

BAP2[BHP2]

如何订购/ HOW TO ORDER

BA	P	2	Front cover	Rotation		Size	Shaft	Ports	Ports position	Seals	Options
Series	P- Pump M- Motor	Group	A0 B0 B1 B2 Q0 Q1 Q2	D S R	Clockwise Counter clockwise Reversible	3 4 6 8 10 12 14 16 18 20 22 25 28 30			Ports position		
BA-Front and end cover material aluminum									Omit-Side inlet and side outlet B-Back inlet and front outlet C-Back inlet and side outlet D-Side inlet and front outlet R-Back inlet and back outlet		
BH-Front and end cover material cast iron, pressure than "BA"series high 30 bar.									Drain		
									Q0- internal drain Q1-external drain G1/4 Q2-external drain 9/16-18 UNF Q3-external drain 7/16-20 UNF Q4-external drain M12x1.5		

Seals

Omit-Range between -10°C and +80 °C,inlet pressure up to max. 3 bar absolute.

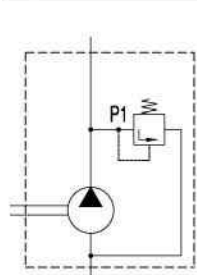
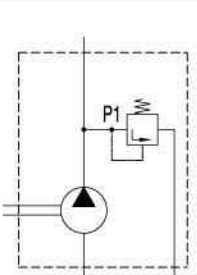
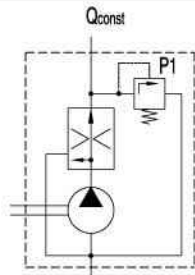
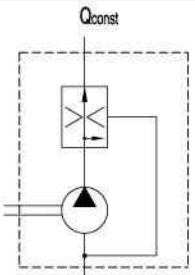
V-Version suitable for fluid at hi-temperatures, range between -10°C and +120°C.

H-Version suitable for fluid at low-temperatures, range between -40°C and +80°C.

T-Version suitable for inlet pressure up to max. 3 and 6 bar absolute.

N-Version suitable for inlet pressure up to max. 3 and 10 bar absolute.

Options

			
Pressure relief valve. Discharge returned to suction. P1= 5...250 bar.	Pressure relief valve. Discharge returned to externally. P1= 5...250 bar.	3-way flow control valve with pressure relief valve. Excess flow returned to suction. P1= 100...180 bar. Qconst= 2...30 L/min.	3-way flow control valve. Excess flow returned to suction. Qconst= 2...30 L/min.
Ordering code Y180xx	P120xx	F15015	Qxxx15

Examples:

BHP2-B0-D-3-T0-E0 = clockwise rotation, 3 cc/rev, B0 front cover, 1:8 tapered shaft(T0), setting ports E0 type, standard seals

BAP2-A0-D-3-C0-U0 = clockwise rotation, 3 cc/rev, A0 front cover, C0 parallel shaft, setting ports U0 type, standard seals

BHP2-Q0-D-3-T1-F0-N= clockwise rotation, 3 cc/rev, Q0 front cover, 1:8 tapered shaft(T0), setting ports F0 type, high pressure seals(N)

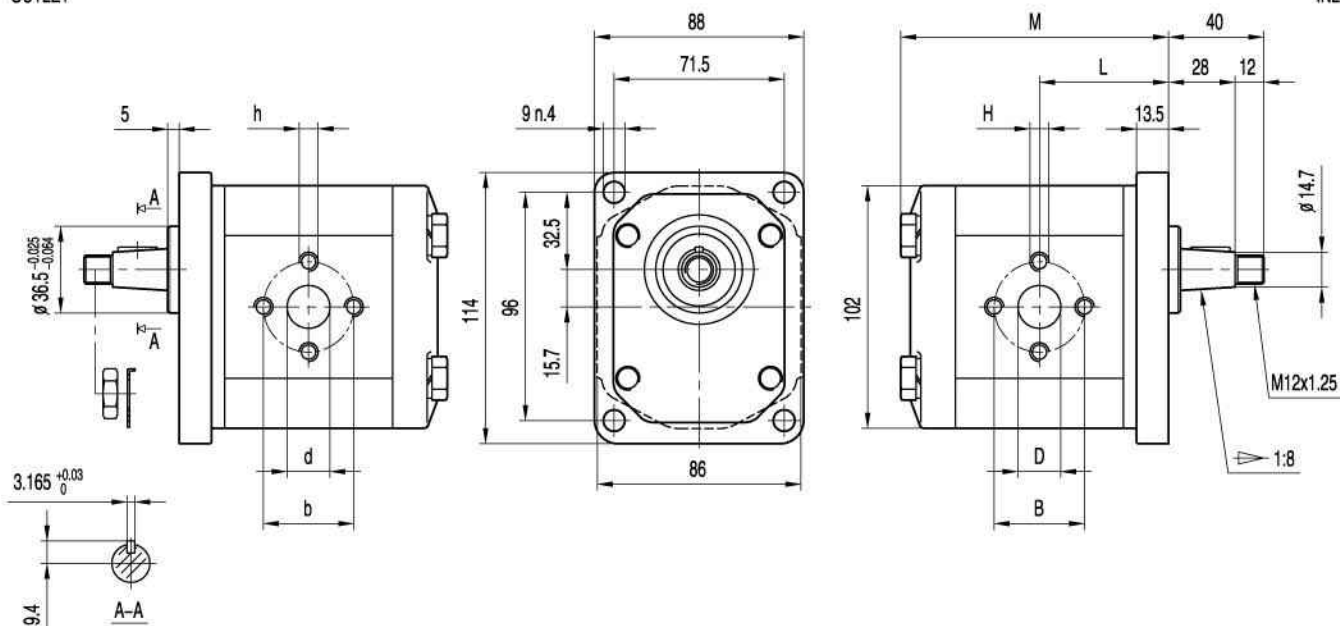
BHP2B0



M6 thread depth 13, M8 thread depth 17.
 To mount the pump, n.4 M10 screws,
 with a torque wrench setting fixed
 at 70...75 Nm.
 Shaft M12x1.25 nut, with a torque
 wrench setting fixed at 50 Nm.

OUTLET

INLET



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions							
		P1 bar	P2 bar	P3 bar			M mm	L mm	B mm	D mm	H mm	b mm	d mm	h mm
BHP2B0-D-3	3	270	285	300	4000	800	91.1	43.6	30	13	M6	30	13	M6
BHP2B0-D-4	4	270	285	300	4000	600	92.7	44.4	30	13	M6	30	13	M6
BHP2B0-D-6	6	270	285	300	4000	600	96	46	30	13	M6	30	13	M6
BHP2B0-D-8	8	270	285	300	3500	500	99.3	47.7	30	13	M6	30	13	M6
BHP2B0-D-10	10	270	285	300	3000	500	102.6	49.3	40	20	M8	30	13	M6
BHP2B0-D-12	12	270	285	300	3000	500	105.9	51	40	20	M8	30	13	M6
BHP2B0-D-14	14	250	265	280	4000	500	109.3	52.7	40	20	M8	30	13	M6
BHP2B0-D-16	16	250	265	280	4000	500	112.7	54.4	40	20	M8	30	13	M6
BHP2B0-D-18	18	250	265	280	3600	400	116	56	40	20	M8	30	13	M6
BHP2B0-D-20	20	220	235	250	3200	400	119.3	57.7	40	20	M8	30	13	M6
BHP2B0-D-22	22	220	235	250	3000	400	122.6	59.3	40	20	M8	30	13	M6
BHP2B0-D-25	25	200	215	230	3000	400	127.6	61.8	40	22	M8	30	13	M6
BHP2B0-D-28	28	180	190	200	2500	400	132.6	64.3	40	22	M8	30	13	M6
BHP2B0-D-30	30	160	170	180	2500	400	135.9	66	40	22	M8	30	13	M6

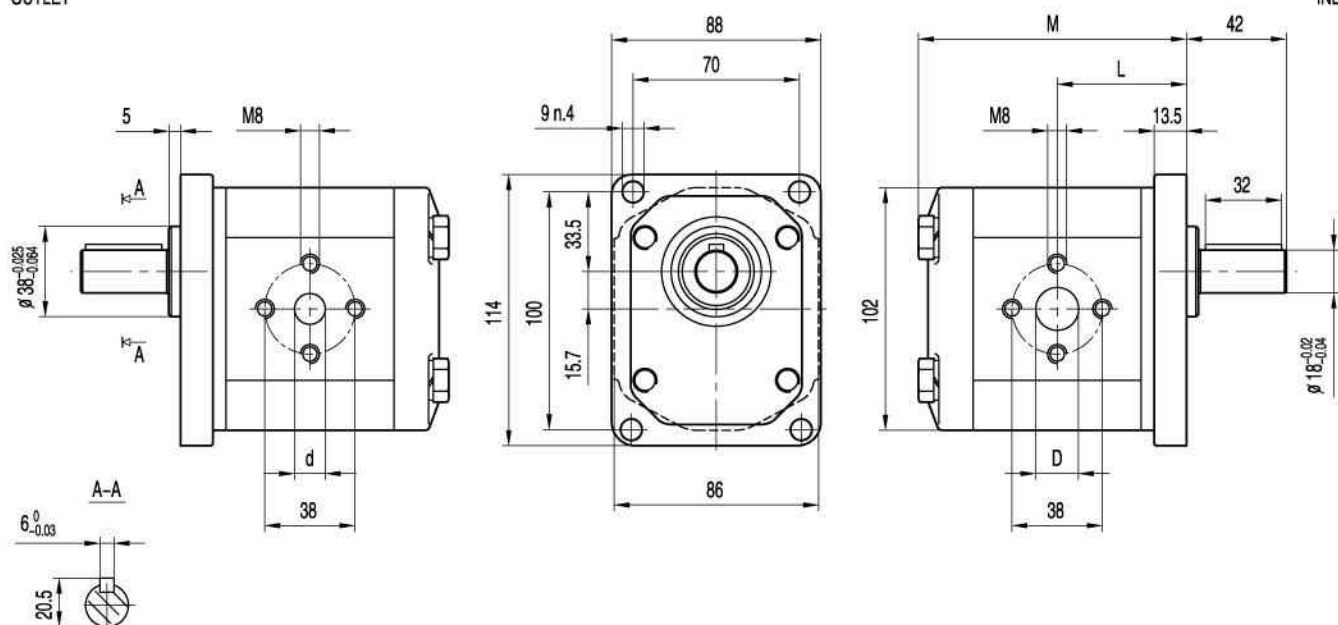
BHP2B1



M8 thread depth 16.
 To mount the pump, n.4 M10 screws,
 with a torque wrench setting fixed
 at 70...75 Nm.

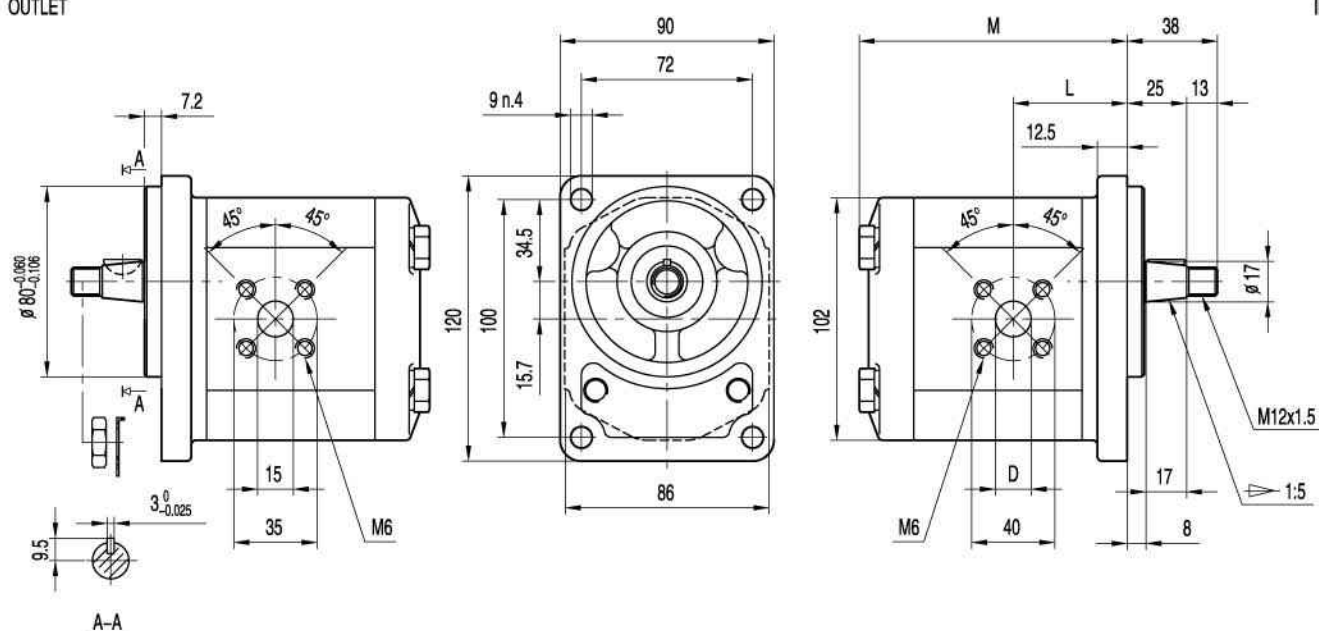
OUTLET

INLET



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions			
		P1 bar	P2 bar	P3 bar			M mm	L mm	D mm	d mm
BHP2B1-D-3	3	270	285	300	4000	800	91.1	43.6	14	10
BHP2B1-D-4	4	270	285	300	4000	600	92.7	44.4	14	10
BHP2B1-D-6	6	270	285	300	4000	600	96	46	14	10
BHP2B1-D-8	8	270	285	300	3500	500	99.3	47.7	14	10
BHP2B1-D-10	10	270	285	300	3000	500	102.6	49.3	18	15
BHP2B1-D-12	12	270	285	300	3000	500	105.9	51	18	15
BHP2B1-D-14	14	250	265	280	4000	500	109.3	52.7	18	15
BHP2B1-D-16	16	250	265	280	4000	500	112.7	54.4	18	15
BHP2B1-D-18	18	250	265	280	3600	400	116	56	18	15
BHP2B1-D-20	20	220	235	250	3200	400	119.3	57.7	18	15
BHP2B1-D-22	22	220	235	250	3000	400	122.6	59.3	18	15
BHP2B1-D-25	25	200	215	230	3000	400	127.6	61.8	20	15
BHP2B1-D-28	28	180	190	200	2500	400	132.6	64.3	20	15
BHP2B1-D-30	30	160	170	180	2500	400	135.9	66	20	15

INLET



Type	Displacement	Max pressure			Max. speed	Min. speed	Dimensions		
		P1	P2	P3			M	L	D
	(cm³/rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm	mm
BHP2B2-D-3	3	270	285	300	4000	800	91.1	39.9	15
BHP2B2-D-4	4	270	285	300	4000	600	92.7	39.9	15
BHP2B2-D-6	6	270	285	300	4000	600	96	41.1	15
BHP2B2-D-8	8	270	285	300	3500	500	99.3	43.2	15
BHP2B2-D-10	10	270	285	300	3000	500	102.6	43.7	20
BHP2B2-D-12	12	270	285	300	3000	500	105.9	47.5	20
BHP2B2-D-14	14	250	265	280	4000	500	109.3	47.5	20
BHP2B2-D-16	16	250	265	280	4000	500	112.7	47.5	20
BHP2B2-D-18	18	250	265	280	3600	400	116	47.5	20
BHP2B2-D-20	20	220	235	250	3200	400	119.3	47.5	20
BHP2B2-D-22	22	220	235	250	3000	400	122.6	55.1	20
BHP2B2-D-25	25	200	215	230	3000	400	127.6	61.8	20
BHP2B2-D-28	28	180	190	200	2500	400	132.6	64.3	20
BHP2B2-D-30	30	160	170	180	2500	400	135.9	66	20

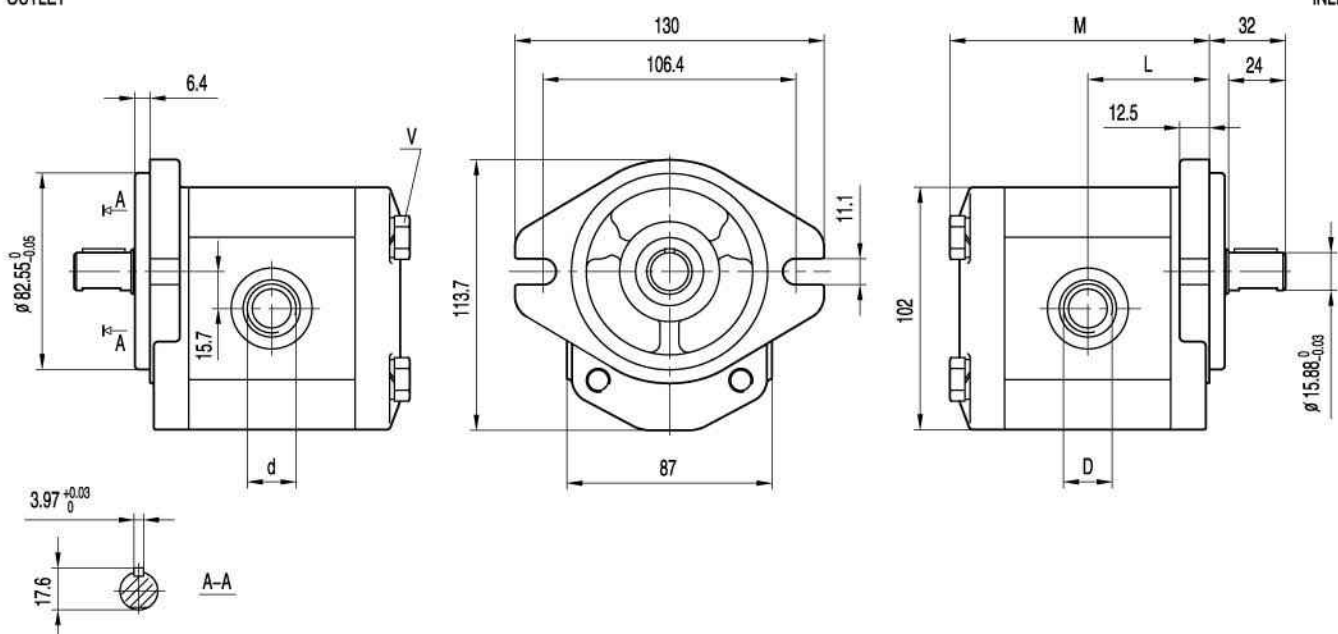
BHP2A0[BAP2A0]


"D" and "d" ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO J1926-1).

Mounting flange material	V
	Screws tightening torque Nm
Aluminum	40...45
Cast iron	70...75

OUTLET

INLET



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions			
		P1 bar	P2 bar	P3 bar			M mm	L mm	D	d
BHP2A0-D-3	3	270	285	300	4000	800	91.1	43.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-4	4	270	285	300	4000	600	92.7	44.4	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-6	6	270	285	300	4000	600	96	46	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-8	8	270	285	300	3500	500	99.3	47.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-10	10	270	285	300	3000	500	102.6	49.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-12	12	270	285	300	3000	500	105.9	51	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-14	14	250	265	280	4000	500	109.3	52.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-16	16	250	265	280	4000	500	112.7	54.4	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-18	18	250	265	280	3600	400	116	56	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-20	20	220	235	250	3200	400	119.3	57.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-22	22	220	235	250	3000	400	122.6	59.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-25	25	200	215	230	3000	400	127.6	61.8	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-28	28	180	190	200	2500	400	132.6	64.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-30	30	160	170	180	2500	400	135.9	66	1 5/16-12UNF	7/8-14UNF

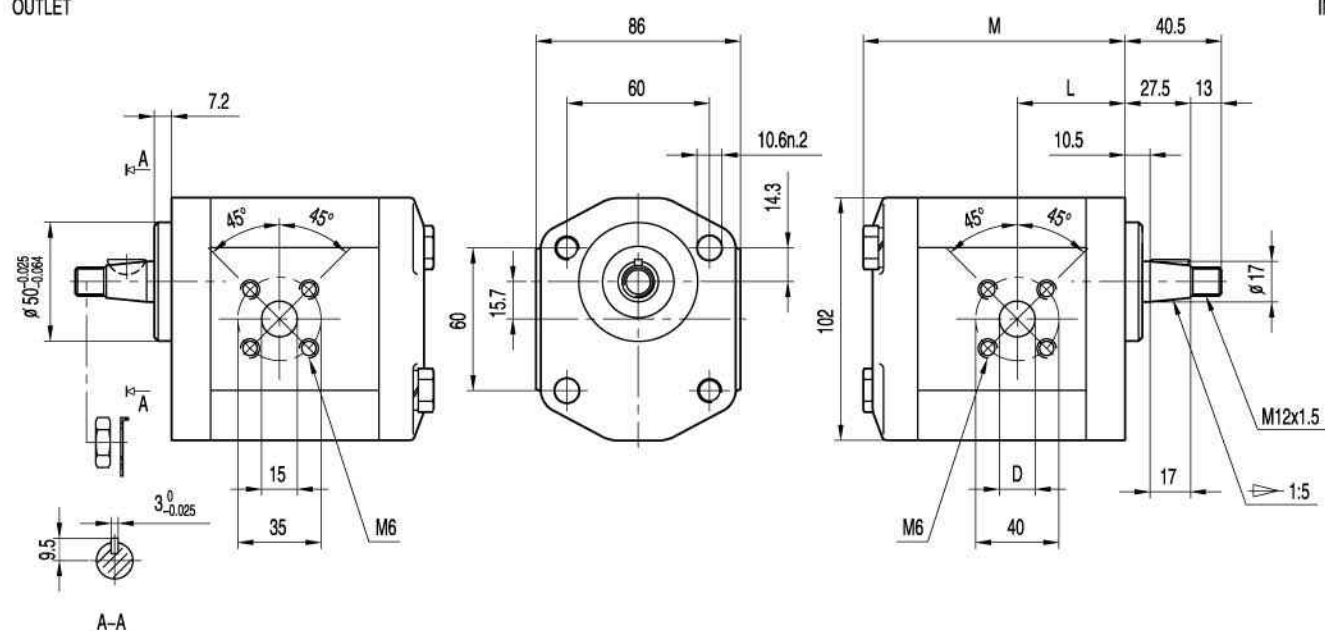
BHP2Q0



M6 thread depth 13.
 To mount the pump, n.2 M10 screws,
 with a torque wrench setting fixed
 at 45...50 Nm.
 Shaft M12x1.5 nut, with a torque
 wrench setting fixed at 50 Nm.

OUTLET

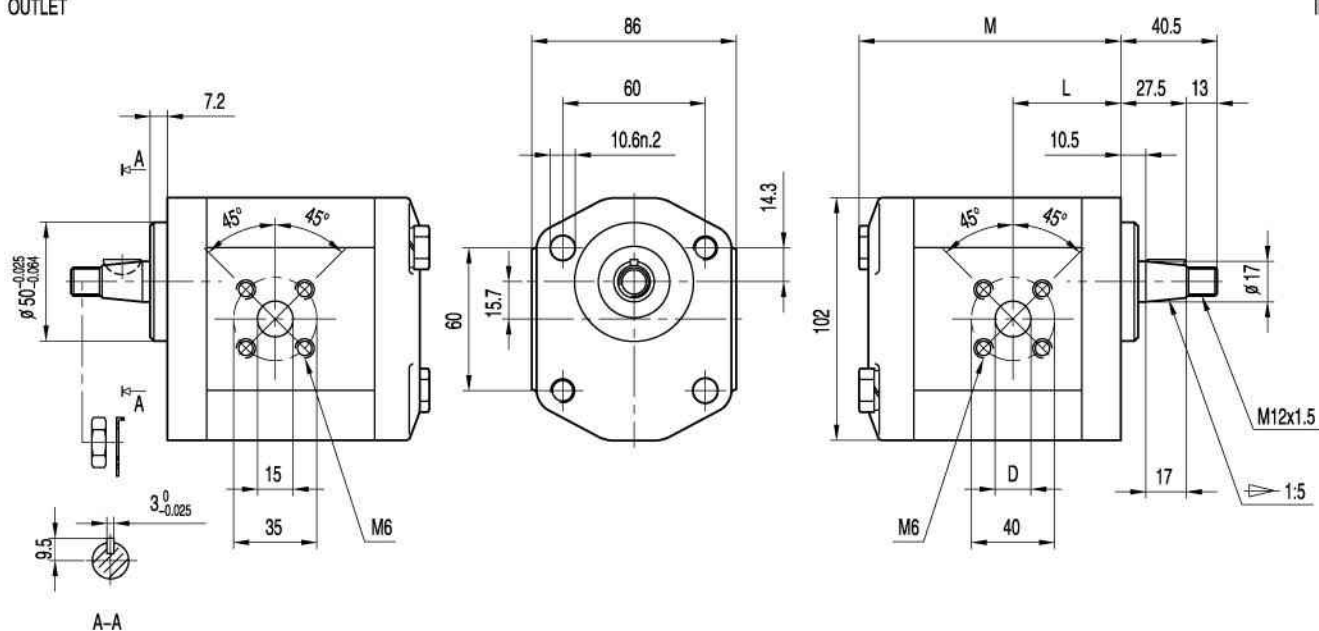
INLET



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions		
		P1 bar	P2 bar	P3 bar			M mm	L mm	D mm
BHP2Q0-D-3	3	270	285	300	4000	800	88.6	37.4	15
BHP2Q0-D-4	4	270	285	300	4000	600	90.2	37.4	15
BHP2Q0-D-6	6	270	285	300	4000	600	93.5	38.6	15
BHP2Q0-D-8	8	270	285	300	3500	500	96.8	40.7	15
BHP2Q0-D-10	10	270	285	300	3000	500	100.1	41.2	20
BHP2Q0-D-12	12	270	285	300	3000	500	103.4	45	20
BHP2Q0-D-14	14	250	265	280	4000	500	106.8	45	20
BHP2Q0-D-16	16	250	265	280	4000	500	110.2	45	20
BHP2Q0-D-18	18	250	265	280	3600	400	113.5	45	20
BHP2Q0-D-20	20	220	235	250	3200	400	116.8	45	20
BHP2Q0-D-22	22	220	235	250	3000	400	120.1	52.6	20
BHP2Q0-D-25	25	200	215	230	3000	400	125.1	59.3	20
BHP2Q0-D-28	28	180	190	200	2500	400	130.1	61.8	20
BHP2Q0-D-30	30	160	170	180	2500	400	133.4	63.5	20

Shaft M12x1.5 nut, with a torque wrench setting fixed at 50 Nm.

INLET



Type	Displacement	Max pressure			Max. speed	Min. speed	Dimensions		
		P1	P2	P3			M	L	D
	(cm³/rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm	mm
BHP2Q1-D-3	3	270	285	300	4000	800	88.6	37.4	15
BHP2Q1-D-4	4	270	285	300	4000	600	90.2	37.4	15
BHP2Q1-D-6	6	270	285	300	4000	600	93.5	38.6	15
BHP2Q1-D-8	8	270	285	300	3500	500	96.8	40.7	15
BHP2Q1-D-10	10	270	285	300	3000	500	100.1	41.2	20
BHP2Q1-D-12	12	270	285	300	3000	500	103.4	45	20
BHP2Q1-D-14	14	250	265	280	4000	500	106.8	45	20
BHP2Q1-D-16	16	250	265	280	4000	500	110.2	45	20
BHP2Q1-D-18	18	250	265	280	3600	400	113.5	45	20
BHP2Q1-D-20	20	220	235	250	3200	400	116.8	45	20
BHP2Q1-D-22	22	220	235	250	3000	400	120.1	52.6	20
BHP2Q1-D-25	25	200	215	230	3000	400	125.1	59.3	20
BHP2Q1-D-28	28	180	190	200	2500	400	130.1	61.8	20
BHP2Q1-D-30	30	160	170	180	2500	400	133.4	63.5	20

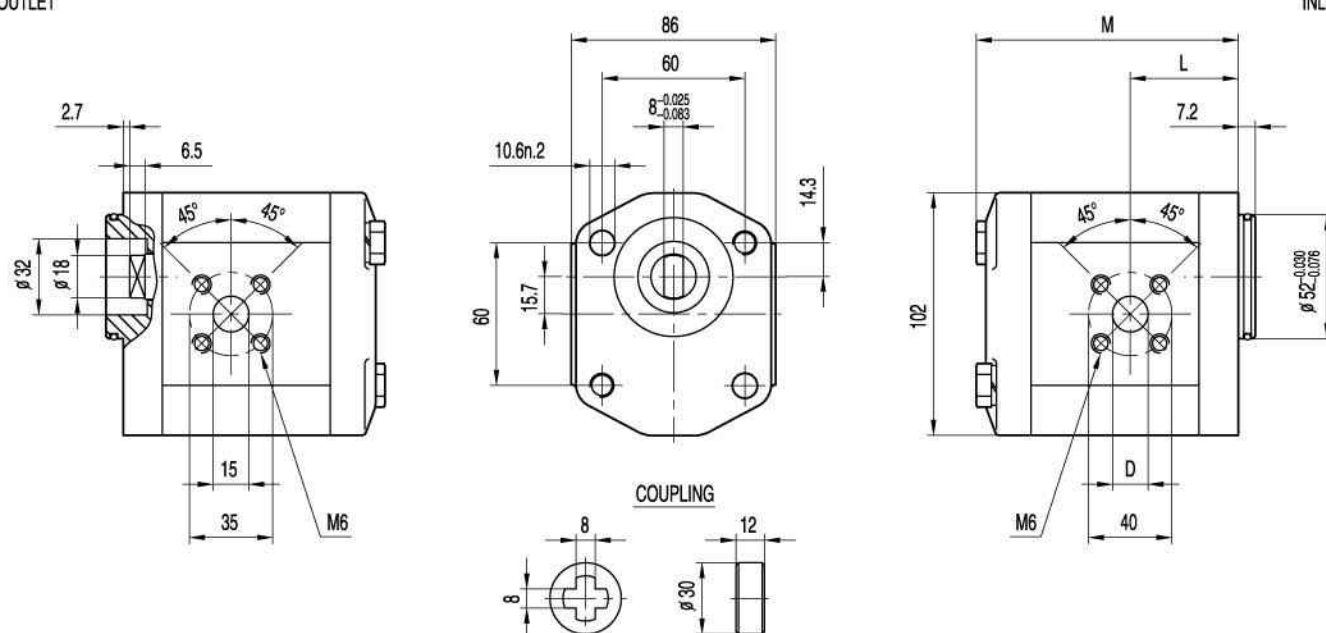
BHP2Q2



M6 thread depth 13.
 To mount the pump, n.2 M10 screws,
 with a torque wrench setting fixed
 at 45...50 Nm.
 Shaft M12x1.5 nut, with a torque
 Coupling Max. torque 70 Nm.

OUTLET

INLET

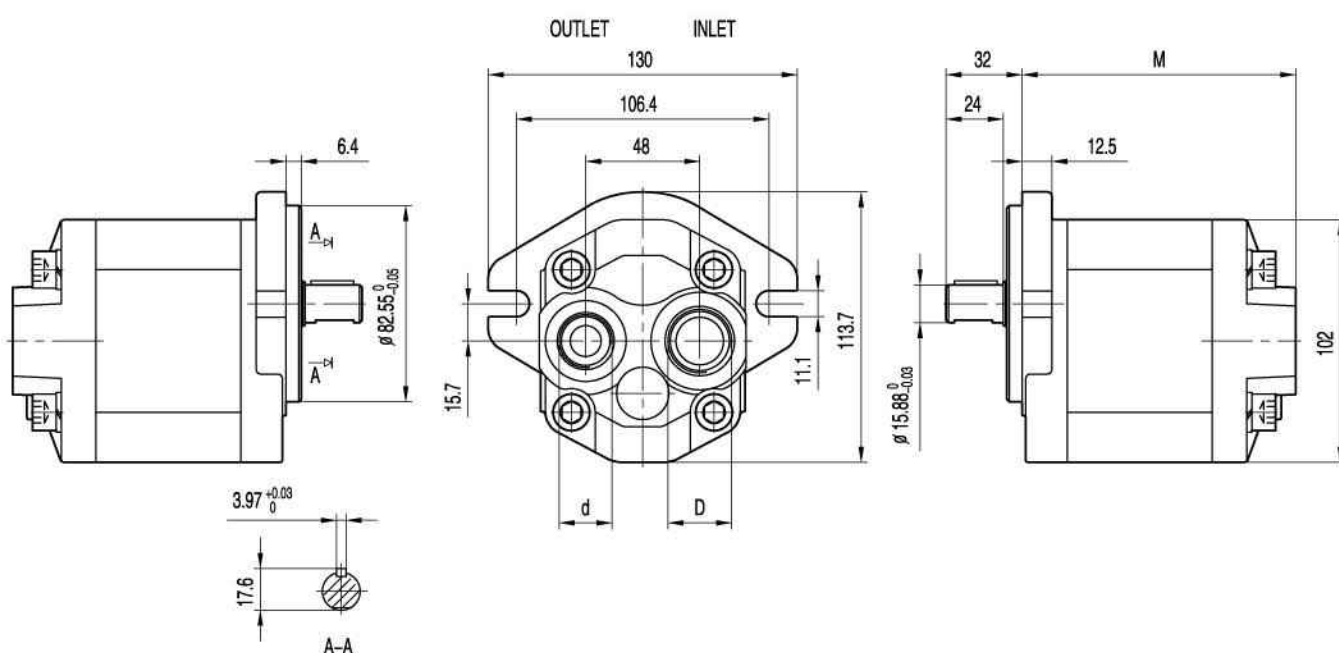


Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions		
		P1 bar	P2 bar	P3 bar			M mm	L mm	D mm
BHP2Q2-D-3	3	270	285	300	4000	800	88.6	37.4	15
BHP2Q2-D-4	4	270	285	300	4000	600	90.2	37.4	15
BHP2Q2-D-6	6	270	285	300	4000	600	93.5	38.6	15
BHP2Q2-D-8	8	270	285	300	3500	500	96.8	40.7	15
BHP2Q2-D-10	10	270	285	300	3000	500	100.1	41.2	20
BHP2Q2-D-12	12	270	285	300	3000	500	103.4	45	20
BHP2Q2-D-14	14	250	265	280	4000	500	106.8	45	20
BHP2Q2-D-16	16	250	265	280	4000	500	110.2	45	20
BHP2Q2-D-18	18	250	265	280	3600	400	113.5	45	20
BHP2Q2-D-20	20	220	235	250	3200	400	116.8	45	20
BHP2Q2-D-22	22	220	235	250	3000	400	120.1	52.6	20
BHP2Q2-D-25	25	200	215	230	3000	400	125.1	59.3	20
BHP2Q2-D-28	28	180	190	200	2500	400	130.1	61.8	20
BHP2Q2-D-30	30	160	170	180	2500	400	133.4	63.5	20

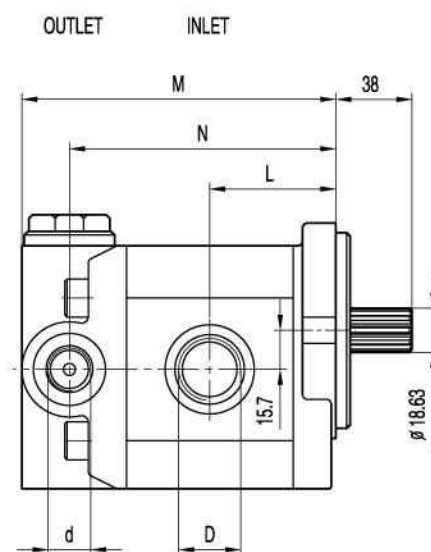
BHP2A0-R



"D" and "d" ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO J1926-1).
 To mount the pump, n.4 M10 screws, with a torque wrench setting fixed at 70...75 Nm.



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions		
		P1 bar	P2 bar	P3 bar			M mm	D	d
BHP2A0-D-3-R	3	270	285	300	4000	800	103.1	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-4-R	4	270	285	300	4000	600	104.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-6-R	6	270	285	300	4000	600	108	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-8-R	8	270	285	300	3500	500	111.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-10-R	10	270	285	300	3000	500	114.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-12-R	12	270	285	300	3000	500	117.9	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-14-R	14	250	265	280	4000	500	121.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-16-R	16	250	265	280	4000	500	124.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-18-R	18	250	265	280	3600	400	128	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-20-R	20	220	235	250	3200	400	131.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-22-R	22	220	235	250	3000	400	134.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-25-R	25	200	215	230	3000	400	139.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-28-R	28	180	190	200	2500	400	144.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-30-R	30	160	170	180	2500	400	147.9	1 1/16-12UNF	7/8-14UNF



Type	Displacement	Control pressure	Control flow	Max. speed	Min. speed	Dimensions				
						M	L	N	D	d
	(cm ³ /rev)	P1	Q _{const}	(r/min)	(r/min)	mm	mm	mm		
BHP2A0-D-3-Fx	3	100...180	2...30	4000	800	112.1	43.6	92.1	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-4-Fx	4			4000	600	113.7	44.4	93.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-6-Fx	6			4000	600	117	46	97	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-8-Fx	8			3500	500	120.3	47.7	100.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-10-Fx	10			3000	500	123.6	49.3	103.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-12-Fx	12			3000	500	126.9	51	106.9	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-14-Fx	14			4000	500	130.3	52.7	110.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-16-Fx	16			4000	500	133.7	54.4	113.7	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-18-Fx	18			3600	400	137	56	117	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-20-Fx	20			3200	400	140.3	57.7	120.3	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-22-Fx	22			3000	400	143.6	59.3	123.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-25-Fx	25			3000	400	148.6	61.8	128.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-28-Fx	28			2500	400	153.6	64.3	133.6	1 1/16-12UNF	7/8-14UNF
BHP2A0-D-30-Fx	30			2500	400	156.9	66	136.9	1 1/16-12UNF	7/8-14UNF

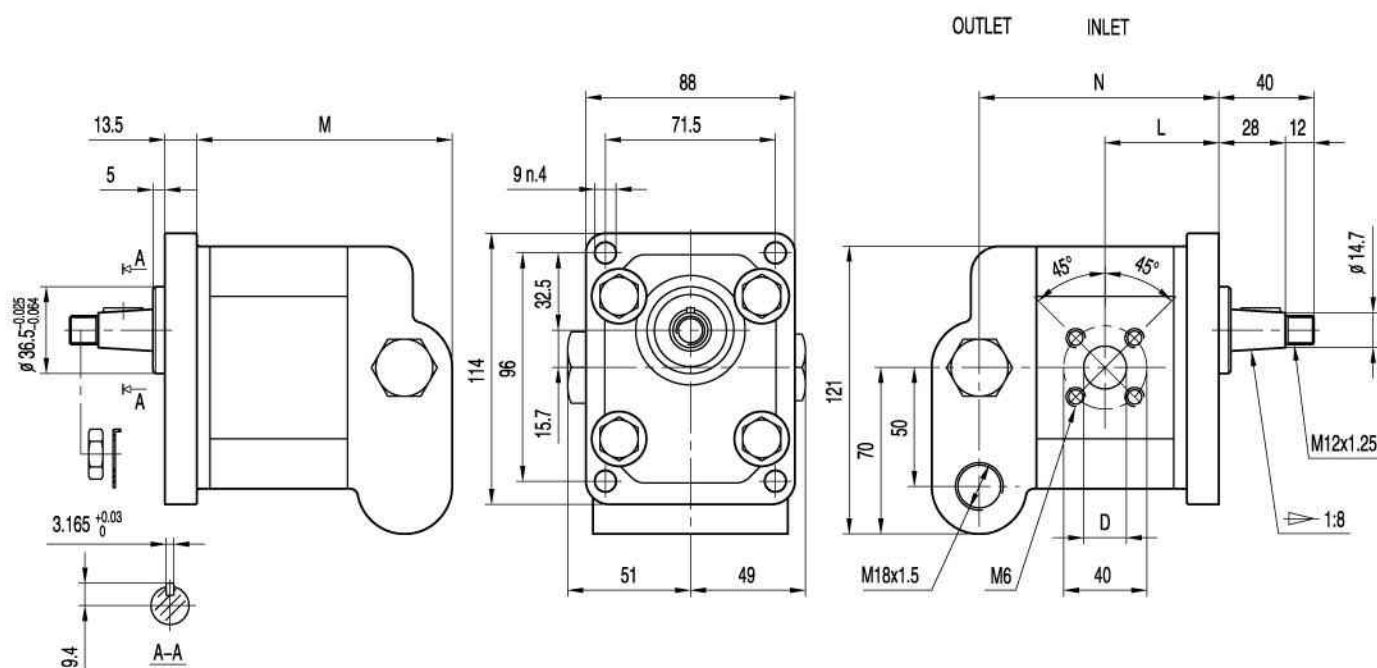
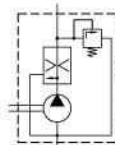
BHP2B0-FAx



M6 thread depth 13, M18x1.5 thread depth 14.

To mount the pump, n.4 M10 screws, with a torque wrench setting fixed at 70...75 Nm.

Shaft M12x1.25 nut, with a torque wrench setting fixed at 50 Nm.



Type	Displacement (cm ³ /rev)	Control pressure P1 bar	Control flow Qconst L/min	Max. speed (r/min)	Min. speed (r/min)	Dimensions			
						M mm	L mm	N mm	D mm
BHP2B0-D-3-FAx	3	100...180	2...30	4000	800	112.1	43.6	96.1	15
BHP2B0-D-4-FAx	4			4000	600	113.7	44.4	97.7	15
BHP2B0-D-6-FAx	6			4000	600	117	46	101	15
BHP2B0-D-8-FAx	8			3500	500	120.3	47.7	104.3	15
BHP2B0-D-10-FAx	10			3000	500	123.6	49.3	107.6	20
BHP2B0-D-12-FAx	12			3000	500	126.9	51	110.9	20
BHP2B0-D-14-FAx	14			4000	500	130.3	52.7	114.3	20
BHP2B0-D-16-FAx	16			4000	500	133.7	54.4	117.7	20
BHP2B0-D-18-FAx	18			3600	400	137	56	121	20
BHP2B0-D-20-FAx	20			3200	400	140.3	57.7	124.3	20
BHP2B0-D-22-FAx	22			3000	400	143.6	59.3	127.6	20
BHP2B0-D-25-FAx	25			3000	400	148.6	61.8	132.6	20
BHP2B0-D-28-FAx	28			2500	400	153.6	64.3	137.6	20
BHP2B0-D-30-FAx	30			2500	400	156.9	66	140.9	20

BAP2B3

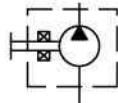


Pump with bearing, This option allows radial and/or axial loads on the pump shaft.

M6 thread depth 13.

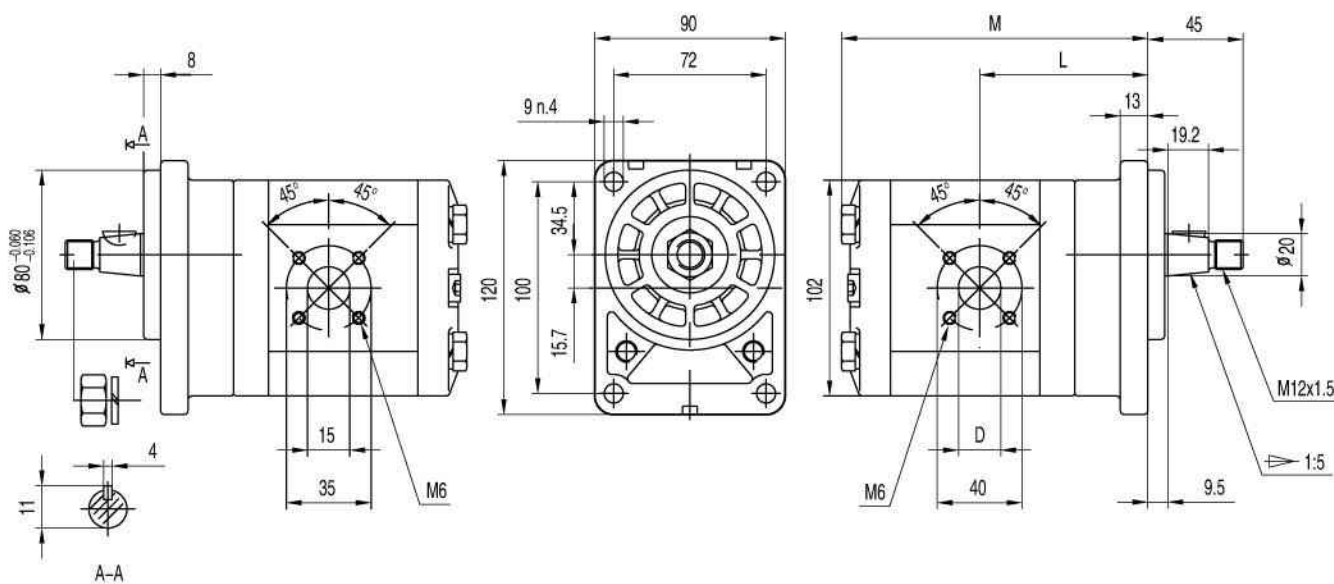
To mount the pump, n.4 M10 screws, with a torque wrench setting fixed at 70...75 Nm.

Shaft M14x1.5 nut, with a torque wrench setting fixed at 70 Nm.



OUTLET

INLET



Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions		
		P1 bar	P2 bar	P3 bar			M mm	L mm	D mm
BHP2B3-D-3	3	270	285	300	4000	800	123.1	71.9	15
BHP2B3-D-4	4	270	285	300	4000	600	124.7	71.9	15
BHP2B3-D-6	6	270	285	300	4000	600	128.0	73.1	15
BHP2B3-D-8	8	270	285	300	3500	500	131.3	75.2	15
BHP2B3-D-10	10	270	285	300	3000	500	134.6	75.7	20
BHP2B3-D-12	12	270	285	300	3000	500	137.9	79.5	20
BHP2B3-D-14	14	250	265	280	4000	500	141.3	79.5	20
BHP2B3-D-16	16	250	265	280	4000	500	144.7	79.5	20
BHP2B3-D-18	18	250	265	280	3600	400	148.0	79.5	20
BHP2B3-D-20	20	220	235	250	3200	400	151.3	79.5	20
BHP2B3-D-22	22	220	235	250	3000	400	154.6	87.1	20
BHP2B3-D-25	25	200	215	230	3000	400	159.6	93.8	20
BHP2B3-D-28	28	180	190	200	2500	400	164.6	96.3	20
BHP2B3-D-30	30	160	170	180	2500	400	167.9	98.0	20

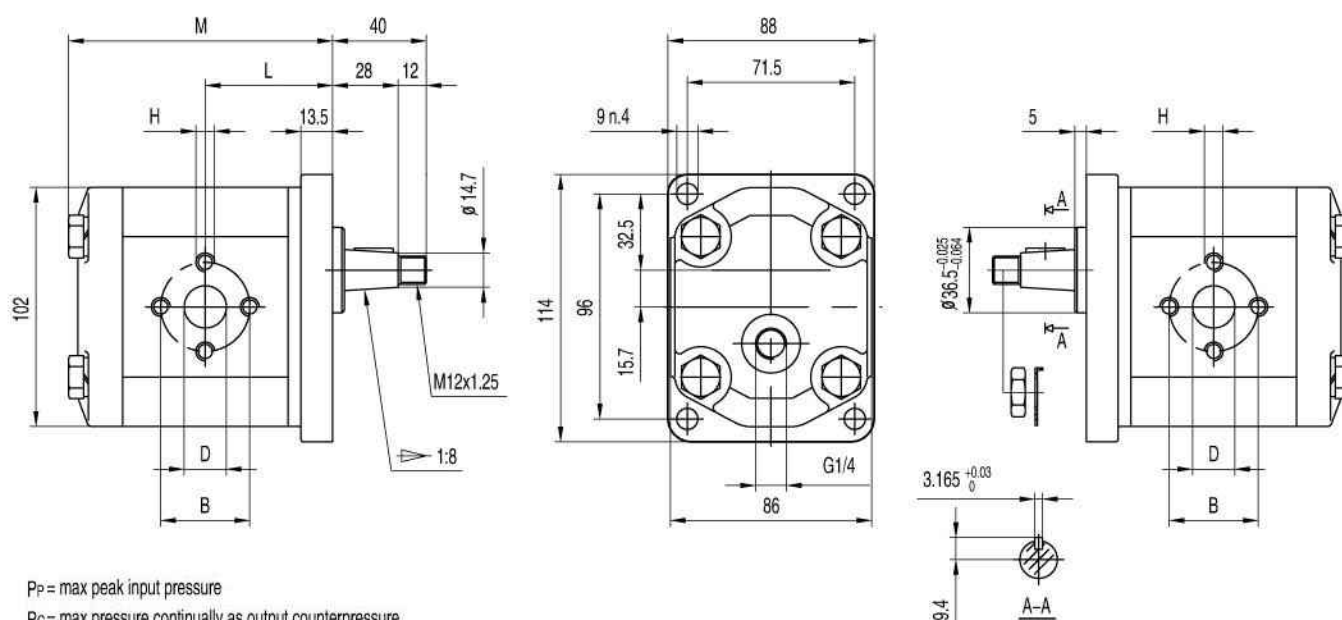
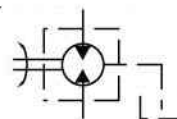
BHM2B0



M6 thread depth 13, M8 thread depth 17.

To mount the pump, n.4 M10 screws, with a torque wrench setting fixed at 70...75 Nm.

Shaft M12x1.25 nut, with a torque wrench setting fixed at 50 Nm.



P_P = max peak input pressure

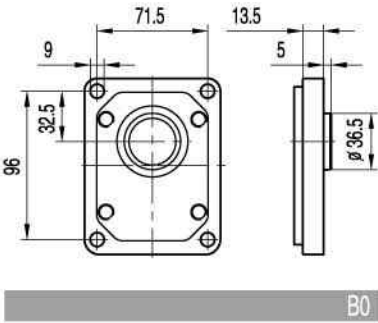
P_C = max pressure continually as output counterpressure

P_I = max peak input pressure continually

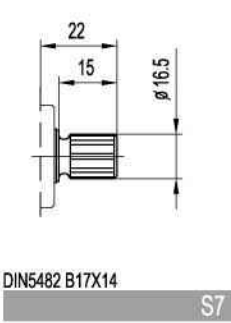
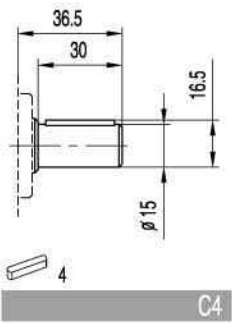
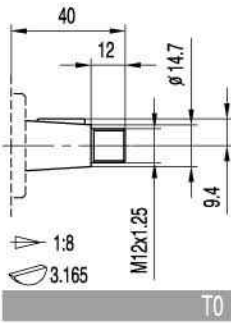
Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions				
		P1 bar	P2 bar	P3 bar			M mm	L mm	B mm	D mm	H
BHM2B0-R-3-Q1	3	280	270	295	4000	800	91.1	43.6	30	13	M6
BHM2B0-R-4-Q1	4	280	270	295	4000	600	92.7	44.4	30	13	M6
BHM2B0-R-6-Q1	6	280	270	295	4000	600	96.0	46.0	30	13	M6
BHM2B0-R-8-Q1	8	280	270	295	3500	500	99.3	47.7	30	13	M6
BHM2B0-R-10-Q1	10	280	270	295	3000	500	102.6	49.3	40	20	M8
BHM2B0-R-12-Q1	12	280	270	295	3000	500	105.9	51.0	40	20	M8
BHM2B0-R-14-Q1	14	260	250	275	4000	500	109.3	52.7	40	20	M8
BHM2B0-R-16-Q1	16	260	250	275	4000	500	112.7	54.4	40	20	M8
BHM2B0-R-18-Q1	18	260	250	275	3600	400	116.0	56.0	40	20	M8
BHM2B0-R-20-Q1	20	230	220	245	3200	400	119.3	57.7	40	20	M8
BHM2B0-R-22-Q1	22	230	220	245	3000	400	122.6	59.3	40	20	M8
BHM2B0-R-25-Q1	25	210	200	225	3000	400	127.6	61.8	40	22	M8
BHM2B0-R-28-Q1	28	200	190	215	2500	400	132.6	64.3	40	22	M8
BHM2B0-R-30-Q1	30	180	170	195	2500	400	135.9	66.0	40	22	M8

BAP2[BHP2]

FRONT COVER



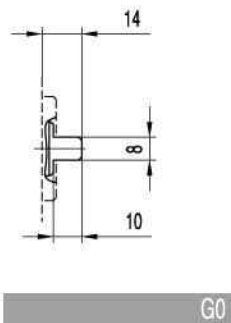
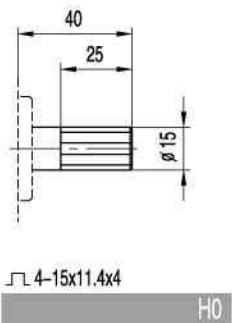
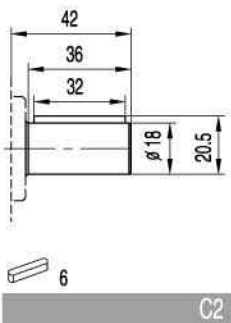
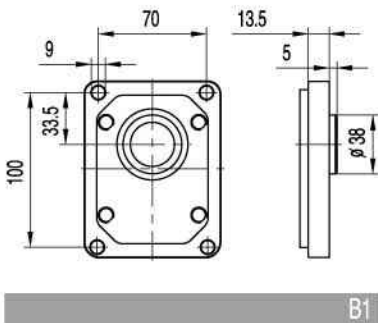
SHAFTS



Max.Torque 200 Nm

Max.Torque 135 Nm

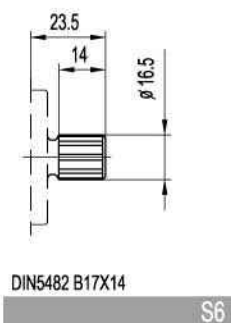
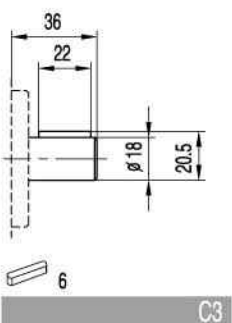
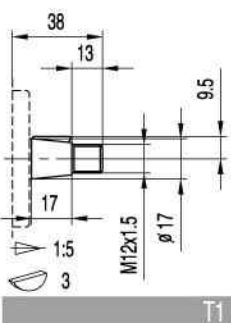
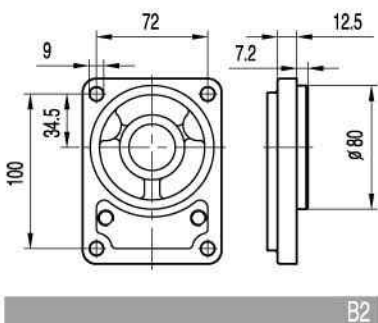
Max.Torque 150 Nm



Max.Torque 150 Nm

Max.Torque 185 Nm

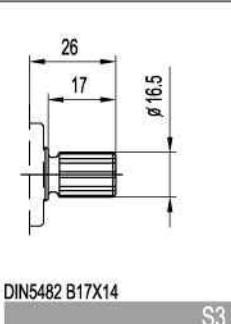
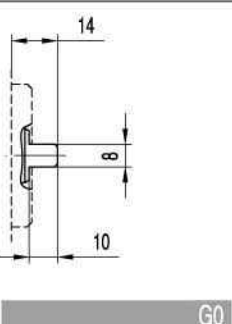
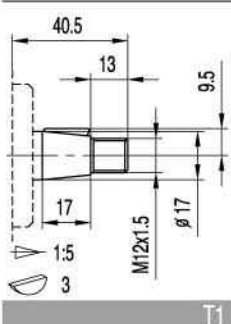
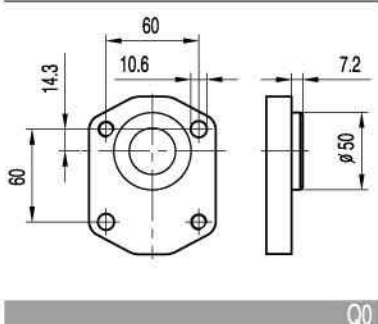
Max.Torque 100 Nm



Max.Torque 180 Nm

Max.Torque 150 Nm

Max.Torque 150 Nm



Max.Torque 180 Nm

Max.Torque 100 Nm

Max.Torque 150 Nm

SHAFTS



Max.Torque 150 Nm



A0



C1

C6

SO

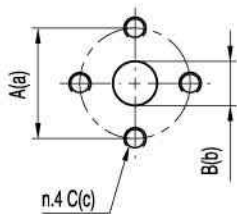
St

58

Max.Torque 190 Nm

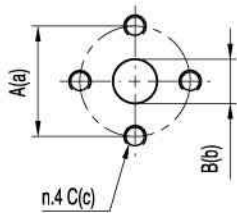
BAP2[BHP2]

PORTS



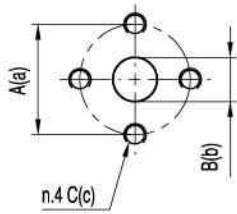
E0/E1/E2

TYPE	PORTS CODE	INLET			OUTLET		
		A	B	C	a	b	c
BA(H)P2...3 ÷ BA(H)P2...8	E0	30	13	M6	30	13	M6
BA(H)P2...10 ÷ BA(H)P2...22	E1	40	20	M8	30	13	M6
BA(H)P2...25 ÷ BA(H)P2...30	E2	40	22	M8	30	13	M6



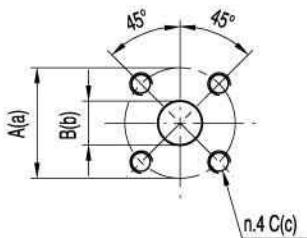
E3

TYPE	INLET			OUTLET		
	A	B	C	a	b	c
BA(H)P2...3 ÷ BA(H)P2...8	38	14	M8	38	10	M8
BA(H)P2...10 ÷ BA(H)P2...22	38	18	M8	38	15	M8
BA(H)P2...25 ÷ BA(H)P2...30	38	20	M8	38	15	M8



E4

TYPE	INLET			OUTLET		
	A	B	C	a	b	c
BA(H)P2...8 ÷ BA(H)P2...10	40	13	M8	40	13	M8
BA(H)P2...12 ÷ BA(H)P2...20	40	19	M8	40	13	M8
BA(H)P2...22 ÷ BA(H)P2...28	40	19	M8	40	19	M8
BA(H)P2...30	40	21	M8	40	19	M8

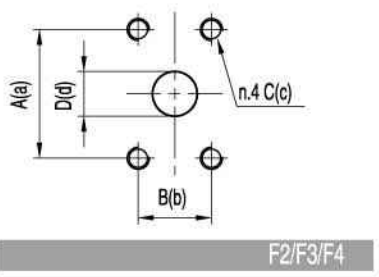


F0/F1/F5

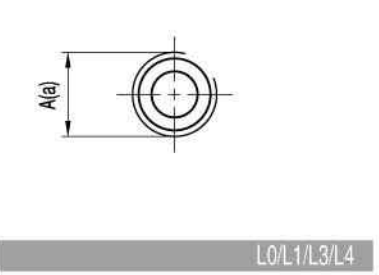
TYPE	PORTS CODE	INLET			OUTLET		
		A	B	C	a	b	c
BA(H)P2...3 ÷ BA(H)P2...8	F0	40	15	M6	35	15	M6
BA(H)P2...10 ÷ BA(H)P2...30	F1	40	20	M6	35	15	M6
BA(H)P2...16 ÷ BA(H)P2...30	F5	55	26	M8	55	18	M8

BAP2[BHP2]

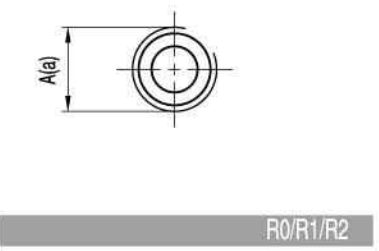
PORTS



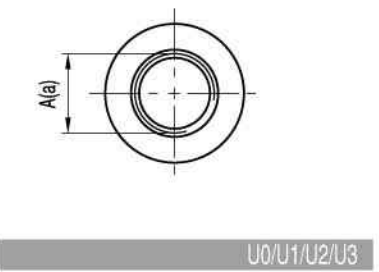
TYPE	PORTS CODE	INLET				OUTLET			
		A	B	C	D	a	b	c	d
BA(H)P2...3 ÷ BA(H)P2...16	F2	38.1	17.48	5/16-18UNC	13	38.1	17.48	5/16-18UNC	13
BA(H)P2...18 ÷ BA(H)P2...20	F3	47.63	22.23	3/8-16UNC	20	38.1	17.48	5/16-18UNC	13
BA(H)P2...22 ÷ BA(H)P2...30	F4	47.63	22.23	3/8-16UNC	20	47.63	22.23	3/8-16UNC	20



TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2...3 ÷ BA(H)P2...6	L0	G1/2	G1/2
BA(H)P2...8 ÷ BA(H)P2...30	L1	G3/4	G1/2
BA(H)P2...16 ÷ BA(H)P2...30	L3	G 1	G3/4
BA(H)P2...8 ÷ BA(H)P2...30	L4	G3/4	G3/4



TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2...3 ÷ BA(H)P2...12	R0	PT1/2	PT1/2
BA(H)P2...14 ÷ BA(H)P2...25	R1	PT3/4	PT1/2
BA(H)P2...28 ÷ BA(H)P2...30	R2	PT 1	PT3/4



TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2...3 ÷ BA(H)P2...28	U0	1 1/16-12 UNF	7/8-14 UNF
BA(H)P2...30	U1	1 5/16-12 UNF	7/8-14 UNF
BA(H)P2...3 ÷ BA(H)P2...28	U2	7/8-14 UNF	3/4-16 UNF
BA(H)P2...8 ÷ BA(H)P2...30	U3	1 5/16-12 UNF	1 1/16-12 UNF