

SAE Housing & Flywheel Specifications



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Power
Systems

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Flywheel dimensions mm (in)

Clutch No.	K	C	Y	O	No. Holes
6.5	215.90 (8.500)	71.4 (2.81)	30.2 (1.19)	52.000 (2.0472)	6
7.5	241.30 (9.500)	100.0 (3.94)	30.2 (1.19)	52.000 (2.0472)	8
8	263.52 (10.375)	100.0 (3.94)	62.0 (2.44)	62.000 (2.4409)	6
10	314.31 (12.375)	100.0 (3.94)	53.8 (2.12)	72.000 (2.8346)	8
11.5	352.42 (13.875)	100.0 (3.94)	39.6 (1.56)	72.000 (2.8346)	8
14	466.72 (18.375)	100.0 (3.94)	25.4 (1.00)	80.000 (3.1496)	8
16	517.52 (20.375)	100.0 (3.94)	15.7 (0.62)	100.000 (3.9370)	8
18	571.51 (22.500)	100.0 (3.94)	15.7 (0.62)	100.000 (3.9370)	6
21	673.10 (26.500)	100.0 (3.94)	0.0 (0.00)	130.000 (5.1181)	12
24	733.42 (28.875)	100.0 (3.94)	0.0 (0.00)	130.000 (5.1181)	12

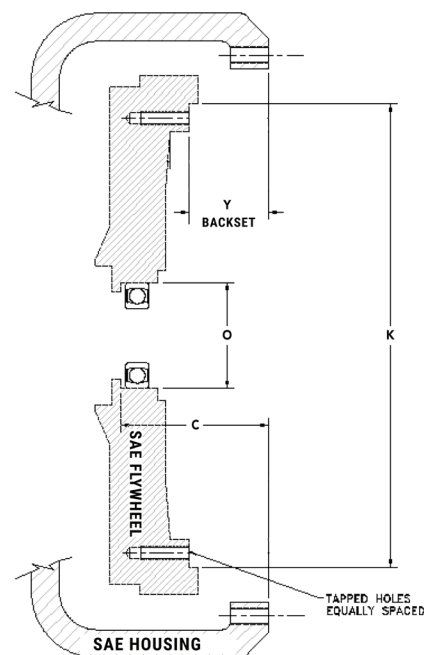
Note: Suggested tolerances are to be measured on an assembled engine; for measuring procedure, see SAE J1033

A.) Diameter tolerance of the driving-ring pilot bore 'K' is +0.13 (0.005), -0.000; maximum eccentricity is 0.13 (0.005) total indicator reading (see footnote b); face runout maximum total indicator reading is 0.0005 times the measured diameter. Diameter tolerance for the mating driving-ring, etc. pilot diameter is +0.000, -0.13 (0.005).

B.) Eccentricity between the driving-ring pilot bore 'K' and the pilot bearing bore 'O' is not to exceed 0.20 (0.008) total indicator reading.

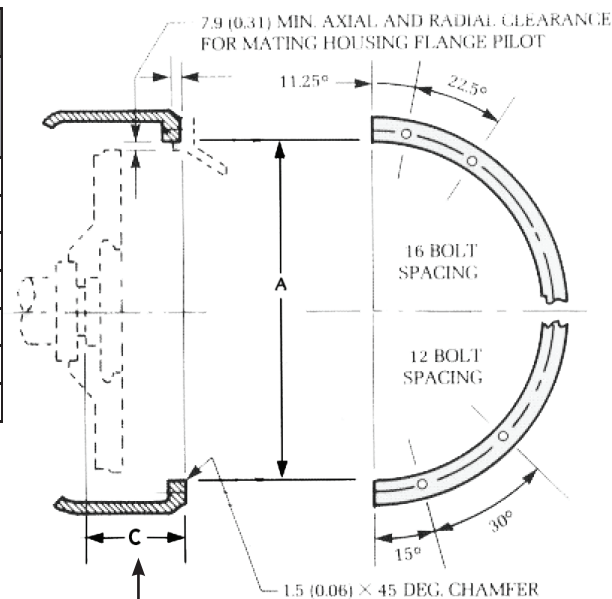
C.) 'O' is the nominal diameter of the bearing. Diameter and fit are to suit installation. Maximum eccentricity is 0.13 (0.005) total indicator reading (see footnote b).

D.) Tapped holes shall be threaded in accordance with UNC Class 2B tolerances of ANSI B1.1 screw threads, and the minimum length of thread engagement shall be 1.5 times the nominal diameter.



Flywheel housing dimensions mm (in)

SAE No.	A	Tolerance		C	# of Holes
		Bore Diameter	Bore Eccentricity/ Face Deviation		
0	647.70 (25.500)	+0.25 (0.010)	0.25 (0.010)	100.0 (3.94)	16
1/2	584.20 (23.000)	+0.20 (0.008)	0.25 (0.010)	100.0 (3.94)	12
1	511.18 (20.125)	+0.13 (0.005)	0.20 (0.008)	100.0 (3.94)	12
2	447.69 (17.625)	+0.13 (0.005)	0.20 (0.008)	100.0 (3.94)	12
3	409.58 (16.125)	+0.13 (0.005)	0.20 (0.008)	100.0 (3.94)	12
4	361.95 (14.250)	+0.13 (0.005)	0.15 (0.006)	100.0 (3.94)	12
5	314.32 (12.375)	+0.13 (0.005)	0.15 (0.006)	71.4 (2.81)	8



Depth of pilot bore from flywheel housing face to shoulder on flywheel or to crankshaft flange face.