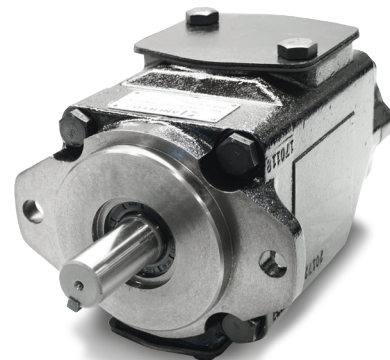




AT6DCCM

FEATURES

- SAE C frame size triple vane pump
- Front section flow rates from 71 L/m through 237 L/m
- Second and third section flow rates from 16 L/m through 150 L/m
- 2 keyed and 2 splined shaft options.
- Multiple inlet/outlet mounting combinations for ease of installation.
- Common SAE 4 bolt suction flange/ triple SAE 4 bolt outlet pressure flanges



OPERATING CHARACTERISTICS

Pressure Port	Model	Volumetric Displacement V _p	Flow q _v [l/min] & n = 1500 RPM			Input power P[kW]		
		cc	p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
P1	B14	47.6	71.4	62.1	55.9	2.3	18.5	30.6
	B17	58.2	87.3	78.0	71.8	2.5	22.2	37.0
	B20	66.0	99.0	89.7	83.5	2.8	24.9	41.7
	B24	79.5	119.3	110.0	103.8	3.0	29.6	49.8
	B28	89.7	134.5	125.2	119.0	3.2	33.2	55.9
	B31	98.3	147.4	138.1	131.9	3.3	36.2	61.0
	B35	111.0	166.5	157.2	151.0	3.5	40.7	68.7
	B38	120.3	180.4	171.1	164.9	3.7	43.9	74.3
	B42 ²	136.0	204.0	194.7	188.5	4.0	49.4	83.7
	B45 ²	145.7	218.5	209.2	203.0	4.1	52.8	89.5
B50 ²	158.0	237.0	227.7	224.0 ¹	4.4	57.0	85.0 ¹	
P2 & P3	B03	10.8	16.2	11.2	7.7	1.3	5.3	8.4
	B05	17.2	25.8	20.8	17.3	1.4	7.5	12.2
	B06	21.3	31.9	26.9	23.4	1.5	8.9	14.7
	B08	26.4	39.6	34.6	31.1	1.6	10.7	17.7
	B10	34.1	51.1	46.1	42.6	1.7	13.4	22.3
	B12	37.1	55.6	50.6	47.1	1.7	14.4	24.1
	B14	46.0	69.0	64.0	60.5	1.9	17.6	29.5
	B17	58.3	87.4	82.4	78.9	2.1	21.9	36.9
	B20	63.8	95.7	90.7	87.2	2.2	23.8	40.2
	B22	70.3	105.4	100.4	96.9	2.3	26.1	44.1
	B25	79.3	118.9	113.9	110.4	2.5	29.2	49.5
B28	88.8	133.2	128.2	125.8 ¹	2.8	32.7	48.5 ¹	
B31	100.0	150.0	145.0	142.6 ¹	2.8	36.5	54.4 ¹	

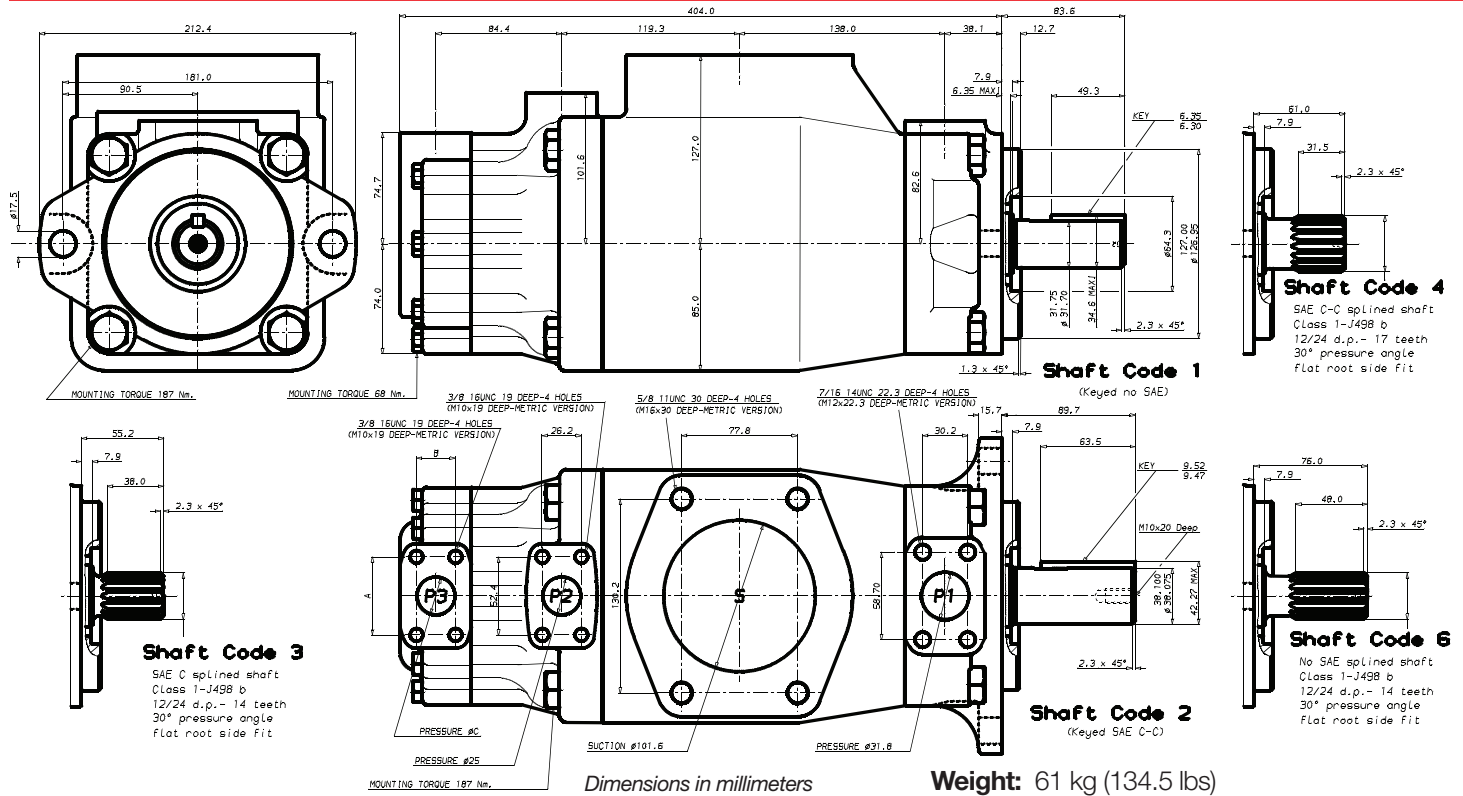
1) B28 - B31 - B50 = 210 bar max. int.

2) B42 - B45 - B50 = 2200 R.P.M. max

AT6DCCM



DIMENSIONS



Alternate Port				
Port	Size	A	B	C
P3	1"	52.4	26.2	25.4
P3	3/4"	47.6	22.2	19.0

Shaft Torque Limits (ml/rev x bar)					
Shaft	Vi x p max	P1 + P2 + P3	Shaft	Vi x p max	P1 + P2 + P3
1	72306		3	61200	
2	34590		4	66500	

ORDERING INFORMATION

Model	Cam Ring* l/min	Cam Ring* l/min	Type of Shaft	Direction of Rotation**	Porting Combination***	Design Letter	Seal Class	Mounting with Connection Variables
AT6DCCM	B14 71.4 B17 87.3 B20 99.0 B24 119.3 B28 134.5 B31 147.4 B35 166.5 B38 180.4 B42 204.0 B45 218.5 B50 237.0	B03 16.2 B05 25.8 B06 31.9 B08 39.6 B10 51.1 B12 55.6 B14 69.0 B17 87.4 B20 95.7 B22 105.4 B25 118.9 B28 133.2 B31 150.0	1 keyed (No SAE) 2 keyed (SAE CC) 3 splined (SAE C) 4 splined (SAE CC) 6 splined (No SAE)	R Clockwise L Counter-clockwise	00 Standard	A	1 S1 (mineral oil) 5 S5 (mineral oil and fire resistant fluids)	00 P3=1" 01 P3=3/4"

*Delivery at 0 bar & 1500 rpm

**View on shaft end

***See page 22 for more porting combinations