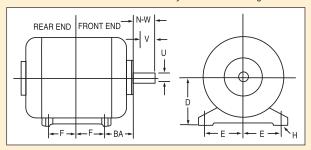
V§ Key Min. Wide Thick Long

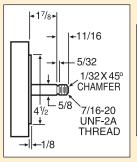
## **Motor Dimensional Chart**

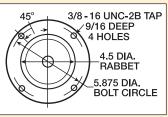
Standardized motor dimensions—established by the National Electrical Manufacturers Association (NEMA)—are tabulated below and apply to all base-mounted motors listed herein that carry a NEMA frame designation.



## **NEMA C- AND J-FACE MOUNTING DIMENSIONS**

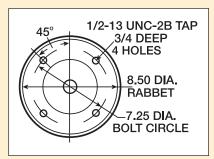
Mounting dimensions of the 56J-Face are exactly the same as the NEMA 56C. 56J-Face has a threaded shaft of stainless steel while all others have a keyed steel shaft. See illustrations and table below for specifics.





56J SHAFT

56C, 56HC, 56J, 143TC AND 145TC – FACE DIMENSIONS



## 182TC THRU 256TC -FACE DIMENSIONS

	Sh	naft		Bolt	
NEMA	Dia.	Long	Rabbet	Circle	
Face	(U) 3/8	(N-W)	Dia.	Dia.	
42C		11/8	3	33/4	
48C	1/2	11/2	3	3¾	
56C	5/8	17/8	41/2	51/8	
56HC‡	5/8	17/8	41/2	57/8	
56J	5/8	27/16	41/2	57/8	
143TC & 145TC	7/8	21/4	41/2	5%	
146ATC & 1412ATC	7/8	21/4	41/2	57/8	
L182ACY & 186ACY	7/8	21/4	41/2	5%	
182TC & 184TC	11/8	23/4	81/2	71/4	
186ATC & 189ATC	11/8	21/4	81/2	71/4	
213TC & 215TC	13/8	33/8	81/2	71/4	
219ATC & 2110ATC	13/8	23/4	81/2	71/4	
254TC & 256TC	15/8	4	81/2	71/4	
284TC & 286TC	15/8	45/8	10½	9	

56H	31/2	47/8	3 & 5‡	23/4	11/32 slot	17/8 +	98 † 5⁄8 †		3/16 +	3/16 +	13/9 +
56H 56HZ	3½ 3½	**	**	**	**	17/8 †	1/8	2	3/16 † 3/16	3/16 † 3/16	13/8 † 13/8
66	41/8	51/8	5	31/8	13/32 slot	2½ 2½ 2¼ 2¼	3/4	_	3/16	3/16	17/8
143T	3½ 3½	5½ 5½	4	21/4	<sup>11</sup> / <sub>32</sub> dia.	21/4	7/8	2	3/16	3/16	13/8
145T_	31/2	51/2	5	21/4	1732 Uld.	21/4	7/8	2	3/16	3/16	13/8
146AT	31/2	51/2	5½	23/4		2½ 2½ 2½ 2¼ 2¼	7/8	2	3/16	3/16	13/8
148AT	3½ 3½	5½ 5½	7	2 <sup>3</sup> / <sub>4</sub> 2 <sup>3</sup> / <sub>4</sub>	11/32 dia.	21/4	7/8	2	3/16	3/16	13/8 13/8
149AT	31/2	51/2	8	29/4	70L didi	21/4	7/8	2	3/16	3/16	19/8
1412AT	31/2	5½	11	23/4		21/4	7/8		3/16	3/16	13/8
182 184	4½ 4½	7½ 7½	4½ 5½	2 <sup>3</sup> / <sub>4</sub> 2 <sup>3</sup> / <sub>4</sub>		21/4	7/8 7/8	2	3/16 3/16	3/16 3/16	13/8 13/8
182T	41/2	71/2	41/2	23/4	13/32 dia.	23/4	11/8	21/2	1/4	1/4	13/8
184T	41/2	71/2	51/2	23/4		23/4	11/8	21/2	1/4	1/4	13/8
182AT	41/2	71/2	41/2	23/4		21/4	11/8	2	1/4	1/4	13/8
L182ACY	41/2	7½ 7½	41/2	23/4		21/4	7/8	2	3/16	3/16	13/8
L182AT 186ACY	41/2	7½ 7½ 7½	41/2	2 <sup>3</sup> / <sub>4</sub> 2 <sup>3</sup> / <sub>4</sub>		2½ 2½ 2½ 2½	11/8	2	1/4	1/4	13/9
186ACY	41/2	71/2	7	23/4	13/32 dia.	21/4	7/8	2	3/16	3/16	13/8
186AT	41/2	71/2	7	23/4		21/4	11/8	2	1/4	1/4	13/6
L186AT 189AT	41/2	71/2	7	2 <sup>3</sup> / <sub>4</sub> 2 <sup>3</sup> / <sub>4</sub>		21/4	11/8	2	1/4	1/4	13/8
189AT	41/2	7½ 7½ 7½ 7½	10	23/4		21/4	11/8		1/4	V4	13/8
203# 204#	5	8	51/2	31/8	13/32 dia.	21/4	3/4	2	3/16	3/16	13/8
204#	5	8	61/2	31/8	1732 uia.	21/4	3/4	2	3/16	3/16	13/8
213	51/4	81/2	5½	31/2	13/32 dia.	3	11/8	23/4	1/4	1/4	2
215	51/4	81/2	/	31/2		3	11/8	23/4	1/4	1/4	2
213T 215T	5½ 5½	8½ 8½	5½	3½ 3½		3¾ 3¾	13/8 13/8	31/8 31/8	5/16 5/16	5/16 5/16	23/8 23/8
2151 219AT	51/4	81/2	11	31/2		23/4	13/8	21/2	9/16 5/16	9/16 5/16	13/4
2110AT	51/4	81/2	121/2	31/2	13/32 dia.	23/4	1%	21/2	9/16 5/16	9/16 5/16	13/4
2110AT 224#	5½ 5½	9	63/4	3½ 3½		3	19/8	2½ 2¾	9/16 1/4	9/16 1/4	2
225#	51/2	9	71/2	31/2	13/32 dia.	3	+	23/4	1/4	1/4	2
254#	61/4	10	81/4	41/4	<sup>21</sup> / <sub>32</sub> dia.	33%	11/6	31/8	1/4	1/4	23/2
254# 254U	61/4	10	81/4	41/4	732 UIA.	33/8 33/4	13/8	31/2	5/16	5/16	2 2¾ 2¾ 2¾ 2¾ 2¾
25611	61/4	10	10	41/4	47/ "	33/4	13/8	31/2	5/16	5/10	23/4
254T 256T	6½ 6¼	10	8½ 10	41/4	17/32 dia.	4	15/8	33/4	3/8	3/8	27/8 27/8
256T	61/4	10	10	41/4		4	15/8	33/4	3/8	3/8	27/8
284#	7	11	91/2	43/4	21/32 dia.	33/4	11/4	31/2	1/4	1/4	23/4
284U 286U	7	11	91/2	43/4		47/8	15/8	45/8	3/8	3/8	3 <sup>3</sup> / <sub>4</sub> 3 <sup>3</sup> / <sub>4</sub>
286U	7	11	11	43/4		47/8	15/8	45/8	3/8	3/8	33/4
284T	7	11	91/2	43/4	17/32 dia.	45/8	11/8	43/8	1/2	1/2	31/4
286T	7	11	11	43/4	1732 uia.	45/8	11/8	43/8	1/5	1/2	31/4
286T 284TS 286TS	7	11	9½ 11	43/4		31/4 ^	15/8 ^	3 ^	3/8	3/8	17/8 ^
286TS	7	11	11	43/4		31/4 ^	15/8 ^	3 ^	3/8	3/8	17/8 ^
324#	8	121/2	10½	51/4	<sup>21</sup> / <sub>32</sub> dia.	47/8	15/8	45/8	3/8	3/8	3 <sup>3</sup> / <sub>4</sub> 3 <sup>3</sup> / <sub>4</sub>
326#	8	12½ 12½	12 10½	5½ 5½ 5½ 5½	70L GIGI	47/8 55/8	15/8	45/8	3/8	3/8	3%
324U 326U	8	121/2	10 1/2	5 1/4		59/8	17/8	5%	1/2	1/2	41/4
326U	8	121/2	12 10½ 12	5½ 5½ 5½ 5½		51/4 51/4 51/4	11/8	5%	1/2	1/2	41/4
324T 326T	8	12½ 12½	10 72	51/4	<sup>21</sup> / <sub>32</sub> dia.	51/4	2½ 2½	5 5	1/2	1/2	37/8 37/8
324TS	8	121/2	10½	51/4		33/4 ^	17/8 ^	3½ ^	1/2	1/6	2 ^
326TS		121/2	1072	51/4		33/4 ^	17/8 A	31/2 ^	1/2	1/2	2 ^
326TS 364#	- 8 - 9	14	12 111/4	5½ 5½ 5½ 5%		5%	17/8 ^ 17/8	53/8	1/2	1/2	41/4
364S#	9	14	111/4	57/8	<sup>21</sup> / <sub>32</sub> dia.	31/4	15/8	3	3/8	3/8	17/8
365#	9		1011	57/8	70L did:	5%	17/9	53/8	1/2	17	170
36411		14	121/2							1/2	41/4
365U	9	14 14	121/2	E7/6	21/ 4:-	63%	21/8	61/8	1/2	1/2	4½ 5
	9	14 14 14	12½ 11¼ 12½	E7/6	<sup>21</sup> / <sub>32</sub> dia.	63/8	17/8 21/8 21/8	5% 6% 6%	1/2	1/2 1/2 1/2	5 5
364T	9 9 9	14 14 14	121/2	E7/6	<sup>21</sup> / <sub>32</sub> dia.	63/8	21/8 21/8 23/8	61/8	1/2 1/2 5/8	1/2 1/2 1/2 1/2 5/8	5 5
364T 365T	9 9 9	14 14 14 14	12½ 11¼ 12¼	57/8 57/8 57/8 57/8		63/8 63/8 57/8 57/8	21/8 23/8 23/8	61/8 57/8 57/8	1/2 1/2 5/8 5/8	5/8 5/8	5 5 4½ 4½ 4½
364T 365T	9 9 9	14 14 14 14 14	12½ 11¼ 12¼	57/8 57/8 57/8 57/8	<sup>21</sup> / <sub>32</sub> dia. <sup>21</sup> / <sub>32</sub> dia.	63/8 63/8 57/8 57/8 33/4 ^	21/8 23/8 23/8 17/8 ^	61/8 57/8 57/8	1/2 1/2 5/8 5/8 1/2	5/8 5/8	5 5 4½ 4½ 2 ^
364T 365T 364TS 365TS	9 9 9 9	14 14 14 14 14 14	12½ 11¼ 12¼	57/8 57/8 57/8 57/8		63/8 63/8 57/8 57/8 33/4 ^	21/8 23/8 23/8 17/8 ^	61/8	1/2 1/2 5/8 5/8 1/2 1/2	5/8 5/8 1/2 1/2	5 4½ 4½ 2^ 2^
364T 365T 364TS 365TS 404T	9 9 9 9 9	14 14 14 14 14 14 14	12½ 11¼ 12¼ 11¼ 12¼ 12¼	51/8 51/8 51/8 51/8 51/8 51/8 65/8		63/8 63/8 57/8 57/8 33/4 ^ 71/4	21/8 23/8 23/8 17/8 ^ 17/8 ^ 27/8	61/8 57/8 57/8	1/2 1/2 5/8 5/8 1/2 1/2 3/4	5/8 5/8 1/2 1/2 3/4	5 5 4½ 4½ 2^ 2^ 55/8
364T 365T 364TS 365TS 404T 405T	9 9 9 9 9 9 10	14 14 14 14 14 14 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼	51/8 51/8 51/8 51/8 51/8 51/8 65/8 65/8	<sup>21</sup> ⁄ <sub>32</sub> dia.	63/8 53/8 53/4 33/4 ^ 71/4 71/4	2½ 2¾ 2¾ 1½ ^ 1½ ^ 2½ 2½	61/8 57/8 57/8 31/2 ^ 31/2 ^ 7	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 3/4	5/8 5/8 1/2 1/2 3/4 3/4	5 5 4½ 4½ 2^ 2^ 55/8
364T 365T 364TS 365TS 404T 405T	9 9 9 9 9 10 10	14 14 14 14 14 14 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼	51/8 51/8 51/8 51/8 51/8 51/8 65/8 65/8		63/8 57/8 57/8 33/4 ^ 71/4 71/4 41/4 ^	2½ 2¾ 2¾ 1½ ^ 1½ ^ 2½ 2½	61/8 57/8 51/2 ^ 31/2 ^ 7 7 7	1/2 1/2 5/8 5/8 1/2 1/2 3/4 3/4 1/2	5/8 5/8 1/2 1/2 3/4 3/4	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^
364T 365T 364TS 365TS 404T 405T 404TS 405TS	9 9 9 9 9 9 10 10 10	14 14 14 14 14 14 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 13¾ 12¼	51/8 51/8 51/8 51/8 51/8 51/8 65/8 65/8 65/8 65/8	<sup>21</sup> ⁄ <sub>32</sub> dia.	63/8 57/8 57/8 57/8 33/4 ^ 71/4 71/4 41/4 ^ 41/4 ^	2½8 2¾8 1½8 ^ 1½8 ^ 2½8 2½8 2½8 ^	61/8 57/8 51/8 31/2 ^ 31/2 ^ 7 7 7 4 ^ 4 ^	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 3/4 1/2 1/2	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U	9 9 9 9 9 10 10 10	14 14 14 14 14 16 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 13¾ 12¼	57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8	<sup>21</sup> ⁄ <sub>32</sub> dia.	63/8 63/8 57/8 57/8 33/4 ^ 71/4 71/4 41/4 ^ 41/4 ^ 71/8	2½8 2¾8 1½8 ^ 1½8 ^ 2½8 2½8 2½8 ^	61/8 51/8 51/8 31/2 ^ 7 7 7 4 ^ 4 ^ 61/8	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 1/2 1/2 1/2 5/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U	9 9 9 9 9 10 10 10	14 14 14 14 14 16 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 13¾ 12¼	57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8	<sup>21</sup> ⁄ <sub>32</sub> dia.	63/8 63/8 57/8 57/8 33/4 ^ 71/4 71/4 41/4 ^ 41/4 ^ 71/8	2½8 2¾8 1½8 ^ 1½8 ^ 2½8 2½8 2½8 ^	61/8 51/8 51/8 31/2 ^ 7 7 7 4 ^ 4 ^ 61/8	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 1/2 1/2 1/2 5/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U 405U 444T	9 9 9 9 9 9 10 10 10 10 10 10	14 14 14 14 14 16 16 16 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½	51/8 51/8 51/8 51/8 51/8 51/8 51/8 65/8 65/8 65/8 65/8 65/8 65/8 65/8 71/2	<sup>21</sup> ⁄ <sub>32</sub> dia.	63% 53% 53% 334 ^ 71/4 71/4 41/4 ^ 71/8 71/8 81/2	21/8 23/8 23/8 11/8 ^ 11/8 ^ 21/8 ^ 21/8 ^ 21/8 ^ 21/8 ^ 21/8 ^ 23/8 33/8	61/8 51/8 51/8 31/2 ^ 7 7 4 ^ 4 ^ 61/8 61/8	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 1/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 7/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^ 51/2 51/2 67/8
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U 405U 444T 445T.	9 9 9 9 9 10 10 10	14 14 14 14 14 16 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 13¾ 12¼	57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8	<sup>21</sup> / <sub>92</sub> dia.	63/8 63/8 57/8 57/8 33/4 ^ 71/4 71/4 41/4 ^ 41/4 ^ 71/8	2½8 2¾8 1½8 ^ 1½8 ^ 2½8 2½8 2½8 ^	61/8 51/8 51/8 31/2 ^ 7 7 7 4 ^ 4 ^ 61/8	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 1/2 1/2 1/2 5/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U 405U 444T 445T, 447T.§§	9 9 9 9 9 9 10 10 10 10 10 11 11	14 14 14 14 14 16 16 16 16 16 16 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 12½ 16½	5½ 5½ 5½ 5½ 5½ 5½ 6½ 6½ 6½ 6½ 6½ 7½ 7½	<sup>21</sup> ⁄ <sub>32</sub> dia.	63% 53% 55% 334 ^ 714 714 414 ^ 718 718 812	2 1/8 2 3/8 1 1/8 ^ 1 1/8 ^ 2 1/8 2 1/8 ^ 2 1/8 ^ 2 1/8 ^ 2 3/8 3 3/8 3 3/8	61/8 51/8 51/8 31/2 ^ 7 7 7 4 ^ 4 ^ 61/8 61/8 81/4	1/2 1/2 5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 7/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 7/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^ 23/4 ^ 51/2 67/8
364T 365T 364TS 365TS 404T 405T 404TS 405TS 404U 405U 444T 445T, 447T.§§	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11	14 14 14 14 14 16 16 16 16 16 16	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½	51/8 51/8 51/8 51/8 51/8 51/8 51/8 65/8 65/8 65/8 65/8 65/8 65/8 65/8 71/2	<sup>21</sup> / <sub>92</sub> dia.	63/8 63/8 57/8 33/4 ^^ 71/4 41/4 ^^ 41/4 ^^ 71/8 81/2 81/2 43/4 ^	21/8 23/8 13/8 ^ 11/8 ^ 21/8 21/8 ^ 21/8 ^ 21/8 ^ 23/8 33/8 33/8 23/8 ^	61/8 57/8 31/2 ^ 31/2 ^ 7 7 4 ^ 4 ^ 61/8 61/8 81/4 41/2 ^	1/2 1/2 5/8 5/8 1/2 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 1/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 7/8	5 5 41/4 41/4 2 ^ 2 ^ 55/6 55/6 23/4 ^ 23/4 ^ 51/2 51/2 67/6 67/6
364T 365T 365TS 365TS 404T 405T 404TS 404TS 404U 405U 444T 445T, 447T, 44T, 44	9 9 9 9 9 9 10 10 10 10 10 11 11	14 14 14 14 14 16 16 16 16 16 18 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 16½	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2	<sup>21</sup> / <sub>92</sub> dia.	63% 63% 57% 57% 334 ^ 71/4 71/4 41/4 ^ 71/6 71/6 81/2 81/2 43/4 ^ 43/4 ^ 43/4 ^ 43/4 ^ 4	21/8 23/8 13/8 ^ 11/8 ^ 21/8 ^ 21/8 ^ 21/8 ^ 21/8 ^ 23/8 33/8 33/8 33/8 23/8 ^	61/8 57/8 51/2 ^ 31/2 ^ 7 7 4 ^ 4 ^ 61/8 81/4 41/2 ^ 41/2 ^	1/2 1/2 5/8 5/8 1/2 1/2 3/4 1/2 1/2 5/8 5/8 7/8	5/8 5/8 1/2 1/2 1/2 3/4 3/4 1/2 1/2 1/2 5/8 5/8 7/8 5/8 7/8	5 5 41/4 41/4 2 ^ 2 ^ 55/8 55/8 23/4 ^ 23/4 ^ 51/2 67/8
364T 365T 364TS 365TS 404T 405T 405TS 405TS 405TS 405U 444T 445T, 447T, 44T, 44	9 9 9 9 9 9 10 10 10 10 10 11 11 11 11	14 14 14 14 14 16 16 16 16 16 18 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 16½ 16½	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2	<sup>21</sup> / <sub>92</sub> dia.	63% 63% 57% 334 ^ 334 ^ 714 414 ^ 716 718 812 812 434 ^ 434 ^ 85%	21/6 23/6 11/6 ^ 11/6 ^ 21/6 21/6 ^ 21/6 ^ 21/6 ^ 23/6 33/6 33/6 23/6 ^ 23/6 ^	61/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 81/4 81/4 41/2 ^ 41/2 ^ 83/8	1/2 1/2 5/8 5/8 5/8 1/2 1/2 1/2 5/8 5/8 5/8 7/8 5/8 5/8 5/8 5/8 5/8	5/8 5/8 1/2 1/2 1/2 3/4 3/4 1/2 1/2 1/2 5/8 5/8 7/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 2 ^ 55/6 55/6 23/4 ^ 23/4 ^ 51/2 51/2 67/6 67/6
364T 365T 364TS 365TS 404T 405T 405TS 405TS 405TS 405U 444T 445T, 447T, 44T, 44	9 9 9 9 9 9 10 10 10 10 10 11 11 11	14 14 14 14 14 16 16 16 16 16 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 16½ 16½	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2	<sup>2</sup> / <sub>5</sub> <sup>2</sup> dia. <sup>1</sup> / <sub>5</sub> / <sub>6</sub> dia. <sup>1</sup> / <sub>5</sub> / <sub>6</sub> dia.	63/6 63/6 57/6 33/4 ^ 71/4 71/4 41/4 ^ 71/6 81/2 81/2 43/4 ^ 43/4 ^ 85/6 85/6	21/6 23/6 11/6 ^ 11/6 ^ 21/6 21/6 ^ 21/6 ^ 21/6 ^ 23/6 33/6 33/6 23/6 ^ 23/6 ^	61/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 61/8 81/4 41/2 ^ 41/2 ^ 83/8 83/8	1/2 1/2 5/8 5/8 5/8 1/2 1/2 1/2 5/4 5/4 1/2 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 2 ^ 55/6 55/6 23/4 ^ 23/4 ^ 51/2 61/6 67/6 3 ^ 7
364T 365T 365TS 365TS 404T 405T 405T 405T 405TS 404U 405U 444T 445T, 447T, 447T, 447T, 447T, 447T, 445U 445U 445U	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11	14 14 14 14 14 16 16 16 16 16 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 12¼ 14½ 14½ 16½ 14½ 16½ 16½ 16½ 16½ 15½	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2 71/2 71/2 71/2	<sup>21</sup> / <sub>92</sub> dia.	63/6 63/6 55/6 33/4 ^ 33/4 ^ 71/4 41/4 ^ 71/6 81/2 43/4 ^ 43/4 ^ 43/4 ^ 85/6 85/6 81/2	21/6 23/6 23/6 17/6 ^ 17/6 ^ 21/6 21/6 ^ 21/6 ^ 21/6 ^ 23/6 33/6 33/6 33/6 33/6 23/6 ^ 23/6 ^ 2 2 2	61/6 57/8 57/8 31/2 ^ 7 7 7 4 ^ 67/8 61/8 81/4 41/2 ^ 41/2 ^ 83/8 83/8 83/8	1/2 1/2 5/8 5/8 5/8 1/2 1/2 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5/8 5/6 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 55/6 55/6 23/4 ^ 23/4 ^ 55/2 67/6 3 ^ 7 7 67/6
364T 365T3 365TS 404T4 405T 405T 405TS 404U 405U 444T 445T, 447TS 444TS, 447TS 444TS 445U 445U 445U	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11	14 14 14 14 14 16 16 16 16 16 18 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 14½ 16½ 14½ 16½ 14½ 16½ 16½ 25	5½ 5½ 5½ 5½ 5½ 5½ 6½ 6½ 6½ 6½ 6½ 7½ 7½ 7½ 7½ 7½	<sup>2</sup> / <sub>3</sub> 2 dia. <sup>1</sup> 3/ <sub>16</sub> dia. <sup>1</sup> 3/ <sub>16</sub> dia.	63/6 63/6 55/6 33/4 ^ 75/4 41/4 ^ 71/6 71/6 81/2 43/4 ^ 43/4 ^ 85/6 85/6 85/6 81/2 43/4 ^	21/6 23/6 13/6 ^1 11/6 ^1 21/6 21/6 ^2 21/6 ^2 23/6 33/6 33/6 33/6 23/6 ^2 23/6 ^2 23/	61/8 57/8 51/2 ^ 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 61/8 81/4 41/2 ^ 83/8 83/8 83/8 83/8	1/2 1/2 1/2 1/8 1/8 1/2 1/2 1/2 1/4 1/4 1/2 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8	5/8 5/8 1/2 1/2 3/4 1/2 1/2 1/2 1/2 1/8 5/8 5/8 5/8 5/8 4 4 4 4 4 4 5/8	5 41/4 41/4 2 ^ 55/6 23/4 ^ 23/4 ^ 23/4 ^ 23/4 ^ 67/6 3 ^ 7 7 7 67/6 3 ^
364T 364TS 365TS 404TS 365TS 404TS 405T 405TS 404U 405TS 405TS 404U 444T 445T, 447T\$\$\$444T\$\$44T\$\$544T\$\$544T\$\$544T\$\$544T\$\$545T\$\$645T\$\$645T\$\$645T\$\$645T\$\$655T\$	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11 11 11	14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 will ne	12½ 11½ 12¼ 11½ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 14½ 16½ 14½ 16½ 25 giver be general series serie	57/8 57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2 71/2 71/2 71/2 71/2 71/2	<sup>2</sup> / <sub>3</sub> <sup>2</sup> dia. <sup>1</sup> / <sub>3</sub> / <sub>6</sub> dia. <sup>1</sup> / <sub>3</sub> / <sub>6</sub> dia. han	63/8 63/8 55/8 55/8 33/4 ^ 71/4 71/4 41/4 ^ 71/8 81/2 81/2 43/4 ^ 85/8 85/8 81/2 43/4 ^ Bas	21/6 23/6 11/6 ^ 11/8 ^ 21/6 21/6 ^ 21/6 ^ 21/6 ^ 23/6 33/6 33/6 33/6 23/6 ^ 24/6 ^ 21/6 ^ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	61/6 57/6 57/6 31/2 ^ 7 7 7 4 ^ 4 ^ 67/6 61/6 81/4 41/2 ^ 41/2 ^ 83/6 83/6 83/6 83/6 7/ton 56l	1/2 1/2 5/8 5/8 5/8 5/8 1/2 1/2 1/2 5/8 5/8 7/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5	5/8 5/8 5/8 1/2 1/2 3/4 3/4 1/2 1/2 5/8 5/8 5/8 7/8 5/8 5/8 5/8 5/8 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	5 41/4 41/4 2 ^ 55/6 23/4 ^ 55/6 23/4 ^ 55/6 23/4 ^ 67/6 67/6 3 ^ 7 67/6 3 ^
364T 364TS 365TS 404T 405T 404T 405T 405U 444T 447TS 447TS 5 Dimens the above the property of	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11 11 11	14 14 14 14 16 16 16 16 18 18 18 18 18 18 18 18	12½ 11½ 12¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 14½ 16½ 14½ 16½ 25 25 grid mo	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2 71/2 71/2 71/2 71/2 71/2	<sup>21</sup> / <sub>32</sub> dia. <sup>13</sup> / <sub>16</sub> dia. <sup>13</sup> / <sub>16</sub> dia. <sup>13</sup> / <sub>16</sub> dia. han	63/8 63/8 55/8 55/8 33/4 ^ 71/4 71/4 41/4 ^ 71/8 71/8 81/2 81/2 43/4 ^ 43/4 ^ 85/8 85/8 85/8 85/8 85/8 85/8 85/8 85/8	2½ 2¾ 1½ ^ 1½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2¾ 3 3¾ 2¾ ^ 2½ ^ 2¾ 2 2½ ^ 2¾ 3 3½ ^ 2½ ^ 2½ ^	61/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 81/4 41/2 ^ 41/2 ^ 83/8 81/4 41/2 ^ 7ton 56/8 81/4	1/2 1/2 1/2 5/8 5/8 5/8 1/2 1/2 1/2 1/2 5/8 5/8 5/8 7/8 7/8 5/8 7/8 5/8 7/8 5/8 7/8 5/8 7/8 7/8 5/8 7/8 7/8 7/8 7/8 7/8 7/8 7/8 7/8 7/8 7	5/8 5/8 1/2 1/2 3/4 3/4 1/2 5/8 5/8 7/8 5/8 5/8 5/8 6 5/8 6 6 6 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8	5 5 41/4 41/4 2 ^ 55/6 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 3 ^ 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7
364T 364TS 365TS 404T 405T 404T 405T 405U 444T 447TS 447TS 5 Dimens the above the property of	9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11 11 11	14 14 14 14 16 16 16 16 18 18 18 18 18 18 18 18	12½ 11½ 12¼ 12¼ 11¼ 12¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 14½ 16½ 14½ 16½ 25 25 grid mo	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2 71/2 71/2 71/2 71/2 71/2	<sup>21</sup> / <sub>32</sub> dia. <sup>13</sup> / <sub>16</sub> dia. <sup>13</sup> / <sub>16</sub> dia. <sup>13</sup> / <sub>16</sub> dia. han	63/8 63/8 55/8 55/8 33/4 ^ 71/4 71/4 41/4 ^ 71/8 81/2 81/2 43/4 ^ 85/8 85/8 85/8 81/2 43/4 ^ 85/8 85/8 85/8 85/8 85/8 85/8	21/6 23/6 17/8 ^ 17/6 ^ 21/6 ^ 21/6 ^ 21/6 ^ 23/6 23/6 33/6 33/6 33/6 24/6 ^ 24/6 ^ 24	61/8 57/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 61/8 81/4 41/2 ^ 41/2 ^ 83/8 83/8 81/4 41/2 ^ v/ton 56/1 nd slots 15T mod	1/2 1/2 5/8 5/8 5/8 5/8 5/8 1/2 1/2 1/2 1/2 5/8 5/8 5/8 7/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5	5/8 5/8 1/2 1/2 3/4 3/4 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 55/6 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 3 ^ 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7
364T 364TS 365TS 404T 404T 405T 404TS 405TS 405TS 444TS, 447TS 445TS 45TS	9 9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11 11 11	14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 11¼ 12¼ 13¾ 12¼ 13¾ 12¼ 13¾ 14½ 16½ 16½ 16½ 25 ever be grigid mo that shi nd 365U	57/8 57/8 57/8 57/8 57/8 57/8 65/8 65/8 65/8 65/8 65/8 65/8 65/8 71/2 71/2 71/2 71/2 71/2 71/2 71/2 71/2	21/ <sub>32</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han tors, 00 1/ <sub>32</sub> 13/ <sub>16</sub>	63/8 63/8 55/8 55/8 33/4 ^ 71/4 71/4 41/4 ^ 71/8 81/2 81/2 43/4 ^ 85/8 85/8 85/8 81/2 43/4 ^ 85/8 85/8 85/8 85/8 85/8 85/8	21/6 23/6 17/8 ^ 17/6 ^ 21/6 ^ 21/6 ^ 21/6 ^ 23/6 23/6 33/6 33/6 33/6 24/6 ^ 24/6 ^ 24	61/8 57/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 61/8 81/4 41/2 ^ 41/2 ^ 83/8 83/8 81/4 41/2 ^ v/ton 56/1 nd slots 15T mod	1/2 1/2 5/8 5/8 5/8 5/8 5/8 1/2 1/2 1/2 1/2 5/8 5/8 5/8 7/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5	5/8 5/8 1/2 1/2 3/4 3/4 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 55/6 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 3 ^ 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7
364T 364TS 365TS 365TS 404T 405T 404TS 405TS 404TS 405TS 404TS 405TS 404TS 447TS 444TS 447TS 447TS 444TS 447TS 447	9 9 9 9 9 9 9 9 10 10 10 10 10 11 11 11 11 11 11 11 11	14 14 14 14 16 16 16 16 16 18 18 18 18 18 will nees on ess so ess so esd du a ed for o	12½ 11¼ 12¼ 11¼ 12¼ 11¼ 12¼ 13¾ 12¼ 13¾ 12½ 13¾ 14½ 16½ 14½ 16½ 25 ever be grigid mo that shi nd 365L certain n	57/8 57/8 57/8 57/8 57/8 57/8 57/8 57/8	21/ <sub>32</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han lors, 0 1/ <sub>22</sub> 13/ <sub>16</sub>	63/8 63/8 55/8 55/8 33/4 ^ 71/4 71/4 41/4 ^ 71/8 81/2 81/2 43/4 ^ 85/8 85/8 85/8 81/2 43/4 ^ 85/8 85/8 85/8 85/8 85/8 85/8	21/6 23/6 17/8 ^ 17/6 ^ 21/6 ^ 21/6 ^ 21/6 ^ 23/6 23/6 33/6 33/6 33/6 24/6 ^ 24/6 ^ 24	61/8 57/8 57/8 31/2 ^ 7 7 7 4 ^ 4 ^ 67/8 61/8 81/4 41/2 ^ 41/2 ^ 83/8 83/8 81/4 41/2 ^ v/ton 56/1 nd slots 15T mod	1/2 1/2 5/8 5/8 5/8 5/8 5/8 1/2 1/2 1/2 1/2 5/8 5/8 5/8 7/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5	5/8 5/8 1/2 1/2 3/4 3/4 1/2 5/8 5/8 5/8 5/8 5/8 5/8 5/8 5/8	5 5 41/4 41/4 2 ^ 55/6 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 2 9/4 ^ 3 ^ 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 6 7/6 3 ^ 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 6 7/6 3 ^ 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7
364T 364TS 364TS 365TS 404T 405T 404TS 404TS 405TS 404TS 405U 445T 447TS 444TS 447TS 444TS 449T 449T 5000 445T 449T 449T 449T 449T 449T 449T 449T	9 9 9 9 9 9 9 9 100 101 101 101 111 111	14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	12½ 11½ 11½ 12½ 11½ 12½ 11½ 12½ 13¾ 12½ 13¾ 12½ 16½ 16½ 16½ 16½ 25 25 ever be grigid mo that shi nd 365L commons have	57/6 57/6 57/6 57/6 57/6 65/6 65/6 65/6	21/ <sub>32</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han tors, 00 1/ <sub>32</sub> 13/ <sub>16</sub>	63% 63% 63% 33¼ 7½ 7½ 4½ 4½ 4½ 43¼ 43¼ 8½ 83% 85% 85% 85% 85% 65% 65% 65% 65% 65% 65% 65% 65% 65% 6	2½ 2¾ 1½ ^ 1½ ^ 1½ ^ 2½ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½	6 % 5 % 3 ½ ^ 3 ½ ^ 7 7 4 ^ 4 ^ 6 % 6 % 8 ¼ 4 ½ ^ 4 ½ ^ 4 ½ ^ 5 5 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6	1/2 1/2 1/2 1/2 1/2 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 6me moto tch NEM dimensianotors haft	5 5 41/4 41/4 41/4 41/4 41/4 41/4 2 ^ 2 ^ 2 55/6 55/6 55/6 55/6 55/6 67/6 67/6 3 ^ 7 7 7 7 67/6 3 ^ 7 7 67/6 3 ^ 7 7 67/6 67/
364T 364TS 364TS 365TS 404T 405T 404TS 404TS 405TS 404TS 405U 445T 447TS 444TS 447TS 444TS 449T 449T 5000 445T 449T 449T 449T 449T 449T 449T 449T	9 9 9 9 9 9 9 9 100 101 101 101 111 111	14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 11¼ 12¼ 13¾ 12¼ 13¾ 12½ 13¾ 14½ 16½ 14½ 16½ 25 ever be grigid mo that shi nd 365L certain n	57/6 57/6 57/6 57/6 57/6 65/6 65/6 65/6	21/ <sub>32</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han lors, 0 1/ <sub>22</sub> 13/ <sub>16</sub>	63% 63% 63% 33¼ 7½ 7½ 4½ 4½ 4½ 43¼ 43¼ 8½ 83% 85% 85% 85% 85% 65% 65% 65% 65% 65% 65% 65% 65% 65% 6	2½ 2¾ 1½ ^ 1½ ^ 1½ ^ 2½ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½ ^ 2½	6 % 5 % 3 ½ ^ 3 ½ ^ 7 7 4 ^ 4 ^ 6 % 6 % 8 ¼ 4 ½ ^ 4 ½ ^ 4 ½ ^ 5 5 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 8 ¼ 4 ½ ^ 5 5 % 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 8 ¼ 4 ½ ^ 5 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6 % 6	1/2 1/2 1/2 1/2 1/2 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 6me moto tch NEM dimensianotors haft	5 5 41/4 41/4 41/4 41/4 41/4 41/4 2 ^ 2 ^ 2 55/6 55/6 55/6 55/6 55/6 67/6 67/6 3 ^ 7 7 7 7 67/6 3 ^ 7 7 67/6 3 ^ 7 7 67/6 67/
3641 36413 36513 36415 36518 4041 4051 40414 40515 40414 4050 4451 44718 44718 44718 4491 4491 4491 4491 4491 4491 4491 44	9 9 9 9 9 9 9 9 100 101 101 101 111 111	14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	12½ 11¼ 12¼ 11¼ 12¼ 12¼ 12¼ 12¼ 12¼ 12¼ 13¾ 14½ 16½ 16½ 16½ 25 ever be grigid mo that shi nd 365L corrs have 6—3" an	57/6 57/6 57/6 57/6 57/6 65/6 65/6 65/6	21/ <sub>52</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han lors, * 0 1/ <sub>52</sub> * - 5).	63% 63% 63% 63% 63% 75% 43% 75% 44% 44% 45% 65% 85% 85% 85% 85% 85% 85% 85% 85% 85% 8	2 ½ 2 ½ 2 ½ 1 ½ 6 ½ 1 ½ 6 ½ 1 ½ 6 ½ 2 ½ 2 ½ 2 ½ 6 ½ 6 ½ 2 ½ 6 ½ 6 ½ 2 ½ 6 ½ 6	6 % 5 % 5 % 3 ½ ^ 7 7 3 ½ ^ 4 ^ 4 ^ 4 ^ 6 % 8 ½ 4 ½ ^ 7 7 7 6 % 8 ½ 4 ½ ^ 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1/2 1/2 1/2 1/2 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	5 5 41/4 41/4 41/4 41/4 41/4 41/4 2 ^ 2 ^ 2 55/6 55/6 55/6 55/6 55/6 67/6 67/6 3 ^ 7 7 7 7 67/6 3 ^ 7 7 67/6 3 ^ 7 7 67/6 67/
364T 365TS 404TS 365TS 404TS 405TS 405U 444T 545TS 444TS 445TS 445TS 545TS 56TS 56TS 64TS 56TS 64TS 64TS 64TS 64TS 64TS 64TS 64TS 6	9 9 9 9 9 9 9 9 9 10 10 10 11 11 11 11 11 11 11 11 11 11	14 14 14 14 14 16 16 16 16 16 18 18 18 18 18 18 18 19 will ne ess so 364U a ad dor dor do 9 holes	12½ 11½ 11½ 12½ 11½ 12½ 11½ 12½ 13¾ 12½ 13¾ 12½ 16½ 16½ 16½ 16½ 25 25 ever be grigid mo that shi nd 365L commons have	57/6 57/6 57/6 57/6 57/6 65/6 65/6 65/6	21/ <sub>32</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  13/ <sub>16</sub> dia.  han lors, 0 1/ <sub>22</sub> 13/ <sub>16</sub>	63% 63% 63% 57% 57% 57% 47% 47% 47% 47% 47% 47% 47% 47% 47% 4	2 ½ 2 ½ 2 ½ 2 ½ 2 ½ 2 ½ 2 ½ 2 ½ 2 ½ 2 ½	6 % 5 % 5 % 3 ½ ^ 3 ½ ^ 7 7 7 7 4 ^ 4 ^ 4 ^ 6 % 8 ½ 4 ½ ^ 4 ½ ^ 8 % 8 ½ 6 % 8 ½ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1	1/2 1/2 1/2 1/2 1/2 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	5 5 41/4 41/4 41/4 41/4 41/4 41/4 2 ^ 2 ^ 2 55/6 55/6 55/6 55/6 55/6 67/6 67/6 3 ^ 7 7 7 7 67/6 3 ^ 7 7 67/6 3 ^ 7 7 67/6 67/
3641 36413 36513 36415 36518 4041 4051 40415 4051 4041 4050 4441 4451 4471 4471 4471 4471 4471 4471	9 9 9 9 9 9 9 9 100 101 101 101 111 111	14 14 14 14 14 16 16 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	12½ 11½ 12½ 11½ 12½ 11½ 12½ 12½ 12½ 12½	57/6 57/6 57/6 57/6 57/6 65/6 65/6 65/6	21/ <sub>52</sub> dia.  13/ <sub>16</sub> dia.	63% 63% 63% 57% 57% 57% 47% 47% 47% 47% 47% 47% 47% 47% 47% 4	2 ½ 2 ½ 2 ½ 1 ½ 6 ½ 1 ½ 6 ½ 1 ½ 6 ½ 2 ½ 2 ½ 2 ½ 6 ½ 6 ½ 2 ½ 6 ½ 6 ½ 2 ½ 6 ½ 6	6 % 5 % 5 % 3 ½ ^ 3 ½ ^ 7 7 7 7 4 ^ 4 ^ 4 ^ 6 % 8 ½ 4 ½ ^ 4 ½ ^ 8 % 8 ½ 6 % 8 ½ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1 £ 1	1/2 1/2 1/2 1/2 1/2 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	5 5 41/4 41/4 41/4 41/4 41/4 41/4 2 ^ 2 ^ 2 55/6 55/6 55/6 55/6 55/6 67/6 67/6 3 ^ 7 7 7 7 67/6 3 ^ 7 7 67/6 3 ^ 7 7 67/6 67/

## **NEMA Letter Designations Following Frame Number**

- C: Face-mount; see this page.
- H: Designated 56H motors have 2 sets of 2F mounting holes—3" and 5".
- J: Face-mount for jet pumps; see this page for dimensions.
- K: Has hub for sump pump mounting; see column at left for dimensions.
- M, N: Flange mount for oil burner; see page 59.

- T, U: Integral HP motor dimension standards set by NEMA in 1964 and 1953.
- V: Vertical mount.
- Y: Nonstandard mounting; see manufacturer's drawing for mounting dimensions.
- Z: Nonstandard shaft (N-W+U dimensions); see manufacturer's drawing for shaft dimensions.