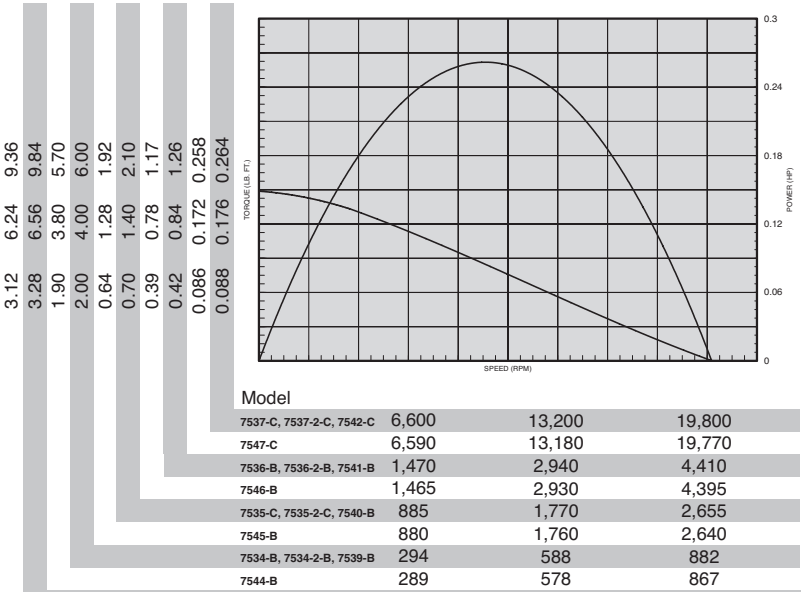
000–SERIES POWER MOTORS
SPECIFICATIONS



Model	Spindle	R.P.M.		Torque				Air Consumption at Free Speed		Sound Level at Free Speed	Weight		Gear Reduction
		Free Speed	Load Speed at Max. Hp	Stall		Output at Max. Hp							
				lb-ft	Nm	lb-ft	Nm	SCFM	L/s	dB(A)	lbs	kg	
NON-REVERSIBLE - 0.25 HP													
7538-B	3/8″ Keyed	550	325	8.2	11.1	4.0	5.4	18.1	8.5	75	1.82	0.82	Double
7539-B	3/8″ Keyed	900	550	5.0	6.7	2.4	3.2	18.1	8.5	75	1.82	0.82	Double
7540-B	3/8″ Keyed	2,700	1,600	1.75	2.3	0.82	1.1	18.1	8.5	75	1.52	0.68	Single
7541-B	3/8″ Keyed	4,500	2,700	1.05	1.4	0.49	0.66	18.1	8.5	75	1.52	0.68	Single
7542-C	3/8″ Keyed	20,000	12,000	0.22	0.3	0.11	0.14	18.1	8.5	75	1.52	0.68	Single
7533-B	3/8″-24 Th'd.	550	325	8.2	11.1	4.0	5.4	18.1	8.5	75	1.82	0.82	Double
7534-B	3/8″-24 Th'd.	900	550	5.0	6.7	2.4	3.2	18.1	8.5	75	1.82	0.82	Double
7535-C	3/8″-24 Th'd.	2,700	1,600	1.75	2.3	0.82	1.1	18.1	8.5	75	1.52	0.68	Single
7536-B	3/8″-24 Th'd.	4,500	2,700	1.05	1.4	0.49	0.66	18.1	8.5	75	1.52	0.68	Single
7537-C	3/8″-24 Th'd.	20,000	12,000	0.22	0.3	0.11	0.14	18.1	8.5	75	1.52	0.68	Single
REVERSIBLE - 0.25 HP													
7543-B	3/8″ Keyed	550	300	7.80	10.6	4.37	5.9	20.0	9.4	75*	1.82	0.82	Double
7544-B	3/8″ Keyed	900	550	4.75	6.4	2.62	3.5	20.0	9.4	75*	1.82	0.82	Double
7545-B	3/8″ Keyed	2,700	1,500	1.60	2.2	0.87	1.1	20.0	9.4	75*	1.52	0.68	Single
7546-B	3/8″ Keyed	4,500	2,400	0.98	1.3	0.55	0.7	20.0	9.4	75*	1.52	0.68	Single
7547-C	3/8″ Keyed	20,000	11,000	0.22	0.3	0.12	0.16	20.0	9.4	75*	1.52	0.68	Single

*Requires installation for reversible motors - shown on page 92.



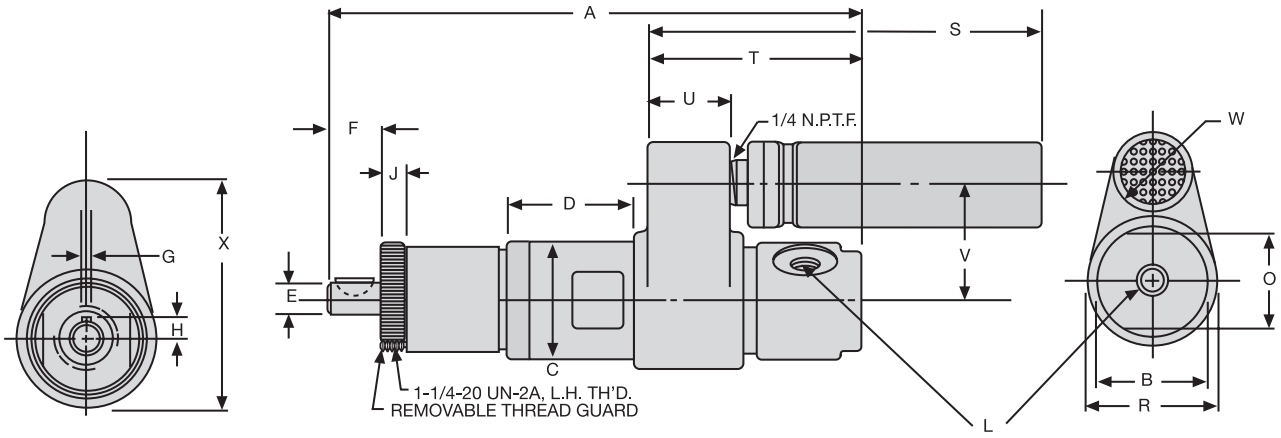
Model			
7537-C, 7537-2-C, 7542-C	6,600	13,200	19,800
7547-C	6,590	13,180	19,770
7536-B, 7536-2-B, 7541-B	1,470	2,940	4,410
7546-B	1,465	2,930	4,395
7535-C, 7535-2-C, 7540-B	885	1,770	2,655
7545-B	880	1,760	2,640
7534-B, 7534-2-B, 7539-B	294	588	882
7544-B	289	578	867

STANDARD EQUIPMENT

Steel motor housing, flush-type grease fittings at rotation points for gear and bearing lubrication, exhaust manifold and muffler.

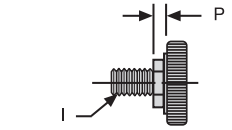
000–SERIES POWER MOTORS AND MOUNTING ACCESSORIES

DIMENSIONS

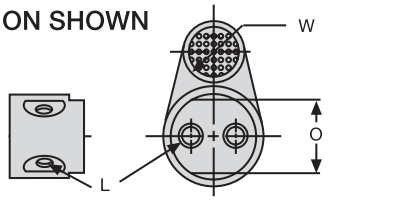


FORWARD ROTATION, DOUBLE REDUCTION SHOWN

Gear Reduction	Dimension A
Single	$4^{15}/_{16}$ 125 mm
Double	6 152 mm



THREADED SPINDLE



AIR INLETS, REVERSIBLE MOTORS

Scale	B	C	D	E	F	G	H	I	J	L
in	$1^{3}/_{8}$	1.373 1.375	$1^{9}/_{32}$	0.3748 0.3751	0.592 0.643	0.0938 0.0948	0.228 0.238	3/8″-24 UNF-3A Thread	0.251 0.276	1/8″ NPTF Air Inlet
mm	35	34.87 34.93	32	9.52 9.53	15.04 16.33	2.38 2.41	5.79 6.05		6.38 7.01	

Scale	O	P	R	S	T	U	V	W	X
in	$1^{1}/_{8}$ Rev. $1^{3}/_{16}$	0.086 0.139	$1^{5}/_{8}$	$4^{9}/_{16}$	$2^{15}/_{32}$	31/32	$1^{3}/_{8}$	1	$2^{11}/_{16}$
mm	28 Rev. 30	2.18 3.53	41	116	63	25	35	25	68