

BAP2.5[BHP2.5]

HOW TO ORDER

BA	P	2.5	Front cover	Rotation		Size	Shaft	Ports	Ports position	Seals	Options		
Series	P- Pump	Group	A0	D	Clockwise	10							
BA-Front and end cover material aluminum			A1	S	Counter clockwise	12.5							
						14							
						16							
						18							
						19							
BH-Front and end cover material cast iron, pressure than "BA" series high 30 bar.													20
													23
													25
													26.5
													28
													30
													32
													36
													40
													45

Ports position

- Omit-Side inlet and side outlet
A-Front inlet and front 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

Seals

- Omit-Range between -10℃ and +80℃,inlet pressure up to max. 3 bar absolute.
V-Version suitable for fluid at hi-temperatures, range between -10℃ and +120℃.
H-Version suitable for fluid at low-temperatures, range between -40℃ and +80℃.
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.

范例/ Examples:

- BAP2.5-A0-D-10-C0-Z0 = clockwise rotation, 10 cc/rev, A0 front cover, C0 parallel shaft, setting ports Z0 type, standard seals
BHP2.5-A1-D-10-C1-F0 = clockwise rotation, 10 cc/rev, A1 front cover, C1 parallel shaft, setting ports F0 type, standard seals
BHP2.5-A2-D-10-S3-U0-N= clockwise rotation, 10 cc/rev, A2 front cover, SAE B splined 13T shaft(S3), setting ports U0 type, high pressure seals(N)

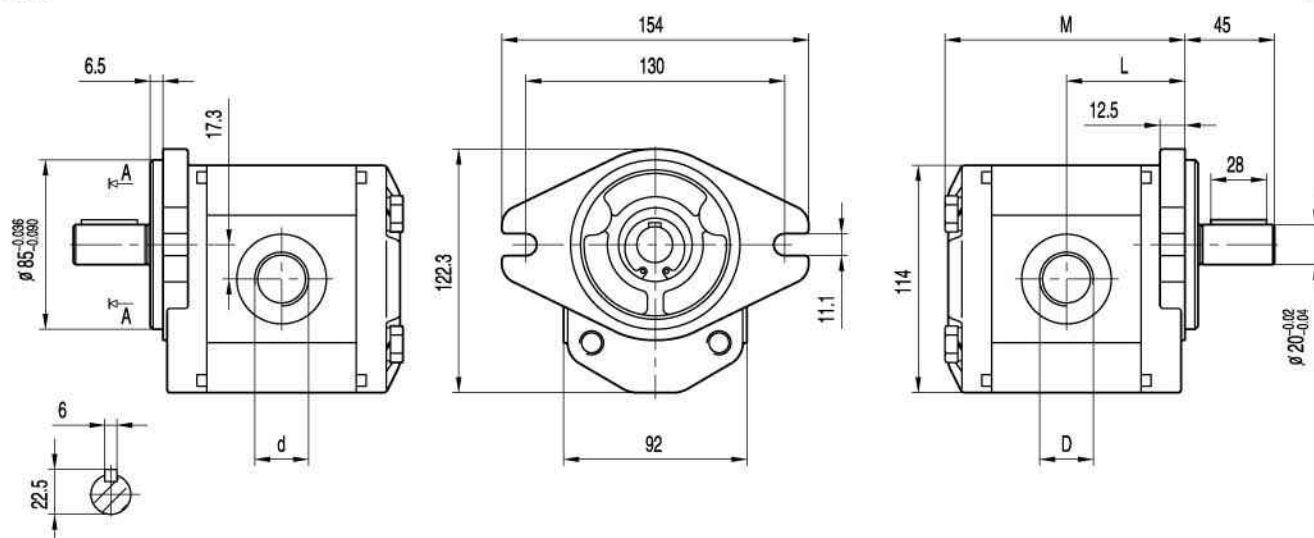
BAP2.5A0



M18x1.5 thread depth 15,
 M22x1.5 thread depth 16,
 M27x2 thread depth 19,
 M33x2 thread depth 20,
 To mount the pump, n.4 M12 screws,
 with a torque wrench setting fixed
 at 75...80 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	d
BAP2.5A0-D-10	10	250	270	290	4000	800	110	53.3	M22x1.5	M18x1.5
BAP2.5A0-D-12.5	12.5	250	270	290	4000	800	113	54.8	M22x1.5	M18x1.5
BAP2.5A0-D-14	14	250	270	290	4000	700	115	55.8	M22x1.5	M18x1.5
BAP2.5A0-D-16	16	250	270	290	3500	700	118	57.1	M27x2	M22x1.5
BAP2.5A0-D-18	18	250	270	290	3500	600	120	58.3	M27x2	M22x1.5
BAP2.5A0-D-19	19	250	270	290	3500	600	121	58.8	M27x2	M22x1.5
BAP2.5A0-D-20	20	250	270	290	3000	500	123	59.6	M27x2	M22x1.5
BAP2.5A0-D-23	23	230	250	260	3500	500	126	61.3	M33x2	M27x2
BAP2.5A0-D-25	25	230	250	260	3500	500	129	62.6	M33x2	M27x2
BAP2.5A0-D-26.5	26.5	230	250	260	3500	500	131	63.6	M33x2	M27x2
BAP2.5A0-D-28	28	230	250	260	3500	500	133	64.6	M33x2	M27x2
BAP2.5A0-D-30	30	230	250	260	3000	400	135	65.6	M33x2	M27x2
BAP2.5A0-D-32	32	200	230	250	3000	400	138	67.1	M33x2	M27x2
BAP2.5A0-D-36	36	200	230	250	2750	400	142	69.1	M33x2	M27x2
BAP2.5A0-D-40	40	160	180	200	2500	400	148	71.6	M33x2	M27x2
BAP2.5A0-D-45	45	160	180	200	2500	400	153	74.6	M33x2	M27x2

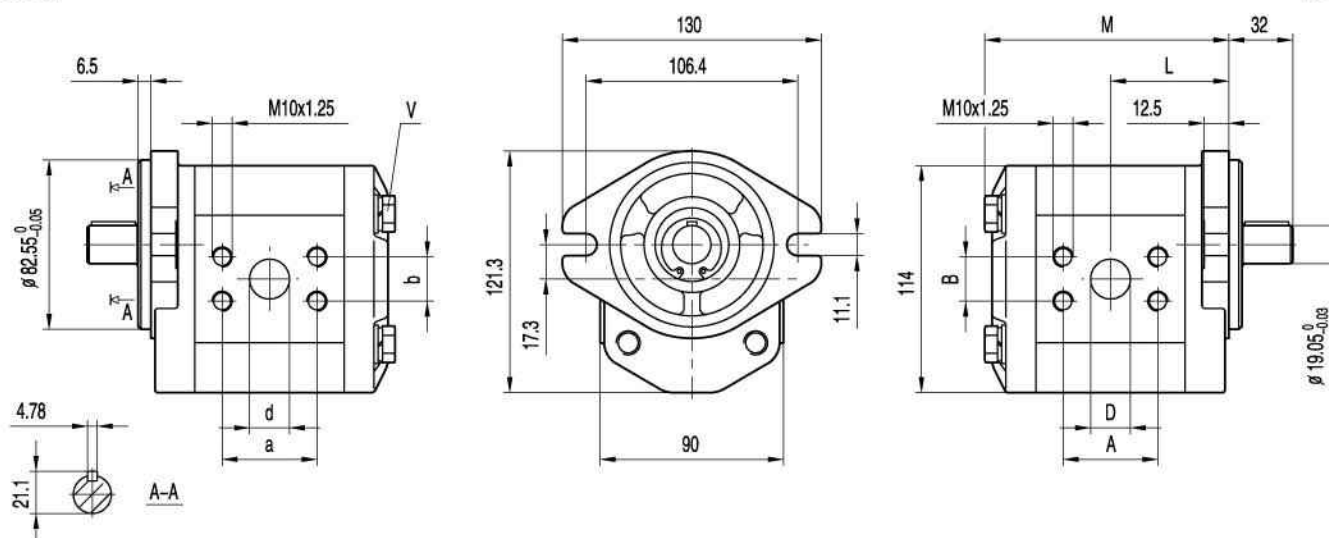
BAP2.5A1[BHP2.5A1]


M10x1.25 thread depth 15.

Mounting flange material	V
	Screws tightening torque Nm
Aluminum	75...80
Cast iron	130...135

OUTLET

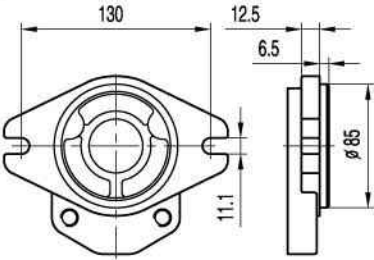
INLET



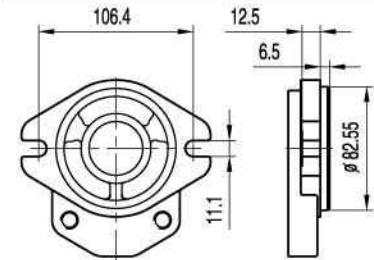
Type	Displacement (cm ³ /rev)	Max pressure			Max. speed (r/min)	Min. speed (r/min)	Dimensions							
		P1	P2	P3			M	L	A	B	D	a	b	d
		bar	bar	bar			mm	mm	mm	mm	mm	mm	mm	mm
BAP2.5A1-D-10	10	250	270	290	4000	800	110	53.3	47.6	22.2	20	47.6	22.2	13
BAP2.5A1-D-12.5	12.5	250	270	290	4000	800	113	54.8	47.6	22.2	20	47.6	22.2	13
BAP2.5A1-D-14	14	250	270	290	4000	700	115	55.8	47.6	22.2	20	47.6	22.2	13
BAP2.5A1-D-16	16	250	270	290	3500	700	118	57.1	47.6	22.2	20	47.6	22.2	13
BAP2.5A1-D-18	18	250	270	290	3500	600	120	58.3	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-19	19	250	270	290	3500	600	121	58.8	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-20	20	250	270	290	3000	500	123	59.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-23	23	230	250	260	3500	500	126	61.3	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-25	25	230	250	260	3500	500	129	62.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-26.5	26.5	230	250	260	3500	500	131	63.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-28	28	230	250	260	3500	500	133	64.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-30	30	230	250	260	3000	400	135	65.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-32	32	200	230	250	3000	400	138	67.1	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-36	36	200	230	250	2750	400	142	69.1	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-40	40	160	180	200	2500	400	148	71.6	52.4	26.2	25	47.6	22.2	20
BAP2.5A1-D-45	45	160	180	200	2500	400	153	74.6	52.4	26.2	25	47.6	22.2	20

BAP2.5[BHP2.5]

FRONT COVER

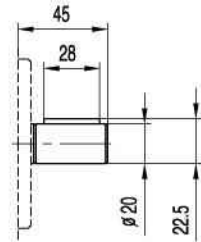


A0



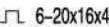
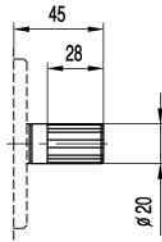
A1

SHAFTS



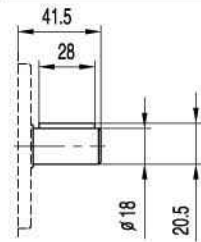
C0

Max.Torque 200 Nm



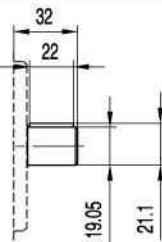
H0

Max.Torque 240 Nm



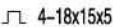
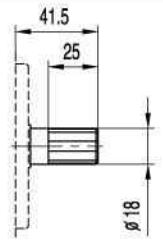
C1

Max.Torque 180 Nm



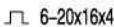
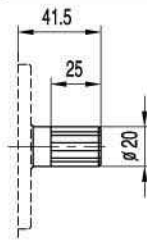
C2

Max.Torque 190 Nm



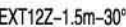
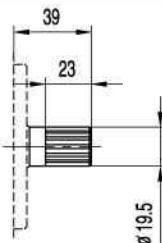
H1

Max.Torque 200 Nm



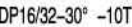
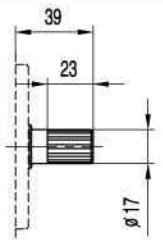
H2

Max.Torque 240 Nm



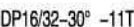
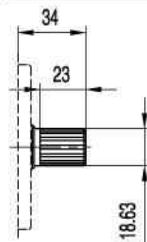
S0

Max.Torque 220 Nm



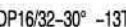
S1

Max.Torque 200 Nm



S2

Max.Torque 210 Nm

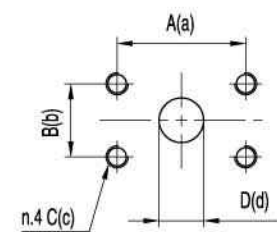


S3

Max.Torque 300 Nm

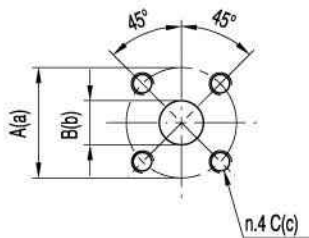
BAP2.5[BHP2.5]

PORTS



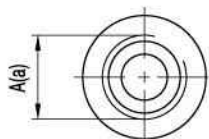
F0/F1

TYPE	PORTS CODE	INLET				OUTLET			
		A	B	C	D	a	b	c	d
BA(H)P2.5...10 ÷ BA(H)P2.5...16	F0	47.6	22.2	M10x1.25	20	47.6	22.2	M10x1.25	13
BA(H)P2.5...18 ÷ BA(H)P2.5...45	F1	52.4	26.2	M10x1.25	25	47.6	22.2	M10x1.25	20



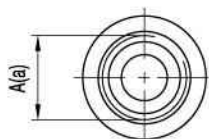
F2

TYPE	INLET			OUTLET		
	A	B	C	a	b	c
BA(H)P2.5...10 ÷ BA(H)P2.5...16	55	20	M8	55	13	M8
BA(H)P2.5...18 ÷ BA(H)P2.5...45	55	25	M8	55	20	M8



Z0/Z1/Z2

TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2.5...10 ÷ BA(H)P2.5...14	Z0	M22x1.5	M18x1.5
BA(H)P2.5...16 ÷ BA(H)P2.5...20	Z1	M27x2	M22x1.5
BA(H)P2.5...23 ÷ BA(H)P2.5...45	Z2	M33x2	M27x2

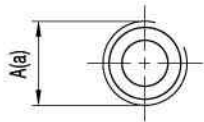


U0/U1

TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2.5...10 ÷ BA(H)P2.5...23	U0	1 1/16-12 UNF	7/8-14 UNF
BA(H)P2.5...25 ÷ BA(H)P2.5...45	U1	1 5/16-12 UNF	1 1/16-12 UNF

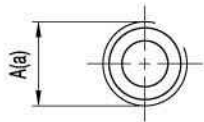
BAP2.5[BHP2.5]

PORTS



L0/L1

TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2.5...10 ÷ BA(H)P2.5...23	L0	G3/4	G1/2
BA(H)P2.5...25 ÷ BA(H)P2.5...45	L1	G 1	G3/4



R0/R1

TYPE	PORTS CODE	INLET	OUTLET
		A	a
BA(H)P2.5...10 ÷ BA(H)P2.5...23	R0	PT3/4	PT1/2
BA(H)P2.5...25 ÷ BA(H)P2.5...45	R1	PT 1	PT3/4