



AT6EDM

FEATURES

- SAE CC frame size double vane pump utilizes the same body for all displacements.
- Available flow rates from 198 L/m through 340 L/m
- 2 keyed and 2 splined shaft options.
- Multiple inlet/outlet mounting combinations for ease of installation.
- Common SAE 4 bolt suction flange/ dual SAE 4 bolt outlet pressure flange



OPERATING CHARACTERISTICS

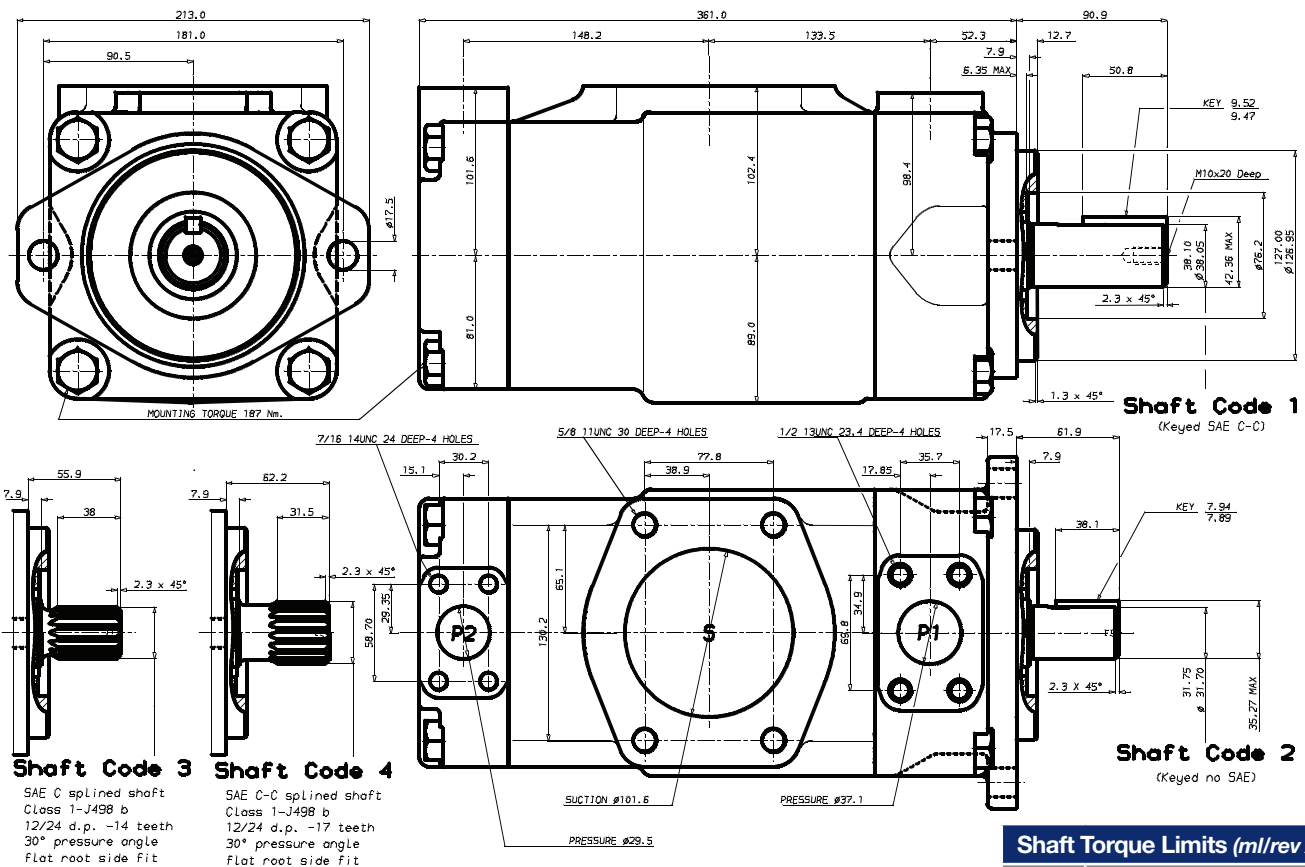
Pressure Port	Model	Volumetric Displacement Vp	Flow q _v [l/min] & n = 1500 RPM			Input power P[kW]		
		cc	p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
P1	B42	132.2	198.5	188.5	181.3	5.2	49.4	82.6
	B45	142.4	213.6	203.6	196.5	5.4	52.9	88.7
	B50	158.5	237.7	227.7	220.6	5.7	58.5	98.3
	B52	164.8	247.2	237.2	230.1	5.8	60.8	102.1
	B62	196.7	295.0	285.0	277.9	6.4	71.9	121.3
	B66	213.3	319.9	309.9	302.8	6.7	77.7	131.2
	B72	227.1	340.6	330.6	323.5	6.9	82.6	139.5
P2	B14	47.6	71.4	62.1	55.9	2.3	18.5	30.6
	B17	87.3	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	136.0	204.0	194.7	188.5	4.0	49.4	83.7
	B45	145.7	218.5	209.2	203.0	4.1	52.8	89.5
	B50	158.0	237.0	227.7	224.0 ¹	4.4	57.0	85.0 ¹

1) B50 = 210 bar max. int. Port connection can be furnished with metric threads.

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DIMENSIONS



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

ORDERING INFORMATION

AT6EDM	B42	B14	3	R	00	A	5
Model	Cam Ring* l/min	Cam Ring* l/min	Type of Shaft	Direction of Rotation**	Porting Combination***	Design Letter	Seal Class
AT6EDM	B42 198.5 B45 213.6 B50 237.7 B52 247.2 B62 295.0 B66 319.9 B72 340.6	P1 B14 69.0 B17 87.4 B20 95.7 B22 105.4 B25 118.9 B28 133.2 B31 150.0 B35 166.5 B38 180.4 B42 204.0 B45 218.5 B50 237.0	P2 1 keyed (SAE CC) 2 keyed (No SAE) 3 splined (SAE C) 4 splined (SAE CC)	R Clockwise L Counter-clockwise	00 Standard		1 S1 (mineral oil) 5 S5 (mineral oil and fire resistant fluids)

*Delivery at 0 bar & 1500 rpm

**View on shaft end

***See page 22 for more porting combinations