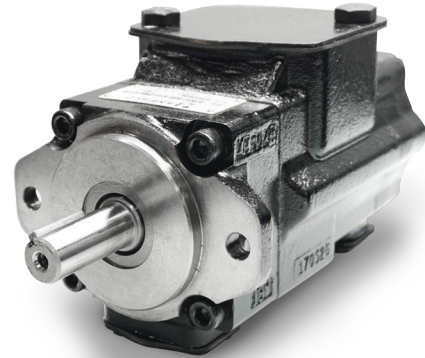




# AT6CCM

## FEATURES

- SAE B frame size double vane pump
- Available flow rates from 16 L/m through 150 L/m
- 2 keyed and 1 splined shaft options, including SAE BB for high torque applications
- Multiple inlet/outlet mounting combinations for ease of installation.
- Common SAE 4 bolt suction flange and dual outlet pressure flange



## OPERATING CHARACTERISTICS

Pressure Port	Model	Volumetric Displacement Vp	Flow $q_{v_e}$ [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 & P2	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 <sup>1</sup>	79.3	118.9	113.9	110.4	2.5	29.2	49.5
	B28 <sup>1</sup>	88.8	133.2	128.2	125.8 <sup>2</sup>	2.8	32.7	48.5 <sup>2</sup>
B31 <sup>1</sup>	100.0	150.0	145.0	142.6 <sup>2</sup>	2.8	36.5	54.4 <sup>2</sup>	

1) B25 - B28 - B31 = 2500 RPM max

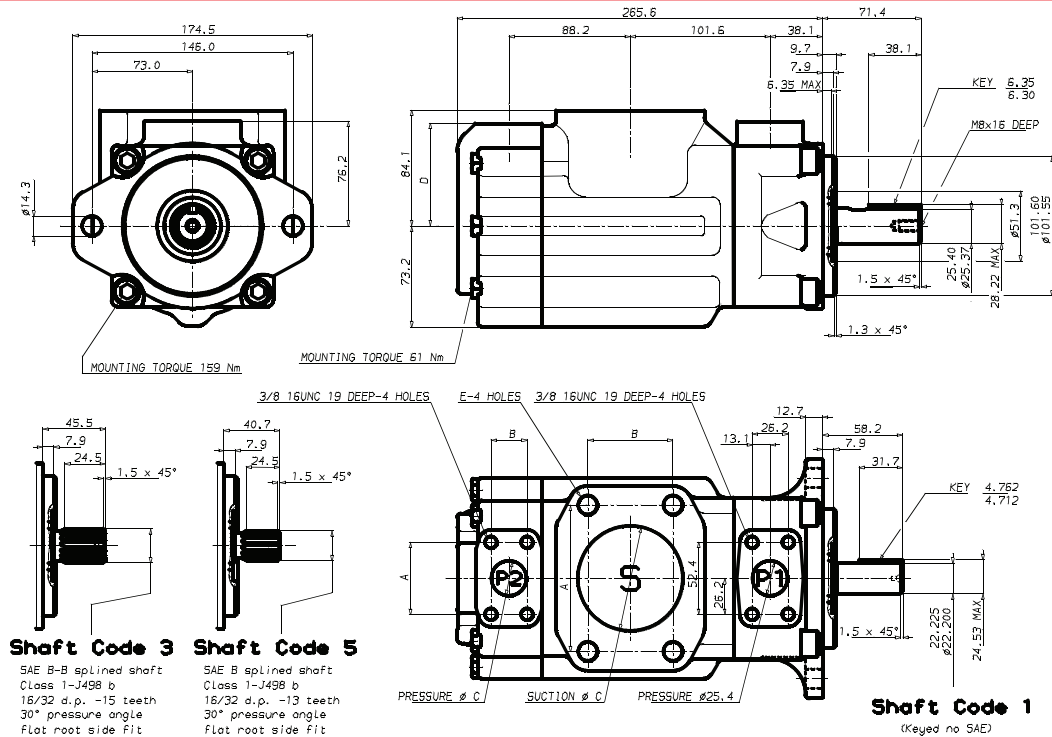
2) B28 - B31 = 210 bar max int

Port connection can be furnished with metric threads

# AT6CCM



## DIMENSIONS



Dimensions in millimeters

Weight: 26.0 kg (57.3 lbs)

Porting Combinations						
Port	Size	A	B	C	D	E
S	3"	106.4	61.9	76.2	-	5/8"-11 x 28.4 deep
S	2-1/2"	88.9	50.8	63.5	-	1/2"-13 x 23.9 deep
P1	1"	52.4	26.2	25.4	76.2	3/8"-16 x 19.0 deep
P2	3/4"	47.7	22.2	19.0	76.2	3/8"-16 x 19.0 deep
P2	1"	52.4	26.2	25.4	74.7	3/8"-16 x 19.0 deep

Shaft Torque Limits (ml/rev x bar)	
Shaft	V x p max P1 + P2
1	14300
3	32670
5	20600

## ORDERING INFORMATION

<b>AT6CCM</b>	-	<b>B31</b>	-	<b>B20</b>	-	<b>3</b>	-	<b>R</b>	-	<b>00</b>	-	<b>A</b>	-	<b>1</b>	-	<b>00</b>
<b>Model</b>		<b>P1</b>		<b>P2</b>				<b>Direction of Rotation**</b>		<b>Porting Combination***</b>		<b>Design Letter</b>		<b>Seal Class</b>		<b>Mounting with Connection Variables</b>
AT6CCM		<b>B03</b>	16.2	<b>B05</b>	25.8	<b>1</b>	Keyed (No SAE)	<b>R</b> Clockwise	<b>00</b>	Standard	<b>1</b>	S1 (mineral oil)	<b>00</b>	P1=1", S=3", P2=1"		
		<b>B06</b>	31.9	<b>B08</b>	39.6	<b>2</b>	Keyed (SAE BB)	<b>L</b> Counter-clockwise			<b>5</b>	S5 (mineral oil and fire resistant fluids)	<b>01</b>	P1=1", S=3", P2=3/4"		
		<b>B10</b>	51.1	<b>B12</b>	55.6	<b>3</b>	Splined (SAE BB)						<b>10</b>	P1=1", S=2-1/2", P2=1"		
		<b>B14</b>	69.0	<b>B17</b>	87.4	<b>5</b>	Splined (SAE B)						<b>11</b>	P1=1", S=2-1/2", P2=3/4" <sup>1</sup>		
		<b>B20</b>	95.7	<b>B22</b>	105.4									<sup>1</sup> ) for 46 ml/rev. max.		
		<b>B25</b>	118.9	<b>B28</b>	133.2									<sup>2</sup> ) for 126 ml/rev. max.		
		<b>B31</b>	150.0											The largest cartridge must be always mounted in the front.		

\*Delivery at 0 bar & 1500 rpm

\*\*View on shaft end

\*\*\*See page 22 for more porting combinations