

Issued 1919-04
Cancelled 2008-07

Superseding J615 JUL1995

Engine Mountings

1. Scope—This SAE Standard defines engine mounting dimensions for industry standardization and interchangeability. Table 1 and Figure 1 are dimensions for arm type mountings. Table 2 and Figure 2 are for side pad mountings. For engine housing SAE flange dimensions, see SAE J617. For engine foot type mountings (front and rear), see SAE J616.

1.1 Rationale—The Powertrain Systems Group has been unable to convene a group of subject matter experts to perform the 5 year content review of this document. Under these circumstances, it is recommended that this Standard be cancelled.

2. References

2.1 Applicable Publications—The following publications form a part of this document to the extent specified herein. Unless otherwise specified, the latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATIONS—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J616—Engine Foot Mounting (Front and Rear)

SAE J617—Engine Flywheel Housings

TABLE 1A—ARM TYPE MOUNTING DIMENSIONS—REFER TO FIGURES 1 AND 2

SAE Arm No. Tolerance	A mm ±0.25	A in ±0.010	B mm ±0.25	B in ±0.010	C mm ±3.18	C in ±0.12	D mm ±0.25	D in ±0.010
1	298.45	11.750	339.73	13.375	365.13	14.375	50.80	2.000
3	285.75	11.250	311.15	12.250	327.03	12.875	63.50	2.500
4	285.75	11.250	311.15	12.250	327.03	12.875	63.50	2.500
5	285.75	11.250	311.15	12.250	327.03	12.875	63.50	2.500
2T	254.0	10.000	276.23	10.875	298.45	11.750	76.20	3.000

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TABLE 1B—ARM TYPE MOUNTING DIMENSIONS—REFER TO FIGURES 1 AND 2

SAE Arm No. Tolerance	E mm ±0.25	E in ±0.010	F mm ±0.25	F in ±0.010	R mm Max	R in Max	M mm ±0.25	M in ±6.35
1	76.20	3.000	19.84	0.781	11.2	0.44	4.00	101.6
3	76.20	3.000	16.66	0.656	6.4	0.25	3.50	88.9
4	76.20	3.000	16.66	0.656	6.4	0.25	2.75	69.8
5	76.20	3.000	16.66	0.656	6.4	0.25	2.75	69.8
2T	76.20	3.000	16.66	0.656	6.4	0.25	4.00	101.6

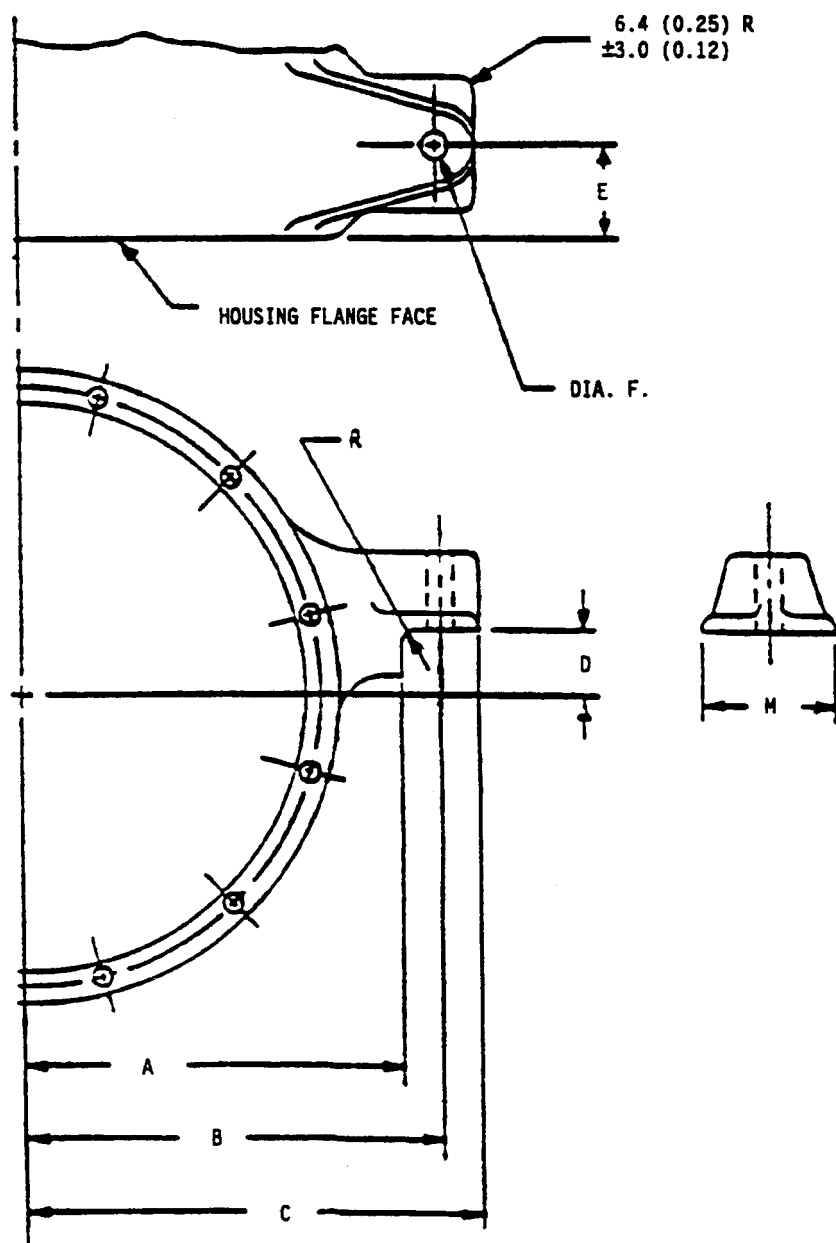


FIGURE 1—ARM TYPE MOUNTING DIMENSIONS