRING SCHEME LOWER FLOAT

S1 = CLOSED contacts in the absence of fluid
 S1A = OPEN contacts in the absence of fluid
 S2 = OPEN or CLOSED contacts in the absence or presence of fluid

(5) WIRING SCHEME UPPER FLOAT - RL-G2 ONLY

S1 = CLOSED contacts in the presence of fluid
 S1A = OPEN contacts in the presence of fluid
 S2 = OPEN or CLOSED contacts in the absence or presence of fluid

(6) FLOAT LENGTH

500 = 500 mm
 1000 = 1000 mm

ORDER LED SEPERATELY:

LED - VISUAL LIGHT INDICATOR

LED.1 = Supplied seperately and is easily installed in conjunction with the DIN 43650 connector - AC/DC - 24V



FILLER BREATHERS - BAYONET STYLE

BHA ABB/MBB Series



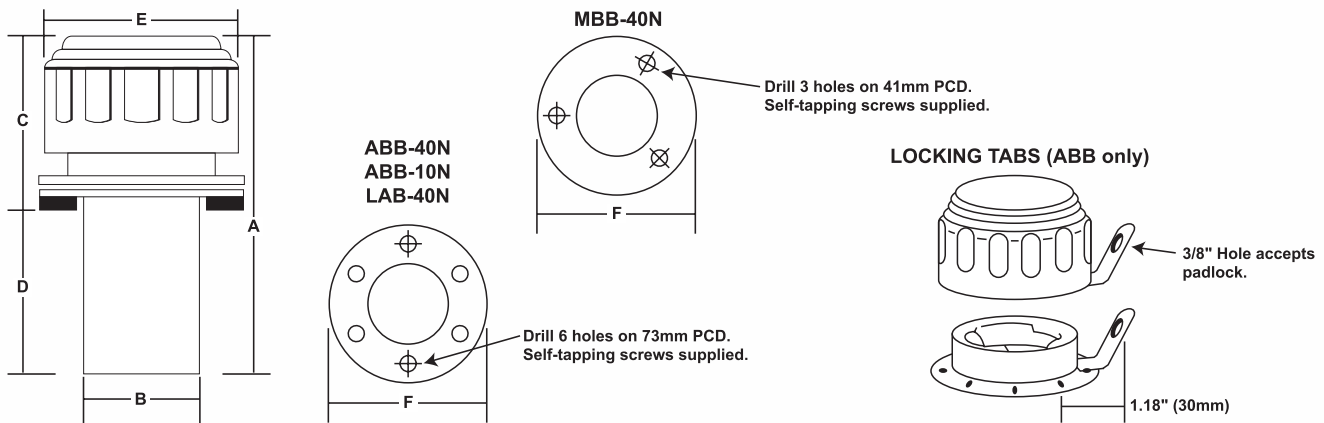
SPECIFICATIONS:

- Chrome plated steel cap
- Air flow to 0.7M³/min. (25cfm)
- 30 Mesh technopolymer
- Self tapping screws for flange mount
- Cork gaskets

OPTIONS:

- Two cap diameters available -
75mm (3") for air flow to 0.7M³/min. and 46mm (1.8") for air flow to 0.25M³/min.
- 10 Micron and 40 Micron available with 75mm cap
- 76mm, 152mm or 200mm baskets
- Lockable version with key lock and plastic lock cover
- Lockable version with locking tabs
- Neoprene gaskets available

DIMENSIONS:



Part Number	Micron Rating	Displacement L/min.	Airflow M ³ /min.	Dimensions in mm					
				A	B	C	D	E	F
ABB 40N	40	700	0.7	150	50	55	95	80	83
ABB 10N	10	420	0.42	150	50	55	95	80	83
LAB 10N	10	700	0.7	145	50	55	95	75	83
MBB 40N	40	250	0.25	110	28	45	65	47	52

ORDERING INFORMATION:

AB B 40 N LT
(1) (2) (3) (4) (5)

(1) PRODUCT TYPE

AB = Standard breather
LA = Lockable breather
MB = Mini breather

(2) BAYONET STYLE

(3) MICRON RATING

10 = 10 Micron
40 = 40 Micron

(4) BASKET STYLE

N = Standard
S3 = 76mm
S6 = 152mm
S8 = 203mm

(5) OPTIONS

LT = Locking tabs (ABB)
R = Neoprene Gaskets
D = Dipstick
SMB = Side Mount



BHA BPB/BPT Series

SPECIFICATIONS:

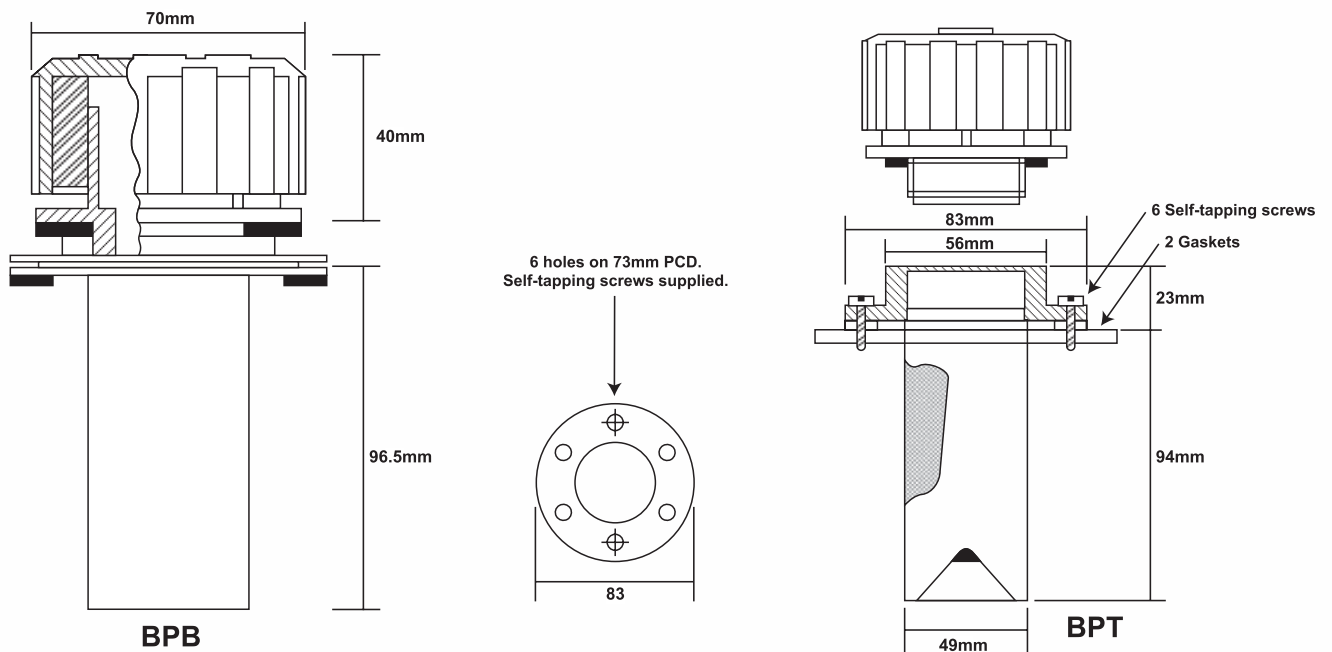
- High impact technopolymer
- Temperature range - 30°C to 120°C
- 70mm (2.75") diameter cap
- Airflow to 0.5M³/min (17cfm)
- 1080 L/min. Displacement at 0.1 bar (1.5psi)
- 30 Mesh technopolymer basket

OPTIONS:

- Dipstick version available
- 76mm, 152mm or 200mm baskets
- Anti-splash baffle available
- Neoprene gaskets available
- Available with bayonet or threaded flange



DIMENSIONS:



ORDERING INFORMATION:

BP B 40 N A
(1) (2) (3) (4) (5)

(1) PRODUCT TYPE

BP = Plastic breather

(2) BREATHER STYLE

B = Bayonet
T = Threaded flange

(3) MICRON RATING

10 = 10 Micron
40 = 40 Micron

(4) BASKET STYLE

N = Standard
S3 = 76mm
S6 = 152mm
S8 = 203mm

(5) OPTIONS

— = None
A = Anti-splash baffle
D = Dipstick
R = Neoprene gaskets
SMB = Side Mount



FILLER BREATHERS - SCREW-IN STYLE



BHA ABS/MBS Series

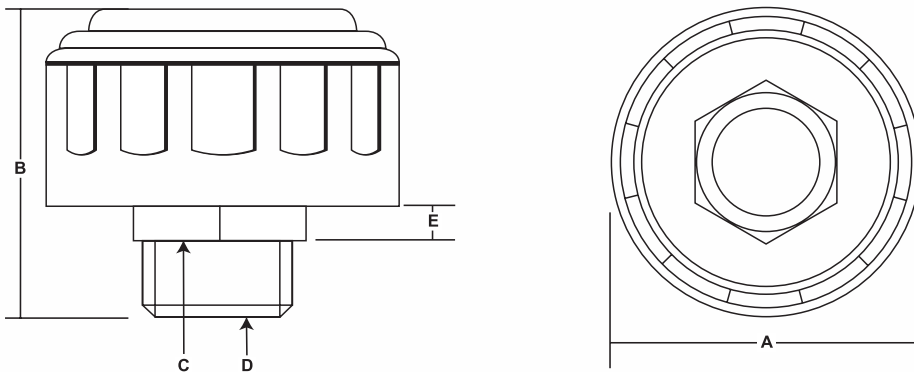
SPECIFICATIONS:

- Chrome plated steel cap
- Air flow to 0.7M³/min. (25cfm)
- 40 Micron version has foam element
- 10 Micron version has paper element

OPTIONS:

- Two cap diameters available
- 10 Micron and 40 Micron elements available
- Dipstick available

DIMENSIONS:



Part Number	Micron Rating	Displacement L/min.	Airflow M ³ /min. cfm			A	B	C	Thread D	E
ABS40	40	700	0.70	25	mm	80	69	35	3/4"	12
ABS10	10	420	0.4	15	ins	3.15	2.70	1.38	3/4"	0.5
MBS40	40	260	0.26	9	mm	47	52	19	1/4"	5
MBS10	10	135	0.14	5	ins	1.85	2.0	0.75	1/4"	0.2

ORDERING INFORMATION:

AB **S** **40** **B** **D**
(1) **(2)** **(3)** **(4)** **(5)**

(1) PRODUCT TYPE

AB = 75mm (3") Cap breather
 MB = 46mm (1.8") Cap breather

(2) BREATHER TYPE

S = Screw-in

(3) MICRON RATING

10 = 10 Micron
 40 = 40 Micron

(4) THREAD TYPE

B = BSP

(5) OPTIONS

D = Dipstick



BHA BPS, CPS, DPS Series

SPECIFICATIONS:

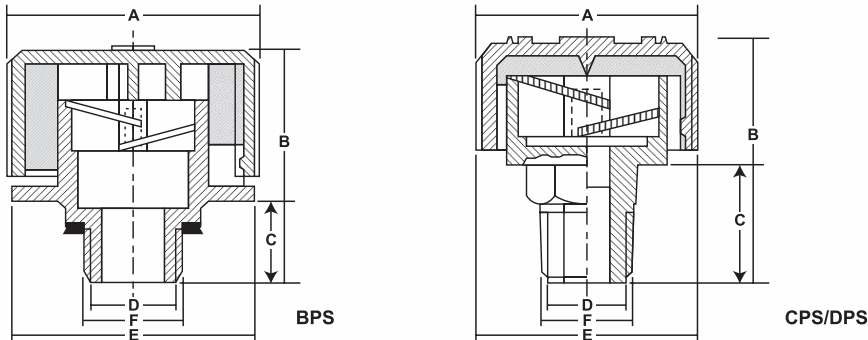
- High impact technopolymer construction
- Temperature range - 30°C to 120°C
- 40 Micron foam element
- Airflow to 0.5M³/min (17cfm)
- Displacement to 550 L/min. (145gpm)

OPTIONS:

- Three cap diameters available
- 1/4" or 3/8" thread available on 42mm cap
- 3/4" thread available on 57mm or 70mm cap
- Dipstick available on all versions
- Anti-splash baffle available
- 10 Micron element - 70mm cap only



DIMENSIONS:



Part Number	Micron Rating	Displacement L/min. ❖	Airflow M ³ /min. ❖		A	B	C	D	E	Thread F
DPS-40 *04	40	120	to 0.12	mm	42	37	18	8	30	1/4"
				ins	1.65	1.46	0.71	0.31	1.18	1/4"
DPS-40 *06	40	200	to 0.2	mm	42	37	18	10	30	3/8"
				ins	1.65	1.46	0.71	0.39	1.18	3/8"
CPS-40 *12	40	400	to 0.4	mm	57	48	13	16	39	3/4"
				ins	2.24	1.89	0.51	0.63	1.53	3/4"
BPS-40 *12	40	950	to 0.95	mm	70	63	21	16	68	3/4"
				ins	2.75	2.48	0.83	0.63	2.68	3/4"

❖ With anti-splash baffle option the displacement/airflow is reduced to 60%

ORDERING INFORMATION:

BP S 40 B 12 A
(1) (2) (3) (4) (5) (6)

(1) PRODUCT TYPE

BP = 70mm Cap
CP = 57mm Cap
DP = 42mm Cap

(2) BREATHER TYPE

S = Screw-in

(3) MICRON RATING

10 = 10 Micron
40 = 40 Micron

(4) THREAD TYPE

B = BSP

(5) THREAD SIZE

04 = 1/4"
06 = 3/8"
12 = 3/4"

(6) OPTIONS

— = None
A = Anti-splash
D = Dipstick



PRESSURE FILLER BREATHER CAPS

BHA PBB, PBS, RPB, RPS, RPT Series



This device is similar to a conventional breather, but it incorporates a relief valve set at 5 or 10 PSI and a vacuum breaker. When the fluid level first falls, air enters the reservoir through the vacuum breaker and filter. When the level rises, air is compressed rather than being expelled. Thereafter, changing fluid levels are accommodated by the changing size of the air bubble in the reservoir, instead of by breathing to atmosphere.

Pressured breathers can reduce breathing by as much as 90% to 95%, increasing the life of the breather filter by a factor of 10.

They are recommended for systems that are expected to operate in extremely dusty environments.

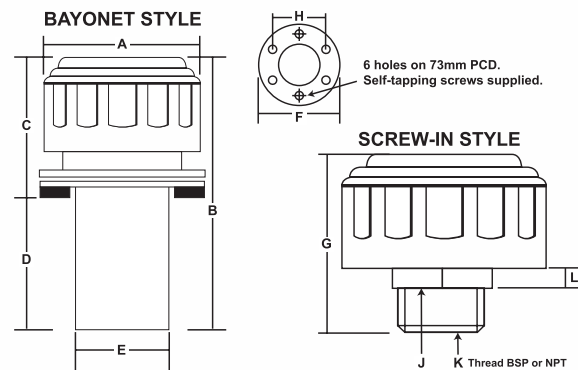
SPECIFICATIONS:

- Air flow to 0.7M³/min. (25cfm)
- Displacement 700 L/min. (185gpm)
- Temperature range -30°C to 100°C

OPTIONS:

- Chrome plated metal cap on model PBB/PBS
- High impact technopolymer cap on model RPS/RPT
- Bayonet or screw-in style available
- 10 to 40 micron elements available
- Relief Valve setting 0.35 bar (5 PSI) or 0.7 bar (10 PSI)
- 76mm, 152mm or 203mm baskets available
- Dipstick available

DIMENSIONS:



Part Number		A	B	C	D	E	F	G	H	J	K	L
PBB	ins	3.15	5.95	2.25	3.80	1.95	3.25	-	2.88	-	-	-
	mm	80	151	57	97	50	83	-	73	-	-	-
PBS	ins	3.15	-	-	-	-	-	2.56	-	1.38	3/4"	0.50
	mm	80	-	-	-	-	-	65	-	35	-	12
RPB/T	ins	2.75	6.30	2.50	3.8	1.95	3.25	-	2.88	-	1-1/4"BSP	-
	mm	70	160	63	97	50	83	-	73	-	-	-
RPS	ins	2.75	-	-	-	-	-	2.60	-	1.38	3/4"	0.24
	mm	70	-	-	-	-	-	66	-	35	-	6

ORDERING INFORMATION:

RP (1) B (2) 40 (3) — (4) 5 (5) N (6) D (7)

(1) PRODUCT TYPE

PB = Chrome Cap
RP = Plastic Cap

(2) BREATHER STYLE

B = Bayonet
S = Screw-in
T = Threaded flange

(3) MICRON RATING

40 = 40 Micron
10 = 10 Micron

(4) CONNECTION

— = Bayonet
B = BSP

(5) RELIEF VALVE SETTING

5 = 0.35 bar (5 PSI)
10 = 0.7 bar (10 PSI)

(6) BASKET STYLE

N = Nylon (standard)
S3 = 76mm
S6 = 152mm
S8 = 203mm

(7) OPTIONS

— = None
D = Dipstick
LT = Locking tabs (metal only)



OPTIONAL FEATURES FILLER BREATHER

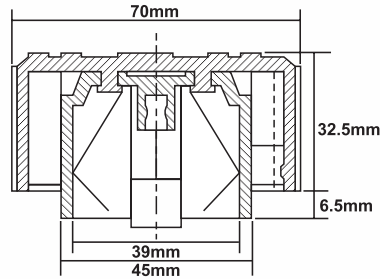
BHA Push-on Breather

SPECIFICATIONS:

- High impact technopolymer construction
- 40 Micron foam element
- 70mm diameter cap
- Pushes over 1-1/2" tube
- Temperature range -30°C to 120°C

PART NO.: ABO-40

DIMENSIONS:

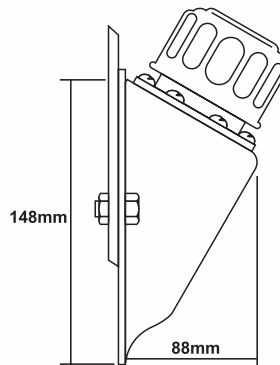


BHA Side Mount

FEATURES:

- Can be used with all Bayonet Flange Breathers (except MBB)
- Max. torque for fastening 112in. lbs with washers

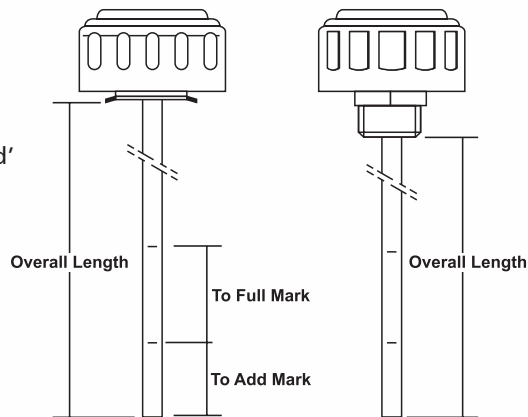
PART NO.: SM-B (Accepts 4N, S3 Baskets)
Elesa Design - PLRB



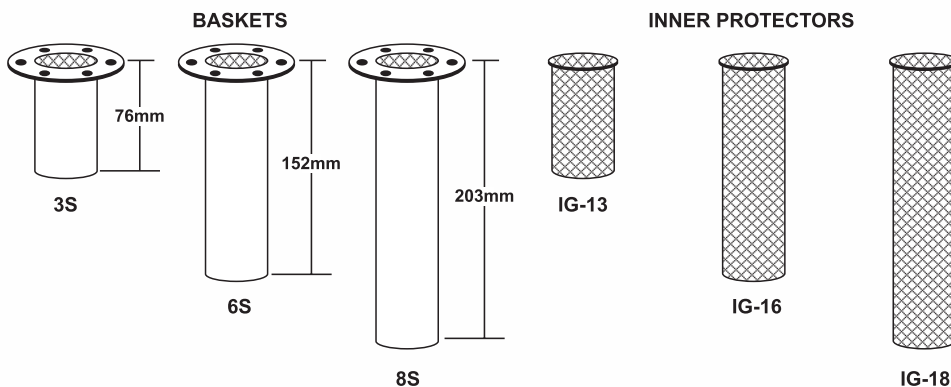
BHA Dipstick (D)

FEATURES:

- Dipsticks can be fitted to AB, BP, CP, DP, PB and RB Series.
- Dipsticks will be marked 'full' and 'add'



BHA Stock Accessories





DRIVE COMPONENTS

DRIVE COUPLINGS TAPER SHAFTS

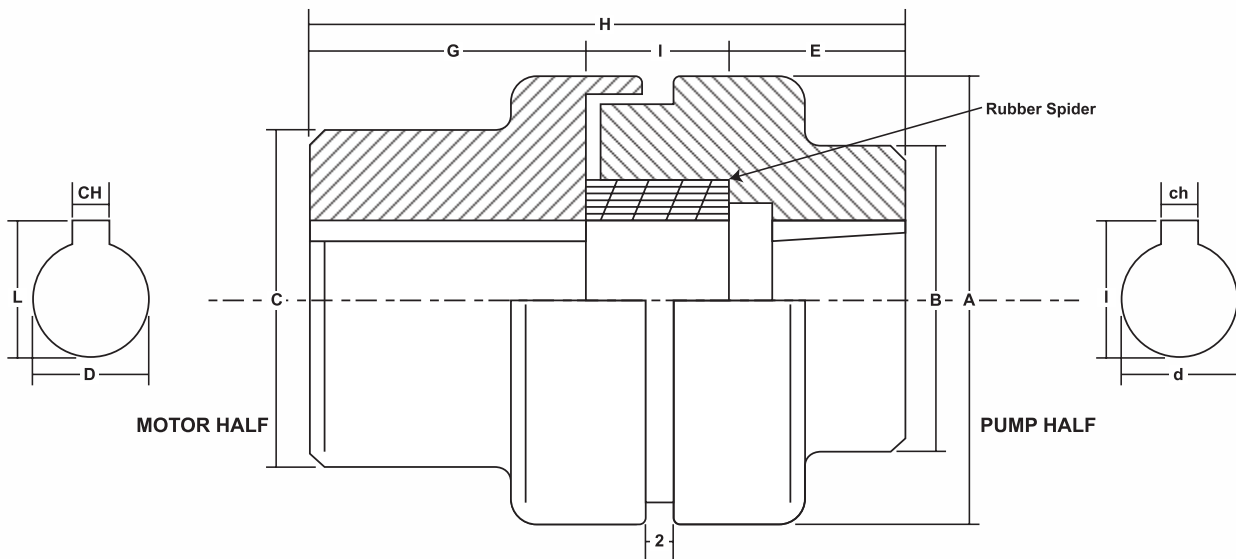
BHA LC Series

SPECIFICATIONS:

- Aluminium construction
- Nitrile rubber spider
- 2° Angular misalignment allowable
- Suitable up to 74kgm. torque
- Easy to assemble

OPTIONS:

- All sizes available up to 230kW
- Power transmission



ORDERING INFORMATION & DIMENSIONS:

Motor Half Coupling

Pump Half Coupling

Part Number	A	C	G	D	ch	L	Part Number	A	B	E	I	d	t
LC48M10	48	30	19	11	4	12.8	LC48TB	48	30	17	16	9.7	15
LC48M11	48	30	29	14	5	16.3	LC65TB	65	34	21.5	18	9.7	15
LC48M12	48	38	54	19	6	21.8	LC65TC	65	34	21.5	18	17.2	23
							LC65ATC	65	48	31.5	18	17.2	23
LC65M12	65	42	47.5	19	6	21.8	LC65TD	65	48	31.5	18	22.2	28
LC65M13	65	48	47.5	24	8	27.3							
LC65M14	65	53	57.5	28	8	31.3	LC86TC	86	42	27	20	17.2	23
							LC86TD	86	55	27	20	22.2	28
LC86M12	86	55	48	19	6	21.8	LC86HTD	86	55	48	20	22.2	28
LC86M13	86	55	48	24	8	27.3	LC86TE	86	55	48	20	25.6	35
LC86M14	86	55	60	28	8	31.3							
LC86M16	86	73	88	38	10	41.3	LC108TC	108	64	34	24	17.2	23
							LC108TD	108	64	34	24	22.2	28
LC108M17	108	84	110	42	12	45.3	LC108ATD	108	64	42	24	22.2	28
LC108M18	108	100	110	48	14	51.8	LC108TE	108	64	34	24	25.6	35
LC108M19	108	100	110	55	16	59.3	LC108ATE	108	64	42	24	25.6	35
							LC108ATF	108	64	42	24	33.3	45
LC143M20	143	137	128	60	18	64.4	LC143TE	143	75	52	29	25.6	35
							LC143TF	143	75	52	29	33.3	45



DRIVE COUPLINGS PARALLEL SHAFTS

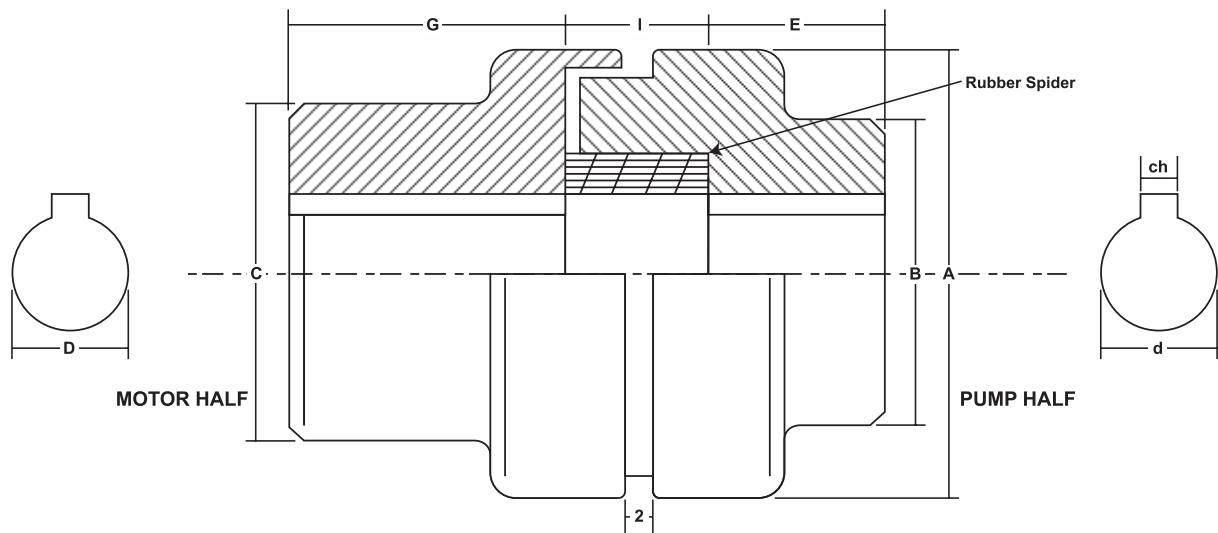
BHA LC Series

SPECIFICATIONS:

- Aluminium construction
- Nitrile rubber spider
- 2° Angular misalignment allowable
- Suitable up to 74kgm. torque
- Easy to assemble

OPTIONS:

- Sizes to suit motors up to D280 frame
- Power transmission up to 230 kW
- Couplings to suit other shaft sizes available



ORDERING INFORMATION & DIMENSIONS:

Motor Half Coupling

Pump Half Coupling

Part Number	A	C	G	D	Part Number	A	B	E	I	d
LC65M12	65	42	47.5	19	LC65P05	65	42	50	18	15.88
LC65M13	65	48	47.5	24	LC65P06	65	42	50	18	19.05
					LC65P07	65	42	50	18	22.23
LC86M14	86	55	60	28	LC86P06	86	55	48	20	19.05
LC86M16	86	73	88	38	LC86P07	86	55	48	20	22.23
LC108M16	108	73	77	38	LC108P06	108	64	48	24	19.05
LC108M17	108	84	110	42	LC108P07	108	64	48	24	22.23
LC108M18	108	100	110	48	LC108P10	108	64	48	24	31.75
					LC108P14	108	84	48	24	44.45
					LC108AP10	108	64	70	24	31.75
LC143M19	143	106	110	55	LC143P07	143	64	48	29	22.23
LC143M20	143	137	140	60	LC143P10	143	75	52	29	31.75
LC143M21	143	137	140	65	LC143P14	143	75	52	29	44.45
LC143M22	143	137	140	75						



BELL HOUSING & COUPLINGS

BHA European 4 Bolt 1:8 Taper

BELL HOUSING

COUPLINGS

Elect. Mtr HP/KW	4 Pole Frame Size	Pump Group	Bell Housing	Coupling Motor Half	Coupling Pump Half	Spider
.25 / .18	D63	GP1	LBH10BA	LC48M10	LC48TB	LC48S
.25 / .37	D71	GP1	LBH11BA	LC48M11	LC48TB	LC48S
1 / .75	D80	GP1	LBH12BA	LC48M12	LC48TB	LC48S
2 / 1.5	D90	GP1	LBH12BA	LC65M13	LC65TB	LC65S
5.5 / 4	D100/112	GP1	LBH14BA	LC65M14	LC65TB	LC65S
1 / .75	D80	GP2	LBH12CA	LC65M12	LC65TC	LC65S
2 / 1.5	D90	GP2	LBH12CA	LC65M13	LC65TC	LC65S
5.5 / 4	D100/112	GP2	LBH14CA	LC86M14	LC86TC	LC86S
5.5 / 4	D100/112L	GP2	LBH14CA	LC65M14	LC65ATC	LC65S
12.5 / 9	D132	GP2	LBH16CA	LC86M16	LC86TC	LC86S
20 / 15	D160	GP2	LBH17CA	LC108M17	LC108TC	LC108S
30 / 22	D180	GP2	LBH17CA	LC108M18	LC108TC	LC108S
1 / .75	D80	GP3	LBH12DA	LC86M12	LC86HTD	LC86S
2 / 1.5	D90	GP3	LBH12DA	LC86M13	LC86HTD	LC86S
5.5 / 4	D100/112	GP3	LBH14DA	LC86M14	LC86TD	LC86S
5.5 / 4	D100/112L	GP3	LBH14DA	LC65M14	LC65TD	LC65S
12.5 / 9	D132	GP3	LBH16DA	LC86M16	LC86TD	LC86S
20 / 15	D160	GP3	LBH17DA	LC108M17	LC108TD	LC108S
30 / 22	D180	GP3	LBH17DA	LC108M18	LC108TD	LC108S



BHA S.A.E. 2 Bolt

BELL HOUSING

COUPLINGS

Elect. Mtr HP/KW	4 Pole Frame Size	Pump Group	Bell Housing	Coupling Motor Half	Coupling Pump Half	Spider
1 / .75	D80	A- 3/4"	LBS12A2	LC65M12	LC65P05	LC65S
2 / 1.5	D90	A- 3/4"	LBS12A2	LC65M13	LC86P05	LC65S
5.5 / 4	D100/112	A- 3/4"	LBS14A2	LC86M14	LC65P06	LC86S
12.5 / 9	D132	A- 3/4"	LBS16A2	LC86M16	LC86P06	LC86S
20 / 15	D160	A- 3/4"	LBS17A2	LC108M17	LC108P06	LC108S
30 / 22	D180	A- 3/4"	LBS17A2	LC108M18	LC108P06	LC108S
1 / .75	D80	B- 7/8"	LBS12B2	LC65M12	LC65P07	LC65S
2 / 1.5	D90	B- 7/8"	LBS12B2	LC65M13	LC65P07	LC65S
5.5 / 4	D100/112	B- 7/8"	LBS14B2	LC86M14	LC86P07	LC86S
12.5 / 9	D132	B- 7/8"	LBS16B2	LC86M16	LC86P07	LC86S
20 / 15	D160	B- 7/8"	LBS17B2	LC108M17	LC108P07	LC108S
30 / 22	D180	B- 7/8"	LBS17B2	LC108M18	LC108P07	LC108S
12.5 / 9	D132	C- 1-1/4"	LBS16C2	LC108M16	LC108AP10	LC108S
20 / 15	D160	C- 1-1/4"	LBS17C2	LC108M17	LC108P10	LC108S
30 / 22	D180	C- 1-1/4"	LBS17C2	LC108M18	LC108P10	LC108S
40 / 30	D200	C- 1-1/4"	LBS19C2	LC143M19	LC143P10	LC143S
40 / 30	D200LT	C- 1-1/4"	LBS19C2	LC108M19	LC108P10	LC108S
					LC143P12	



BHA Modular - LBM Series

BELL HOUSING

COUPLINGS

4 Pole Frame Size	Pump Group	Bell Housing	Coupling Motor Half	Coupling Pump Half	Spider
D160	C-4 Bolt	LBM17C4	LC108M17	LC108AP10	LC108S
D160	D-2 Bolt	LBM17D2	LC108M17	LC108P14	LC108S
D160	D-4 Bolt	LBM17D4	LC108M17	LC108P14	LC108S
D180	C-4 Bolt	LBM17C4	LC108M18	LC108AP10	LC108S
D180	D-2 Bolt	LBM17D2	LC108M18	LC108P14	LC108S
D180	D-4 Bolt	LBM17D4	LC108M18	LC108P14	LC108S
D200	C-4 Bolt	LBM19C4	LC143M19	LC143P10	LC143S
D200	D-2 Bolt	LBM19D2	LC108M19	LC108P10	LC108S
D200	D-4 Bolt	LBM19D4	LC108M19	LC108P14	LC108S
D225	C-2 Bolt	LBM20C2	LC143M20	LC143P10	LC143S
D225	C-4 Bolt	LBM20C4	LC143M20	LC143P10	LC143S
D225	D-2 Bolt	LBM20D2	LC143M20	LC143P14	LC143S
D225	D-4 Bolt	LBM20D4	LC143M20	LC143P14	LC143S
D250	C-2 Bolt	LBM21C2	LC143M21	LC143P10	LC143S
D250	C-4 Bolt	LBM21C4	LC143M21	LC143P10	LC143S
D250	D-2 Bolt	LBM21D2	LC143M21	LC143P14	LC143S
D250	D-4 Bolt	LBM21D4	LC143M21	LC143P14	LC143S
D280	C-2 Bolt	LBM21C2	LC143M22	LC143P10	LC143S
D280	C-4 Bolt	LBM21C4	LC143M22	LC143P10	LC143S
D280	D-2 Bolt	LBM21D2	LC143M22	LC143P14	LC143S
D280	D-4 Bolt	LBM21D4	LC143M22	LC143P14	LC143S





HEAT EXCHANGERS

AIR/OIL HEAT EXCHANGERS

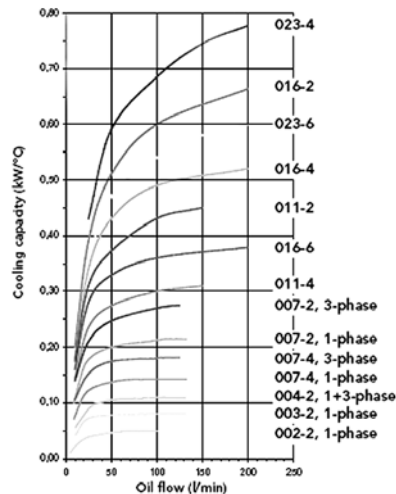
FEATURES FOR ALL HEAT EXCHANGERS:

- Designed for use in industrial, stationary & mobile equipment
- Maintain the ideal working temperature of hydraulic system
- Optimal viscosity will extend the service life of oil
- Designed to be easily installed and serviced when required
- Components ensure optimum harmonic operation
- Designed with AC motor, DC motor or hydraulic motor drive
- Noise level meets health and safety guidelines under the OH&S Act

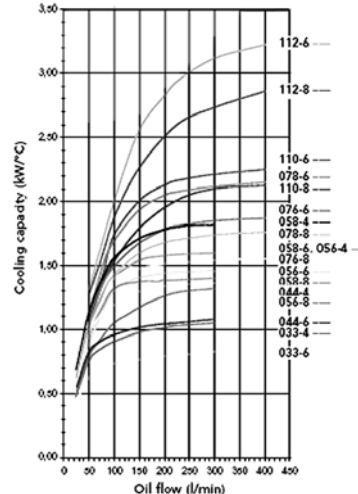
GOLAER FAWCETT CHRISTIE LAC Series - AC Motor Drive

SPECIFICATIONS:

LAC 002 - LAC 023

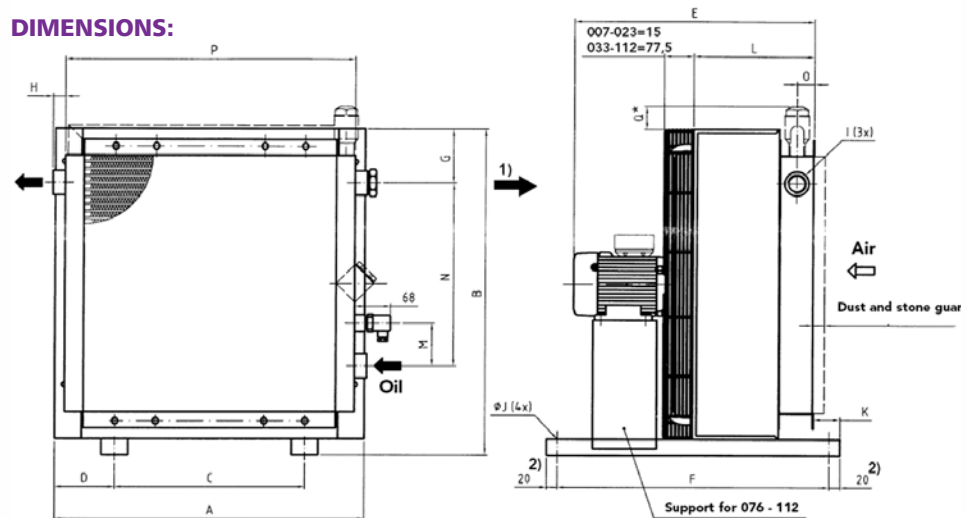


LAC 033 - LAC 112



Note: The cooling capacity curves are based upon inlet oil temperature and ambient temperature. Oil temperature 60°C and air temperature 20°C gives a temperature difference of 40°C. Multiply by kW/°C for total cooling capacity.

DIMENSIONS:



Note: 1. Oil outlet when a by-pass valve type T or a two pass is used
2. Dimension for LAC 002 - LAC 007 1phase = 10



Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q*	Weight kg
LAC 002-2 1-phase	155	186	74	41	153	186	48	20	G 1/2	9	37	92	-	72	31	165	-	4.2
LAC 003-2 1-phase	210	223	134	38	225	145	70	23	G1	9	27	112	-	80	31	245	73	5
LAC 004-2 1-phase	250	259	134	58	230	145	77	23	G1	9	27	117	-	90	31	267	66	6.5
LAC 004-2 3-phase	250	259	134	58	230	145	77	23	G1	9	27	117	-	90	31	267	66	6.5
LAC 007-4 1-phase	340	343	203	69	252	267	91	23	G1	9	56	135	80	160	33	330	52	9.5
LAC 007-2 1-phase	340	343	203	69	252	267	91	23	G1	9	56	135	80	160	33	330	52	10
LAC 007-4 3-phase	365	395	203	81	375	510	103	23	G1	9	50	190	80	160	33	330	42	15
LAC 007-2 3-phase	365	395	203	81	375	510	103	23	G1	9	50	190	80	160	33	330	42	16
LAC 011-4 3-phase	440	470	203	119	400	510	106	23	G1	9	50	215	55	230	33	400	39	20
LAC 011-2 3-phase	440	470	203	119	433	510	106	23	G1	9	50	215	55	230	33	400	39	25
LAC 016-6 3-phase	496	526	203	147	425	510	100	23	G1	9	50	240	70	230	33	464	45	23
LAC 016-4 3-phase	496	526	203	147	425	510	100	23	G1	9	50	240	70	230	33	464	45	24
LAC 016-2 3-phase	496	526	203	147	458	510	100	23	G1	9	50	240	70	230	33	464	45	27
LAC 023-6 3-phase	580	610	356	112	450	510	101	23	G1	9	50	265	80	305	33	543	44	35
LAC 023-4 3-phase	580	610	356	112	483	510	101	23	G1	9	50	265	80	305	33	543	44	36
LAC 033-6 3-phase	692	722	356	168	534	510	103	25	G1 1/4	9	50	240	80	406	33	635	43	45
LAC 033-4 3-phase	692	722	356	168	618	510	103	25	G1 1/4	9	50	240	80	406	33	635	43	52
LAC 044-6 3-phase	692	866	356	168	559	510	87	25	G1 1/4	9	50	265	80	584	33	635	59	63
LAC 044-4 3-phase	692	866	356	168	643	510	87	25	G1 1/4	9	50	265	80	584	33	653	59	65
LAC 056-8 3-phase	868	898	508	180	632	510	102	25	G1 1/4	9	50	290	80	584	33	802	44	73
LAC 056-6 3-phase	868	898	508	180	668	510	102	25	G1 1/4	9	50	290	80	584	33	802	44	75
LAC 056-4 3-phase	868	898	508	180	668	510	102	25	G1 1/4	9	50	290	80	584	33	802	44	75
LAC 058-8 3-phase	868	898	508	180	652	510	102	31	G2	9	30	310	100	584	43	802	44	80
LAC 058-6 3-phase	868	898	508	180	688	510	102	31	G2	9	30	310	100	584	43	802	44	82
LAC 058-4 3-phase	868	898	508	180	688	510	102	31	G2	9	30	310	100	584	43	802	44	82
LAC 076-8 3-phase	1022	1052	518	252	693	800	101	31	G1 1/2	14	70	315	100	821	33	940	45	130
LAC 076-6 3-phase	1022	1052	518	252	701	800	101	31	G1 1/2	14	70	315	100	821	33	940	45	140
LAC 078-8 3-phase	1022	1052	518	252	713	800	101	31	G2	14	50	335	100	821	43	940	45	136
LAC 078-6 3-phase	1022	1052	518	252	721	800	101	31	G2	14	50	335	100	821	43	940	45	146
LAC 110-8 3-phase	1185	1215	600	293	785	800	100	31	G2	14	70	340	100	985	33	1130	46	160
LAC 110-6 3-phase	1185	1215	600	293	823	800	100	31	G2	14	70	340	100	985	33	1130	46	170
LAC 112-8 3-phase	1185	1215	600	293	805	800	100	31	G2	14	50	360	100	985	43	1130	46	168
LAC 112-6 3-phase	1185	1215	600	293	843	800	100	31	G2	14	50	360	100	985	43	1130	46	178

* "Q" when a by-valve type S is selected.

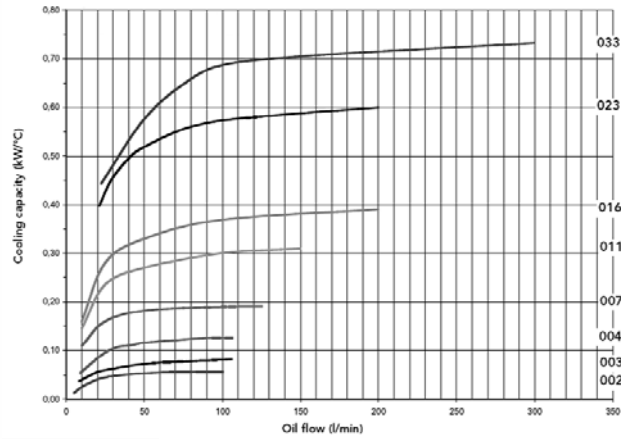
Note: Please refer to page 22 for ordering information



OLAER LDC Series - DC Motor Drive
FAWCETT CHRISTIE

SPECIFICATIONS:

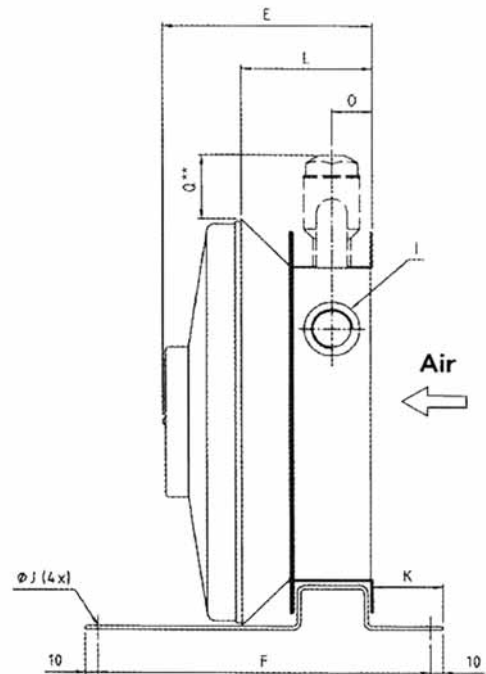
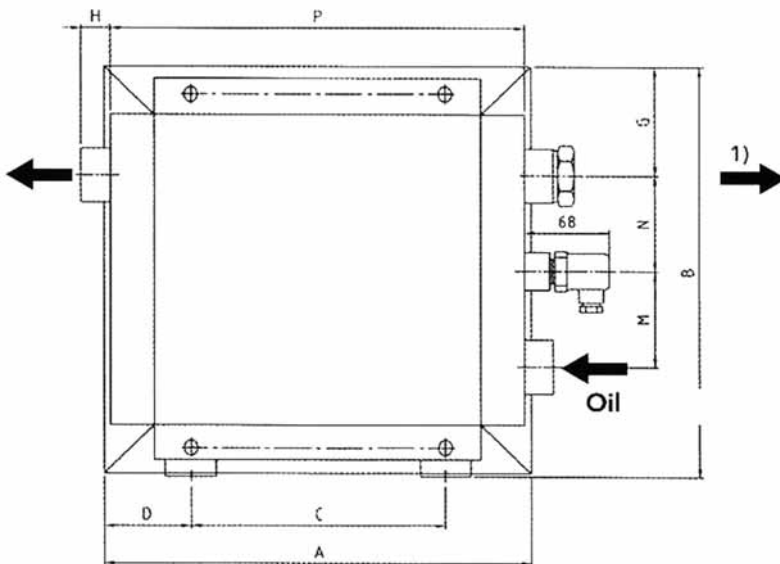
LDC 002 - LDC 033



Note: The cooling capacity curves are based upon inlet oil temperature and ambient temperature. Oil temperature 60°C and air temperature 20°C gives a difference temperature of 40°C. Multiply by kW/°C for total cooling capacity.

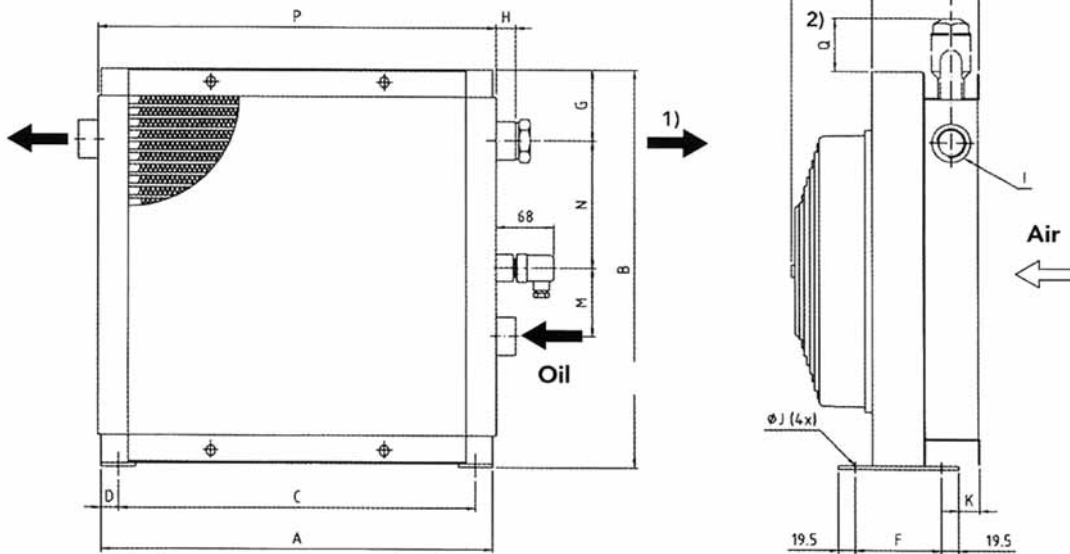
DIMENSIONS:

LDC 002 - LDC 007



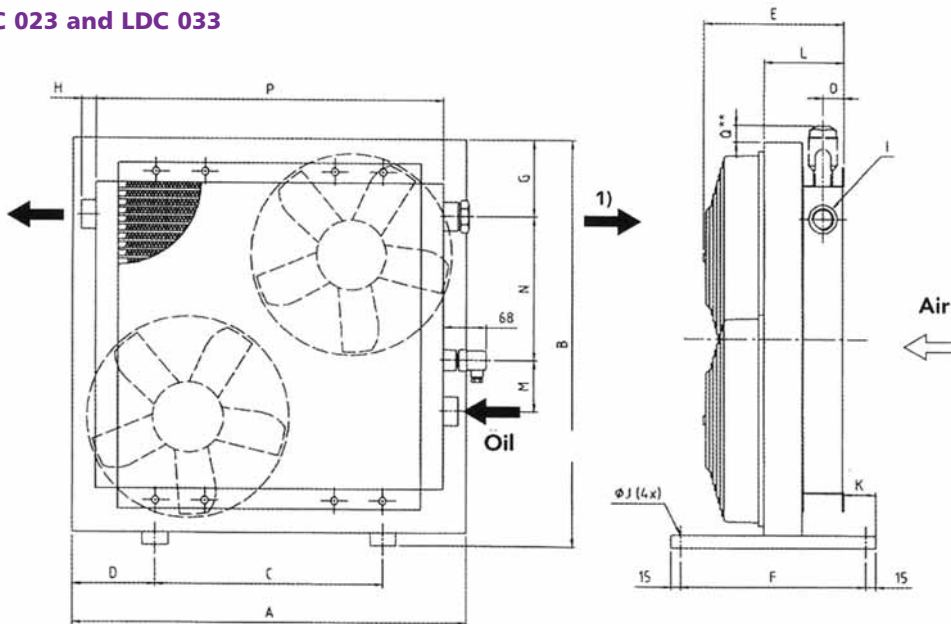


LDC 011 and LDC 016



Note: 1. Oil outlet when a by-pass valve type T or a two-pass is used (as from LDC 007).

LDC 023 and LDC 033



Note: 1. Oil outlet when a by-pass valve type T or a two-pass is used.

Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q**	Weight kg	Acoustic pressure level dB (A) 1m*
LDC 002	184	187	74	55	154	186	48	20	G1/2	9	37	102	-	72	31	165	-	4.0	66
LDC 003	218	227	134	42	154	145	74	23	G1	9	27	102	-	90	31	245	69	4.5	68
LDC 004	256	260	134	61	154	145	80	23	G1	9	27	102	-	90	31	267	64	5.5	68
LDC 007	340	343	203	69	168	267	91	23	G1	9	56	105	80	80	33	330	53	8.5	71
LDC 011	400	396	360	20	219	101	82	23	G1	9x29	25	125	80	148	33	400	63	12	74
LDC 016	456	466	416	20	219	101	83	23	G1	9x29	25	125	80	149	33	464	62	15	74
LDC 023	615	635	356	130	219	290	119	23	G1	13	50	125	80	225	33	543	26	25	77
LDC 033	630	678	371	130	259	290	86	25	G1/4	13	30	165	80	326	33	635	59	30	77

* Noise level tolerance ± 3 dB(A)

** "Q" when selecting a by-pass valve type S.

Note: Please refer to page 22 for ordering information

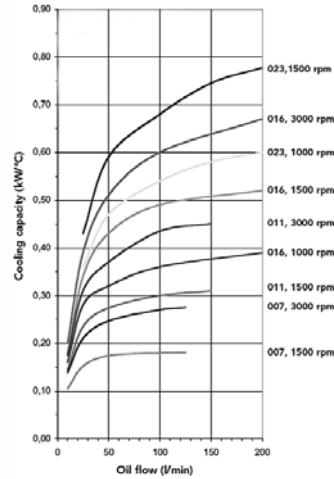


LHC Series - Hydraulic Motor Drive

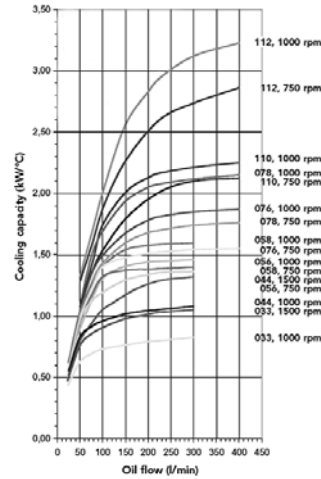


SPECIFICATIONS:

LHC 007 - LHC 023

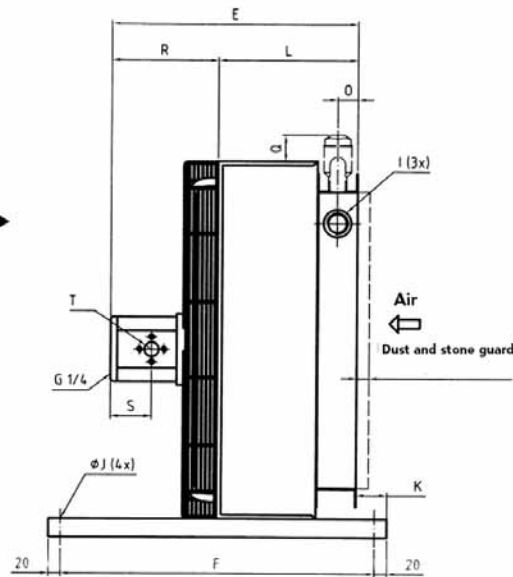
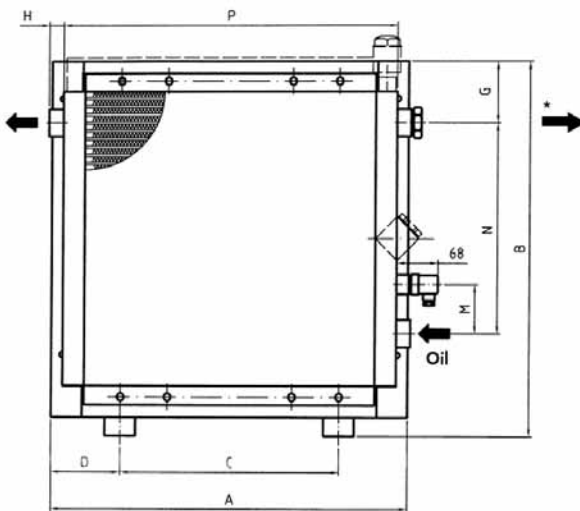


LHC 033 - LHC 112



Note: The cooling capacity curves are based upon inlet oil temperature and ambient temperature. Oil temperature 60°C and air temperature 20°C gives a temperature difference of 40°C. Multiply kW/°C for total cooling capacity.

DIMENSIONS:



Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q*	Motor Selection	Weight kg
LHC 007	365	395	203	81	R+L	510	103	23	G1	9	50	190	80	160	33	330	42	A-F	10
LHC 011	440	470	203	119	R+L	510	106	23	G1	9	50	215	80	230	33	400	39	A-F	15
LHC 016	496	526	203	147	R+L	510	100	23	G1	9	50	240	80	230	33	464	45	A-F	18
LHC 023	580	610	356	112	R+L	510	101	23	G1	9	50	265	80	305	33	543	44	A-F	30
LHC 033	692	722	356	168	R+L	510	103	25	G1 1/4	9	50	240	80	406	33	635	43	A-F	40
LHC 044	692	866	356	168	R+L	510	87	25	G1 1/4	9	50	265	80	584	33	635	59	A-F	56
LHC 056	868	898	508	180	R+L	510	102	25	G1 1/4	9	50	290	80	584	33	802	44	A-F	70
LHC 058	868	898	508	180	R+L	510	102	31	G2	9	30	310	100	584	43	802	44	A-F	77
LHC 076	1022	1052	518	252	R+L	610	101	31	G1 1/2	14	70	315	100	821	33	940	45	B-F	105
LHC 078	1022	1052	518	252	R+L	610	101	31	G2	14	50	335	100	821	43	940	45	B-F	111
LHC 110	1185	1215	600	293	R+L	610	100	31	G2	14	70	340	100	985	33	1130	46	D-F	117
LHC 112	1185	1215	600	293	R+L	610	100	31	G2	14	50	360	100	985	43	1130	46	D-F	125

* "Q" when selecting a by-pass valve type S.



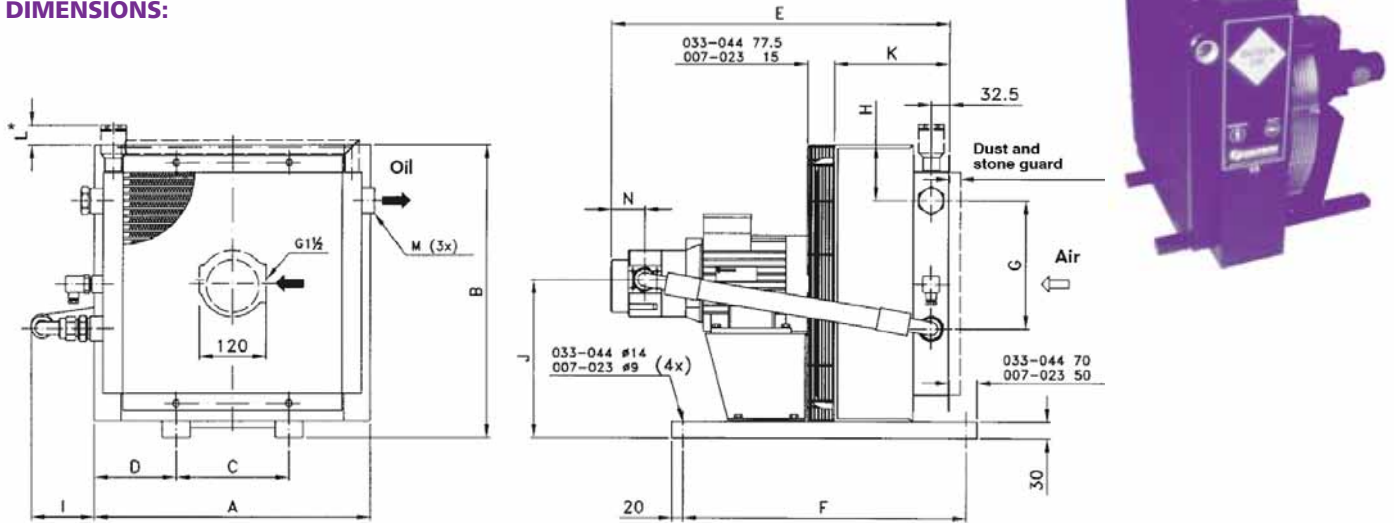
MOTOR SELECTION:

Motor Type	Displacement (cm ³ /r)	R 007-023	R 033-112	S	T Connection	Max. Working Pressure in bar
A	8.4	107	211	52.5	G 1/2	210
B	10.8	111	215	52.5	G 1/2	210
C	14.4	117	221	55.5	G 3/4	210
D	16.8	121	225	59.5	G 3/4	210
E	19.2	125	229	59.5	G 3/4	210
F	25.2	135	239	66.5	G 3/4	160



LOC Series - AC Motor Integrated with Hydraulic Pump

DIMENSIONS:



Type	A	B	C	D	E	F	G	H	I	J	K	L*	M	N	Weight kg
LOC 004-4-D-A	267	287	134	66	500	420	80	77	130	169	163	63	G1	62	23
LOC 007-4-D-A	365	395	203	81	526	510	160	103	112	212	190	42	G1	62	30
LOC 007-4-D-B	365	395	203	81	539	510	160	103	112	212	190	42	G1	75	30
LOC 007-4-D-C	365	395	203	81	586	510	160	103	112	212	190	42	G1	87	36
LOC 007-4-D-D	365	395	203	81	599	510	160	103	112	212	190	42	G1	100	36
LOC 011-4-D-A	440	470	203	119	551	510	230	106	110	250	215	39	G1	62	34
LOC 011-4-D-B	440	470	203	119	564	510	230	106	110	250	215	39	G1	75	34
LOC 011-6-D-C	440	470	203	119	611	510	230	106	110	250	215	39	G1	87	40
LOC 011-6-D-D	440	470	203	119	624	510	230	106	110	250	215	39	G1	100	40
LOC 011-4-D-C	440	470	203	119	611	510	230	106	110	250	215	39	G1	87	40
LOC 011-4-D-D	440	470	203	119	624	510	230	106	110	250	215	39	G1	100	40
LOC 016-4-D-A	496	526	203	147	610	510	230	100	114	278	240	45	G1	62	45
LOC 016-4-D-B	496	526	203	147	623	510	230	100	114	278	240	45	G1	75	45
LOC 016-6-D-C	496	526	203	147	636	510	230	100	114	278	240	45	G1	87	45
LOC 016-6-D-D	496	526	203	147	649	510	230	100	114	278	240	45	G1	100	45
LOC 016-4-D-C	496	526	203	147	636	510	230	100	114	278	240	45	G1	87	45
LOC 016-4-D-D	496	526	203	147	649	510	230	100	114	278	240	45	G1	100	45
LOC 023-4-D-B	580	610	356	112	648	610	305	101	112	320	265	44	G1	75	53
LOC 023-6-D-C	580	610	356	112	661	610	305	101	112	320	265	44	G1	87	53
LOC 023-6-D-D	580	610	356	112	717	610	305	101	112	320	265	44	G1	100	53
LOC 023-4-D-C	580	610	356	112	704	610	305	101	112	320	265	44	G1	87	62
LOC 023-4-D-D	580	610	356	112	717	610	305	101	112	320	265	44	G1	100	62
LOC 033-6-A-D	692	722	356	168	754	610	406	103	101	376	240	43	G1 1/4	100	92
LOC 033-4-A-C	692	722	356	168	722	610	406	103	101	376	240	43	G1 1/4	87	76
LOC 033-4-A-D	692	722	356	168	735	610	406	103	101	376	240	43	G1 1/4	100	76
LOC 044-6-A-D	692	866	356	168	779	610	584	87	101	448	265	59	G1 1/4	100	98
LOC 044-4-A-C	692	866	356	168	746	610	584	87	101	448	265	59	G1 1/4	87	85
LOC 044-4-A-D	692	866	356	168	759	610	584	87	101	448	265	59	G1 1/4	100	85

* "L" when a by-pass valve type S is used



ORDERING INFORMATION FOR AIR/OIL HEAT EXCHANGERS:

LAC
LDC - 033 - 6 - A - 50 - T20 - D - O
LHC
 (1) (2) (3) (4) (5) (6) (7) (8)
LOC - 016 - 4 - A - 30 - L - 60 - T20 - D - F15 - O
 (1) (2) (3) (4) (9) (10) (5) (6) (7) (11) (8)

(1) COOLER SERIES

LAC = Air oil cooler fitted with AC motor
 LDC = Air oil cooler fitted with DC motor
 LHC = Air oil cooler fitted with hydraulic motor
 LOC = Air oil cooler fitted with AC motor and pump

(2) COOLER SIZE

FOR LAC TYPE			
003	011	033	058
004	016	044	076
007	023	056	078
FOR LDC TYPE			
003	007	016	033
004	011	023	
FOR LHC TYPE			
007	023	056	078
011	033	058	110
016	044	076	112
FOR LOC TYPE			
004	016	044	
007	023		
011	033		

(3) POLES, VOLTAGE & DISPLACEMENT

NUMBER OF POLES FOR LAC TYPE
 2 = Two - pole
 4 = Four - pole
 6 = Six - pole
 8 = Eight - pole

NUMBER OF POLES FOR LOC TYPE
 4 = Four - pole
 6 = Six - pole

VOLTAGE FOR LDC TYPE
 A = 12 V
 B = 24 V

MOTOR DISPLACEMENT FOR LHC TYPE
 0 = Without hydraulic motor
 A = Hydraulic motor displacement 8.4 cm³/r
 B = Hydraulic motor displacement 10.8 cm³/r
 C = Hydraulic motor displacement 14.4 cm³/r
 D = Hydraulic motor displacement 16.8 cm³/r
 E = Hydraulic motor displacement 19.2 cm³/r
 F = Hydraulic motor displacement 25.2 cm³/r
 X = Special hydraulic motor

(4) VOLT, FREQUENCY & ACCESSORIES

VOLT & FREQUENCY FOR LAC AND LOC SERIES
 0 = Without Motor
 A = Three phase 230/440V, 50 Hz*
 B = Three phase 275/480V, 60 Hz*
 C = Single phase 230V, 50/60 Hz**
 D = Three phase 230/400V 50 Hz, 275/480V 60 Hz***
 E = Three phase 500V 50 Hz
 F = Three phase 400/690V, 50 Hz
 X = Motor for special voltage

ACCESSORIES FOR LDC SERIES
 0 = Without accessories
 A = Smart DC Drive (including temperature indicator)
 B = Relay Box
 Omit for LHC Series
 * For LAC033 - LAC112
 * For LAC Series only
 *** For LAC002 - LAC023

(5) THERMO CONTACT

00 = Without thermo contact
 40 = 40°C
 50 = 50°C
 60 = 60°C
 70 = 70°C
 80 = 80°C
 90 = 90°C

(6) COOLER MATRIX

000 = Standard
 T00 = Two pass
 Built in pressure controlled by-pass valve, single-pass
 S20 = 2 bar
 S50 = 5 bar
 S80 = 8 bar
 Built in pressure controlled by-pass valve, two-pass*
 T20 = 2 bar
 T50 = 5 bar
 T80 = 8 bar
 Built in temperature & pressure controlled by-pass valve, single-pass
 S25 = 50°C, 2.2 bar
 S26 = 60°C, 2.2 bar
 S27 = 70°C, 2.2 bar
 S29 = 90°C, 2.2 bar
 Built in temperature & pressure controlled by-pass valve, two-pass*
 T25 = 50°C, 2.2 bar
 T26 = 60°C, 2.2 bar
 T27 = 70°C, 2.2 bar
 T29 = 90°C, 2.2 bar
 * Not available for size 003 - 004

(7) MATRIX GUARD

0 = Without guard
 S = Stone guard
 D = Dust guard
 P = Dust and stone guard

(8) STANDARD / SPECIAL

0 = Standard
 Z = Special

(9) PUMP DISPLACEMENT

15 = Displacement 15 cm³/r
 30 = Displacement 30 cm³/r
 45 = Displacement 45 cm³/r
 60 = Displacement 60 cm³/r

(10) BY-PASS VALVE IN THE PUMP

0 = Without
 L = Built-in by-pass, 5 bar
 H = Built-in by-pass, 10 bar

(11) FILTER OPTION

0	= PI 2005-57	1	= MIC 10, nominal 10μ
5	= PI 2005-58	4	= MIC 25, nominal 25μ
1	= PI 2008-57	3	= SMX 3, absolute 3μ
6	= PI 2008-58	6	= SMX 6, absolute 6μ
2	= PI 2015-57	0	= SMX 10, absolute 10μ
7	= PI 2015-58	5	= SMX 25, absolute 25μ

Note: For the Filter option please use the first digit from Column 1 and the second digit from Column 2.



WATER/OIL HEAT EXCHANGERS



PWO Series - Plate Cooler

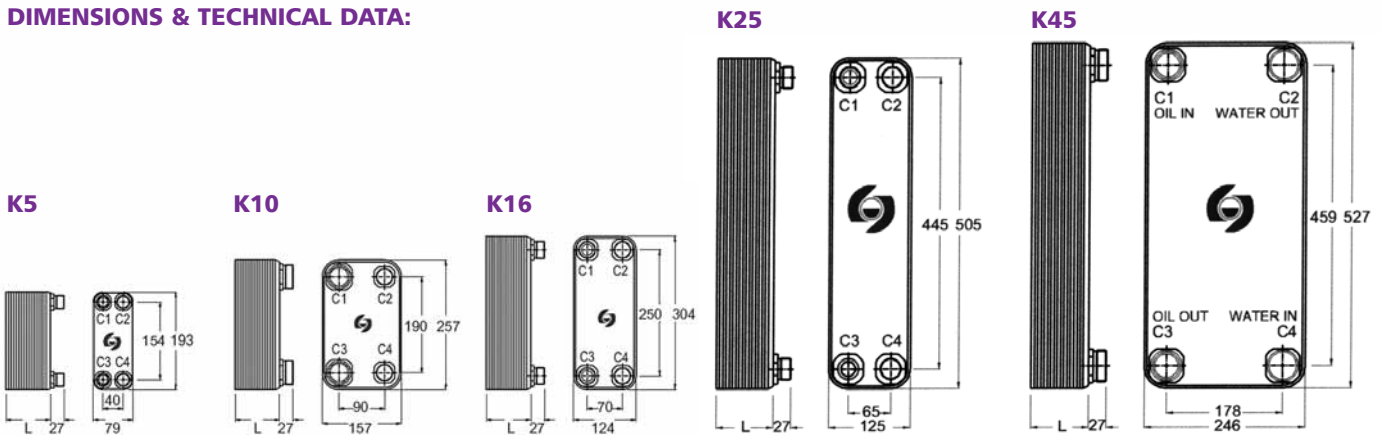
Plate Water Oil Coolers are a variation of the traditional shell and tube water coolers.

FEATURES:

- Ideal for hydraulic applications
- Internal structure is designed to provide the highest efficiency while offering the lowest pressure drop required for the oil in hydraulics and lubrication applications, including compressors, die casting machines, fixed industrial power units and fluid coupling steel works
- A BSP Parallel thread is used on the oil side, while a BSP Taper thread is used on the water side
- Limited maintenance is required due to the stainless steel grade 304 and 316 providing good corrosion resistance. The resulting smooth surface minimises the risk of particle adhesion
- Special models for unique applications are also available



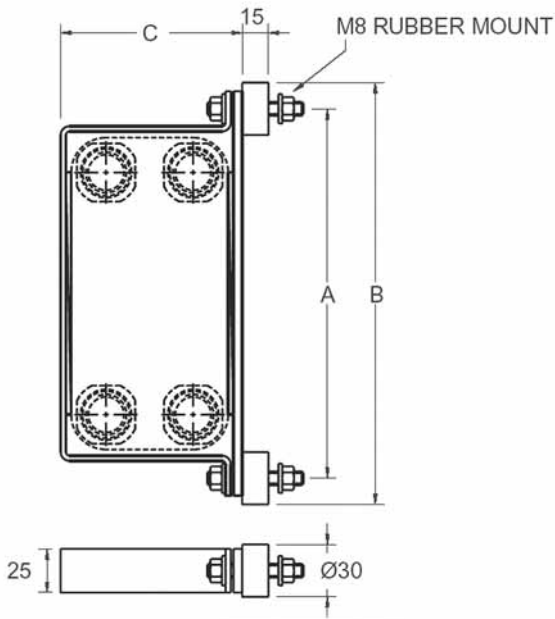
DIMENSIONS & TECHNICAL DATA:



Model	Connectors C1/C3	Connectors C2/C4	L mm	Weight kg	Max oil flow lpm	Model	Connectors C1/C3	Connectors C2/C4	L mm	Weight kg	Max oil flow lpm
K5-10	3/4" BSPP	3/4" BSPT	38	1.9	70	K10-20	1" BSPP	1" BSPT	64	6.5	70
K5-20	3/4" BSPP	3/4" BSPT	61	2.4	90	K10-30	1" BSPP	1" BSPT	88	8	100
K5-30	3/4" BSPP	3/4" BSPT	84	2.8	100	K10-40	1" BSPP	1" BSPT	112	9.5	130
K5-40	3/4" BSPP	3/4" BSPT	107	3.3	100	K10-50	1" BSPP	1" BSPT	135	11	160
K5-50	3/4" BSPP	3/4" BSPT	130	3.8	100	K10-60	1" BSPP	1" BSPT	159	12.5	180
						K10-70	1" BSPP	1" BSPT	182	14	180
K16-20	1 1/2" BSPP	1" BSPT	76	7	220	K25-20	1 1/4" BSPP	1" BSPT	64	10	110
K16-30	1 1/2" BSPP	1" BSPT	104	8.5	300	K25-30	1 1/4" BSPP	1" BSPT	88	12.5	120
K16-40	1 1/2" BSPP	1" BSPT	133	10	300	K25-40	1 1/4" BSPP	1" BSPT	112	15	160
K16-50	1 1/2" BSPP	1" BSPT	161	11.5	300	K25-50	1 1/4" BSPP	1" BSPT	135	17.5	180
K16-60	1 1/2" BSPP	1" BSPT	190	15	300	K25-60	1 1/4" BSPP	1" BSPT	159	20	180
K16-70	1 1/2" BSPP	1" BSPT	218	14.5	300	K25-70	1 1/4" BSPP	1" BSPT	182	22.5	180
K45-20	1 1/2" BSPP	1 1/2" BSPT	65	20	140	K45-60	1 1/2" BSPP	1 1/2" BSPT	159	41	360
K45-30	1 1/2" BSPP	1 1/2" BSPT	89	25	200	K45-70	1 1/2" BSPP	1 1/2" BSPT	183	46	400
K45-40	1 1/2" BSPP	1 1/2" BSPT	112	30	260	K45-80	1 1/2" BSPP	1 1/2" BSPT	206	51	400
K45-50	1 1/2" BSPP	1 1/2" BSPT	136	35	300	K45-100	1 1/2" BSPP	1 1/2" BSPT	253	56	400



MOUNTING BRACKETS:



Size	A	B	C	Number of Brackets	Number of Plates	Number of Brackets	Number of Plates	Number of Brackets	Number of Plates
K5	225	255	90	1	< 50				
K10	335	366	135	1	< 40	2	< 70		
K16	289	319	168	1	< 40	2	< 70		
K25	537	567	136	1	< 40	2	< 70		
K45	559	589	257	1	< 40	2	< 60	3	< 100

Note: To minimise stress on the connections we recommend the use of hoses, as well as the use of mounting brackets.

ORDERING INFORMATION:

PWO K 25 - 50
(1) (2) (3)

(1) COOLER SERIES
PWO K

(2) COOLER SIZE
5, 10, 16, 25, 45

(3) NUMBER OF PLATES
10, 20, 30, 40, 50, 60, 70, 80, 100

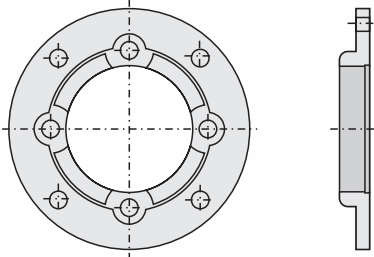


ADAPTOR PLATES

AUSCO 29450

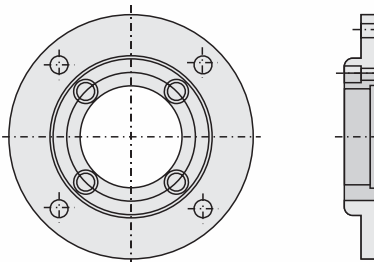
Converts modified SAE "B" mount such as Char-Lynn 4000 Series (4.00 Dia. Pilot and 5.00 bolt circle), to SAE "C" mount (5.00 Dia. Pilot and 6.38 bolt circle).

Note: Not applicable to oil filled brakes or clutches.



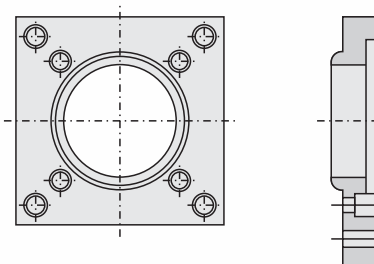
AUSCO 29735

Converts SAE "A" mount (3.25 Dia. Pilot) to SAE "C" mount (5.00 Dia. Pilot).



AUSCO 30062

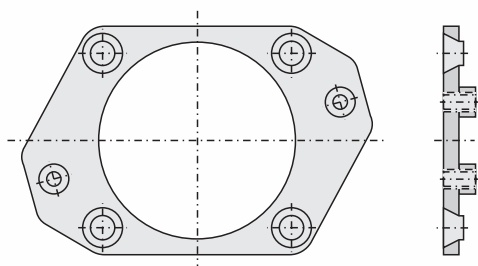
Converts SAE "D" mount (6.00 Dia. Pilot) to SAE "C" mount (5.00 Dia. Pilot).



AUSCO 32482

Converts (2) bolt SAE "C" mount to (4) bolt SAE "C" mount.

Note: Not applicable to oil filled brakes or clutches.





FOOT BRACKET KITS

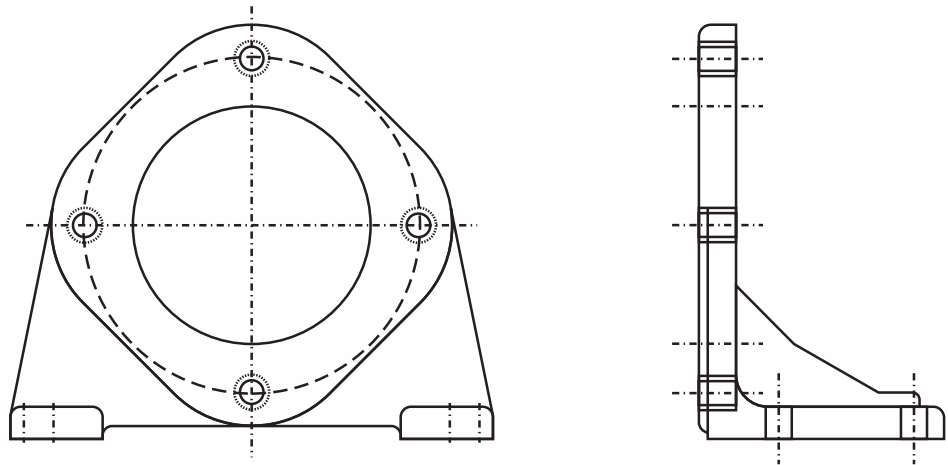
Eaton Foot Bracket Kits



The foot bracket kits tabulated below can be used to mount pumps or motors having standard SAE-J 744 2-Bolt A, B or C mounting flanges. These designations correspond to -A-, -B-, and -C- letters in the foot bracket kit model numbers.

The pump or motor mounts to the bracket by using either pair of diametrically opposed holes on the bracket's bolt circle, and the screws furnished.

Also available are a bracket (part number 279625) and mounting screws (part number 214794, 2 required) to fit SAE D mounting flanges.

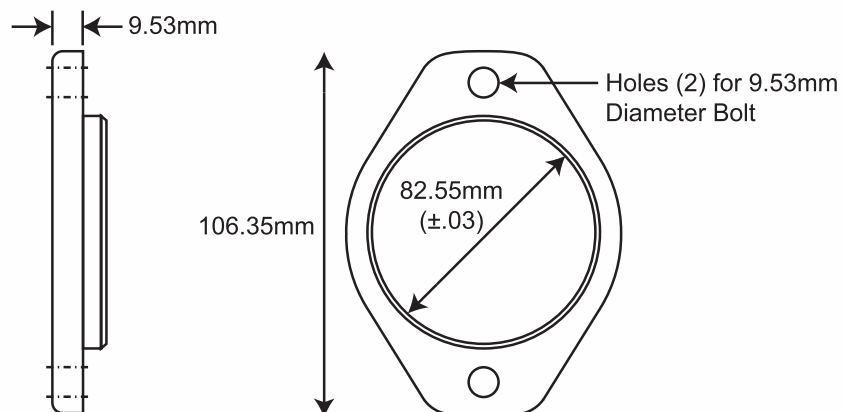


Part Number	Model
422582	FB-A-10
422583	FB-B-10
422584	FB-C-10
02-143419	FB-C4-10

BLANKING PLATES

Eaton Cover Plate

Fits SAE "A" auxiliary mounting flange in place of auxiliary pump. A kit (#70142-915) includes cover plate, 2 cap screws and o-ring.





BOLT KITS

Vickers bolt kits are used for mounting valves to a subplate or manifold. All bolts meet SAE recommended standards. To determine which bolt kit is appropriate for a specific valve, see mounting bolt recommendations in individual valve application catalogues.

ORDERING INFORMATION:

Provide bolt kit numbers and assembly numbers when ordering.

Vickers Mounting Bolt Kits (M5)

DG4V-3(S)-60 Design Bolt Clamp Length : 22mm

Model Number	Length mm	Order Code
BK 466834 M	20	466834
BK 616452 M	30	616452
BK02-156493M	40	02-156493
BKDG3-699 M	50	255699
BK 466836 M	60	466836
BK 464125 M	70	464125
BK 466837 M	80	466837
BK 466838 M	90	466838
BK 466839 M	100	466839
BK 466840 M	110	466840
BK 466841 M	120	466841
BK 466842 M	130	466842
BK 466843 M	140	466843
BK 466844 M	150	466844
BK 466845 M	160	466845
BK 466846 M	170	466846

Vickers Mounting Bolt Kits (M6)

DG4V-5-20 Design Bolt Clamp Length : 30mm

Model Number	Length mm	Order Code
BK 534567 M	30	534567
BKDG01-633M	40	466310
BK 534569 M	45	534569
BK 638873 M	80	638873
BK 534576 M	90	534576
BK 978479 M	100	978479
BK 534581 M	120	534581
BK 638878 M	140	638878



Vickers Stud Kits (M6)

Model Number	Length* mm	Order Code
BK978457	136	978457
BK02-130951	161	02-130951
BK978459	173	978459
BK978460	188	978460
BK978461	210	978461
BK978462	235	978462

* The length above are net effective length. Actual length is 10mm longer for nut engagement.

Vickers Mounting Bolt or Stud Kits (M10x4, M6x2)

DG5V-7-30 Design Bolt Clamp Length : 33mm

Model Number	Length mm	Net Length mm	Order Code
BKDG7-858918	45	45	858918
BKDG7-M	60	60	791651
BK709252	140	140	709252
BKDG7-858919	200	200	858919
BK709253 stud	235	220	709253

Bolt kits above are not necessarily for the current design valve.
Consult Berendsen Fluid Power for other sizes.

Vickers Mounting Bolt Kits (M12x6)

DG5S-H8-41 Design Bolt Clamp Length

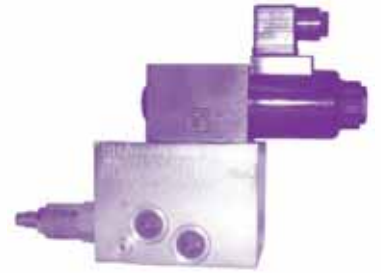
Model Number	Length mm	Order Code
BKDG-H8-M	75	791551
BKDG-H8-976125	165	976125
BKDG-H8-976126	180	976126
BKDG-H8-976129	255	976129



QUICK HITCH VALVES

BHA Quick Hitch Valve

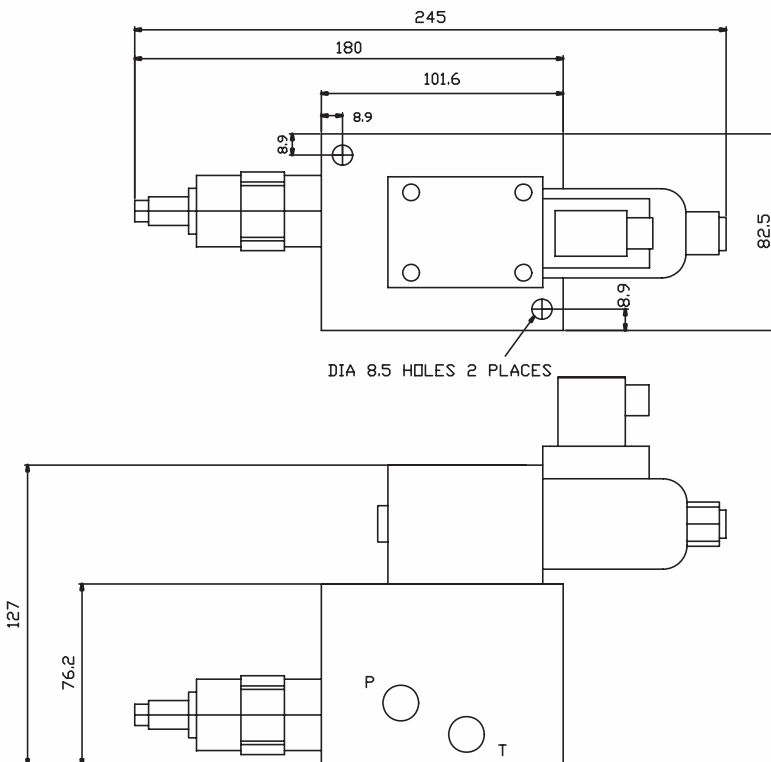
The BHA Quick Hitch Valve consists of a steel or aluminium block containing a pressure reducing valve and a Cetop industrial solenoid valve mounted on top of the block. The Quick Hitch Valve enables the operator to quickly change the buckets and attachments on the excavator. The maximum pressure is up to 350 BAR.



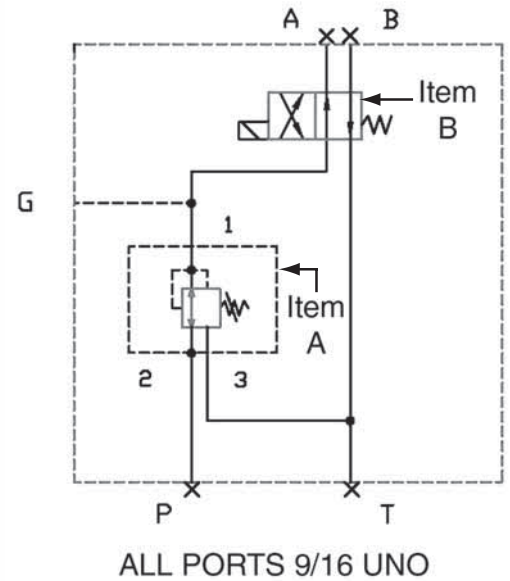
SPECIFICATIONS:

Model Number	Ports Uno	Voltage	Max. Press. Bar	Material
BQHV-09UN-12VDC	9/16"	12 Volt	350	Steel
BQHV-09UN-24VDC	9/16"	24 Volt	350	Steel
BQHV-09UN-12VDC-AL	9/16"	12 Volt	210	Aluminium
BQHV-09UN-24VDC-AL	9/16"	24 Volt	210	Aluminium

DIMENSIONS:



CIRCUIT:



Note: All ports 9/16 Uno
 Item A - Pressure Reducing Valve - PR50-36A-O-N-50
 Item B - Cetop3 Industrial Valve