Find Motor Selection Guidelines on pg. 3, or use MotorMatch® at grainger.com/motors

No. 2NKY8

No. 20CL65

Dayton NEMA Premium

3-Phase Open Dripproof Rigid Base Motors

- Rotation: CW/CCW
- Thermal protection: none
- Voltage: 230/460
- Insulation: Class F motors have Class B temperature rise for longer life
- Inverter rated
- Bearings: ball
- Max. ambient temp.: 40°C
- Usable at 208V

143-5T/56HZ frames have ⅞" x 2¼" shaft and base bolt-hole configuration to match 56, 56H, 143T, and 145T. Steel frame. All models are suitable for clean, dry, nonhazardous applications with pumps, ventilation equipment, machine tools, and other industrial equipment. UL Recognized and CSA Certified or UL Recognized for US and Canada.

HP	Nameplate RPM	Frame	Full Load Amps	Service Factor	Ins. Class	Nom. Efficiency	Overall Length	Item No.	
NEMA Premium Efficient									
1	1760	143-5T/56HZ	3.2-3.1/1.6	1.15	F	85.5%	12 13/16"	**2NKX3**	*
	1770	182/4	2.7/1.3	1.15	F	85.5%	14¼"	**36VE91**	*†
	1165	143-5T/56HZ	4.0/2.0	1.15	F	82.5%	14 1/16"	**2NKX5**	*
	1170	182/4	2.5/1.2	1.15	F	82.5%	13½"	**36VE93**	*†
1½	3525	143-5T/56HZ	3.8/1.9	1.15	F	84.0%	12 13/16"	**2NKY4**	*
	3530	182/4	4.1/2.0	1.15	F	84.0%	13½"	**36VE97**	*†
	1760	56H	4.2/2.1	1.15	F	86.5%	13 1/16"	**31LH33**	†
	1750	143-5T/56HZ	4.3/2.1	1.15	F	86.5%	12 13/16"	**2NKX7**	*
	1770	182/4	4.1/2.0	1.15	F	86.5%	13½"	**36VE92**	*†
	1170	182/4	4.6/2.3	1.15	F	86.5%	14¼"	**36VE94**	*†
	1165	182/4T	4.5/2.2	1.15	F	86.5%	13½"	**36VF34**	*†
2	3510	56H	5.3/2.7	1.15	F	85.5%	12 1/16"	**31LH34**	†
	3515	143-5T/56HZ	5.0/2.5	1.15	F	85.5%	12 13/16"	**2NKX9**	*
	3520	182/4	5.1/2.2	1.15	F	85.5%	13½"	**36VE98**	*†
	1745	143-5T/56HZ	5.6/2.8	1.15	F	86.5%	12 13/16"	**2NKY2**	*
	1750	182/4	6.2/3.1	1.15	F	86.5%	13⅛"	**2N982**	*†
	1165	182/4T	5.9/2.9	1.15	F	87.5%	14¾"	**36VF35**	*†
	1170	213/5	6.2/3.1	1.15	F	88.5%	16 13/16"	**2N990**	*†
3	3490	143-5T/56HZ	7.4/3.7	1.15	F	85.5%	12 13/16"	**2NKY6**	*
	3445	182/4	7.8/3.9	1.15	F	85.5%	13½"	**36VE99**	*†
	1760	143-5T/56HZ	8.1/4.0	1.15	F	90.2%	16⅛"	**41D773**	*†
	1770	182/4T	7.8/3.9	1.15	F	89.5%	14"	**2NKY8**	*
	1740	213/5	7.9/3.9	1.15	F	89.5%	16 13/16"	**2N983**	*†
	1180	213/5	8.6/4.4	1.15	F	88.5%	16 3/16"	**36VE95**	*†
	1175	213/5T	8.3/4.1	1.15	F	88.5%	16⅝"	**36VF36**	*†
5	3520	182/4T	12.2/6.1	1.15	F	86.5%	14¾"	**36VF37**	*†
	3550	213/5	12.0/6.0	1.15	F	86.5%	16 3/16"	**36VF01**	*†
	1760	182/4T	12.7/6.3	1.15	F	89.5%	16⅜"	**36VF38**	*†
	1740	213/5	12.7/6.4	1.15	F	89.5%	16 13/16"	**2N984**	*†
	1175	213/5T	13.4/6.7	1.15	F	89.5%	16"	**36VF39**	*†
	1180	254/6U	14.6/7.3	1.15	F	89.5%	20¼"	**36VE96**	*†
7½	3500	182/4T	17.3/8.6	1.15	F	88.5%	15 3/16"	**36VF40**	*†
	3540	213/5	17.8/8.9	1.15	F	88.5%	16 3/16"	**36VF02**	*†
	1770	213/5T	18.5/9.2	1.15	F	91.0%	16⅝"	**36VF41**	*†
	1770	254/6U	18.8/9.4	1.15	F	91.0%	21 13/16"	**2N985**	*†
	1175	254/6T	20.4/10.2	1.15	F	90.2%	20½"	**36VF06**	*†
10	3535	213/5T	23.3/11.6	1.15	F	89.5%	16"	**36VF42**	*†
	3540	254/6U	23.4/11.7	1.15	F	89.5%	20¼"	**36VF03**	*†
	1770	213/5T	24.8/12.4	1.15	F	91.7%	17¾"	**36VF43**	*†
	1770	254/6U	25.7/12.9	1.15	F	91.7%	21 13/16"	**2N986**	*†
	1180	254/6T	27.8/13.9	1.15	F	91.7%	20½"	**36VF07**	*†
15	3530	213/5T	34.0/17.0	1.15	F	90.2%	18 15/16"	**36VF44**	*†
	1770	254/6T	36.4/18.2	1.15	F	93.0%	22½"	**4GZC4**	*
	1175	284/6T	38.3/19.1	1.15	F	91.7%	25⅜"	**4GZC5**	*†
20	3530	254/6T	44.7/22.3	1.15	F	91.0%	20½"	**36VF08**	*†
	1770	254/6T	48.5/24.3	1.15	F	93.0%	22½"	**4GZC7**	*
	1175	284/6T	49.4/24.7	1.15	F	93.0%	25⅜"	**4GZC8**	*†
25	3530	254/6T	58.2/29.1	1.15	F	91.7%	20½"	**36VF09**	*†
	1765	284/6T	58.8/29.4	1.15	F	93.6%	25⅜"	**4GZD1**	*
30	1770	284/6T	69.4/34.7	1.15	F	94.1%	25⅜"	**4GZD4**	*
40	3535	284/6TS	89.6/44.8	1.15	F	92.4%	24"	**4GZD6**	*
	1180	364T	97.0/48.5	1.15	F	94.1%	31 1/16"	**4GZD8**	
50	3560	324TS	113/56.5	1.15	F	93.0%	27 1/16"	**4GZD9**	
	1780	326T	118.0/59	1.15	F	94.5%	28 9/16"	**4GZE1**	
Premium Efficient									
¼	1725	48	1.0/0.50	1.35	B	69.5%	10⅜"	**20CL67**	*‡
	1725	56	1.0/0.55	1.35	B	69.5%	10¾"	**20VD21**	*‡
	1140	56	1.2/0.60	1.35	B	67.5%	11 3/16"	**31TT09**	*‡
⅓	3450	48	1.4/0.70	1.35	B	69.5%	9 5/16"	**20CL65**	*‡
	1725	48	1.2/0.60	1.35	B	73.4%	10⅞"	**20CL68**	*‡
	1725	56	1.2/0.60	1.35	B	73.4%	11¼"	**20VD22**	*‡
	1140	56	1.4/0.70	1.35	B	71.4%	12"	**31TT10**	*‡
½	3450	48	1.8/0.90	1.25	B	73.4%	9 7/16"	**20CL66**	*‡
	3450	56	1.8/0.90	1.25	B	73.4%	10"	**20VD23**	*‡
	1725	56	1.7/0.85	1.25	B	78.2%	11⅛"	**31TT08**	*‡
	1140	56	2.8/1.4	1.25	B	75.3%	11 1/16"	**31TT11**	*‡
¾	1725	56	2.5/1.3	1.25	B	81.1%	11 5/16"	**31TT14**	*‡
	1140	56H	3.5/1.8	1.25	B	81.7%	14"	**31TT16**	*‡
1	3450	56	3.0/1.5	1.15	B	77.0%	10 3/16"	**30PT92**	*‡
	1725	56	3.0/1.5	1.15	B	83.5%	11 1/16"	**31TT12**	*‡
	1760	56H	3.14/1.57	1.15	F	83.5%	11½"	**31LH31**	†‡
	1725	56H	3.0/1.5	1.15	B	83.5%	11 1/16"	**31TT15**	*‡
1½	3450	56	4.2/2.1	1.15	B	84.0%	11 3/16"	**30PT93**	*‡
	3510	56H	3.7/1.85	1.15	F	84.0%	11⅞"	**31LH32**	†‡
	1725	56H	4.7/2.4	1.15	B	86.5%	13 7/16"	**31TT13**	*‡
2	3450	56H	5.4/2.7	1.15	B	85.5%	12 1/16"	**31TT07**	*‡
	1725	56H	6.0/3.0	1.15	B	86.5%	13 7/16"	**31TT22**	*‡
3	1735	56H	8.1/4.0	1.15	F	86.9%	13 1/16"	**31LH35**	†‡

** 60/50 Hz. † Usable at 200V at 1.0 SF. ‡ Complies with 2015 efficiency legislation for small-frame motors; see page 5 for more information.*

No. 14R028

No. 41D790

AEGIS® SGR BEARING PROTECTION RING

Looking for Shaft Grounding Rings?

Help extend motor life by safely diverting harmful VFD-induced shaft voltages away from motor's bearings to ground. Protect both motor bearings and the bearings in attached equipment.

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