HP	Nameplate RPM	Frame	Full Load Amps	Nom. Eff.	Overall Length	Brand	Mfr. Model	Item No.
Rigid Base-Mount								
1	1,760	143T	1.50	85.5 %	13½ in	Weg	00118ST3QIE143T-W22	**6AGU1**
1½	3,480	143T	1.90	84 %	13½ in	Weg	00156ST3QIE143T-W22	**6AGU3**
	1,755	145T	2.00	86.5 %	13½ in	Weg	00158ST3QIE145T-W22	**6AGU4**
	1,170	182T	2.6	87.5 %	15 13/16 in	Weg	00152ST3QIE182T-W22	**6AGU5**
2	1,755	145T	2.8	86.5 %	13½ in	Weg	00218ST3QIE145T-W22	**6AGU7**
3	3,510	182T	3.6	86.5 %	15 13/16 in	Weg	00336ST3QIE182T-W22	**6AGU9**
	1,760	182T	3.9	89.5 %	15 13/16 in	Weg	00318ST3QIE182T-W22	**6AGV0**
5	3,485	184T	5.9	88.5 %	15 13/16 in	Weg	00536ST3QIE184T-W22	**6AGV2**
	1,755	184T	6.5	89.5 %	15 13/16 in	Weg	00518ST3QIE184T-W22	**6AGV3**
	1,755	184T	6.5	90.2 %	16 3/16 in	Marathon	184THFCD9026	**19RV10**
7½	1,170	215T	6.8	89.5 %	19 9/16 in	Weg	00512ST3QIE215T-W22	**6AGV4**
	3,520	213T	8.8	89.5 %	19 9/16 in	Weg	00736ST3QIE213T-W22	**6AGV5**
	1,765	213T	9.2	91.7 %	19 9/16 in	Weg	00718ST3QIE213T-W22	**6AGV6**
	1,175	254T	9.5	91 %	24 15/16 in	Weg	00712ST3QIE254T-W22	**6AGV7**
10	3,510	215T	11.6	90.2 %	19 9/16 in	Weg	01036ST3QIE215T-W22	**6AGV8**
	1,765	215T	12.4	91.7 %	19 9/16 in	Weg	01018ST3QIE215T-W22	**6AGV9**
	1,180	256T	12.9	91 %	24 15/16 in	Weg	01012ST3QIE256T-W22	**6AGW0**
15	3,545	254T	17.8	93.6 %	24 1/8 in	Marathon	254THFCD9001	**19RV24**
	3,530	254T	17.2	91 %	24 15/16 in	Weg	01536ST3QIE254T-W22	**6AGW1**
	1,772	254T	18.8	91.7 %	24 1/8 in	Marathon	254THFCD9026	**19RV25**
	1,765	254T	18.0	92.4 %	24 15/16 in	Weg	01518ST3QIE254T-W22	**6AGW2**
	875	286T	22.0	94.1 %	27 11/16 in	Marathon	286THFNA19101	**19RV44**
20	3,540	256T	23.7	91.7 %	25 7/8 in	Marathon	256THFCD9001	**19RV31**
	3,520	256T	23.2	91 %	24 15/16 in	Weg	02036ST3QIE256T-W22	**6AGW4**
	1,768	256T	24.2	91.7 %	25 7/8 in	Marathon	256THFCD9026	**19RV32**
	1,765	256T	24.1	93 %	24 15/16 in	Weg	02018ST3QIE256T-W22	**6AGW5**
	1,175	286T	24.2	91.7 %	27 15/16 in	Weg	02012ST3QIE286T-W22	**6AGW6**
25	1,772	284T	30.0	93.6 %	26 9/16 in	Marathon	284THFCD9026	**19RV38**
	1,765	284T	29.5	93.6 %	27 15/16 in	Weg	02518ST3QIE284T-W22	**6AGW8**
30	3,535	286TS	33.8	91.7 %	26 9/16 in	Weg	03036ST3QIE286TS-W22	**6AGX0**
	1,770	286T	35.5	94.1 %	28 1/8 in	Marathon	286THFCD9026	**19RV45**
	1,760	286T	35.1	93.6 %	27 15/16 in	Weg	03018ST3QIE286T-W22	**6AGX1**
	1,180	326T	35.8	93 %	31 1/8 in	Weg	03012ST3QIE326T-W22	**6AGX2**
40	1,782	324T	47.5	94.5 %	29 7/8 in	Marathon	324THFCD9026	**19RV49**
	1,770	324T	47.1	94.1 %	31 1/8 in	Weg	04018ST3QIE324T-W22	**6AGX4**
	1,185	364/5T	46.5	94.1 %	34 7/16 in	Weg	04012ST3QIE364T-W22	**6AGX5**
50	3,550	326TS	56.1	93 %	29 9/16 in	Weg	05036ST3QIE326TS-W22	**6AGX6**
	1,775	326T	59.2	94.5 %	31 1/8 in	Weg	05018ST3QIE326T-W22	**6AGX7**
	1,180	364/5T	57.4	94.1 %	34 7/16 in	Weg	05012ST3QIE365T-W22	**6AGX8**
60	3,600	364/5TS	67.0	93.6 %	32 5/16 in	Weg	06036ST3QIE364TS-W22	**15G077**
75	3,600	364/5TS	81.9	93.6 %	32 5/16 in	Weg	07536ST3QIE365TS-W22	**15G079**
100	3,600	404/5TS	110.0	94.1 %	36 3/4 in	Weg	10036ST3QIE405TS-W22	**15G082**
	1,800	404/5T	111.0	95.4 %	39 3/4 in	Weg	10018ST3QIERB405T-W2	**15G081**
Face/Base-Mount								
25	3,535	284TS	28.5	91.7 %	26 9/16 in	Weg	02536ST3QIE284TS-W22	**6AGW7**
30	1,760	286TC	35.1	93.6 %	27 15/16 in	Weg	03018ST3QIE286TC-W22	**12N948**
C-Face, Base-Mount								
1	1,760	143TC	1.50	85.5 %	13½ in	Weg	00118ST3QIE143TC-W22	**12N928**
	1,160	145TC	1.70	82.5 %	13½ in	Weg	00112ST3QIE145TC-W22	**12N929**
1½	1,755	145TC	2.00	86.5 %	13½ in	Weg	00158ST3QIE145TC-W22	**12N930**
	1,170	182TC	2.6	87.5 %	15 13/16 in	Weg	00152ST3QIE182TC-W22	**12N931**
2	1,755	145TC	2.8	86.5 %	13½ in	Weg	00218ST3QIE145TC-W22	**12N932**
	1,170	184TC	3.2	88.5 %	15 13/16 in	Weg	00212ST3QIE184TC-W22	**12N933**
3	1,760	182TC	3.9	89.5 %	15 13/16 in	Weg	00318ST3QIE182TC-W22	**12N934**
	1,175	213TC	4.4	89.5 %	19½ in	Weg	00312ST3QIE213TC-W22	**12N935**
5	1,755	184TC	6.5	89.5 %	15 13/16 in	Weg	00518ST3QIE184TC-W22	**12N936**
	1,170	215TC	6.8	89.5 %	19 9/16 in	Weg	00512ST3QIE215TC-W22	**12N937**

6AGW5

Severe-Duty 3-Phase IEEE 841 NEMA Premium Efficient Motors

- Enclosure: totally enclosed fan-cooled
- Rotation: CW/CCW
- Thermal protection: none
- 460V
- Service factor: 1.25 for Weg; 1.15 for Marathon
- Insulation: Weg are Class F with B temp. rise for longer life; Marathon are H (except 19RV44 is F)
- Inverter rated
- Frame material: cast-iron
- Bearings: ball
- Max. ambient temp.: 40°C

Designed for dusty, dirty, nonhazardous applications, and especially suited for pulp, paper, and steel mills, petrochemical, and applications requiring severe-duty long-life motors. Internal and external corrosion-resistant finish with stainless steel nameplate. Nonsparking fan. Weg motors feature Inpro-seal on drive end, and 50,000-hr. extended bearing life. All meet or exceed IEEE 841-2009 specification and all NEMA Premium/CEE requirements for energy efficiency.

HP	Nameplate RPM	Frame	Full Load Amps	Nom. Eff.	Overall Length	Brand	Mfr. Model	Item No.
7½	1,765	213TC	9.2	91.7 %	19 9/16 in	Weg	00718ST3QIE213TC-W22	**12N938**
	1,175	254TC	9.5	91 %	24 15/16 in	Weg	00712ST3QIE254TC-W22	**12N939**
10	1,765	215TC	12.4	91.7 %	19 9/16 in	Weg	01018ST3QIE215TC-W22	**12N940**
	1,175	256TC	12.9	91 %	24 15/16 in	Weg	01012ST3QIE256TC-W22	**12N941**
15	1,800	254TC	18.0	92.4 %	24 15/16 in	Weg	01518ST3QIE254TC-W22	**12N942**
	1,200	284TC	17.9	91.7 %	27 15/16 in	Weg	01512ST3QIE284TC-W22	**12N943**
20	1,765	256TC	24.1	93 %	24 15/16 in	Weg	02018ST3QIE256TC-W22	**12N944**
	1,175	286TC	24.2	91.7 %	27 15/16 in	Weg	02012ST3QIE286TC-W22	**12N945**
25	1,765	284TC	29.5	93.6 %	27 15/16 in	Weg	02518ST3QIE284TC-W22	**12N946**
	1,175	324TC	30.4	93 %	31 1/8 in	Weg	02512ST3QIE324TC-W22	**12N947**
30	1,180	326TC	35.8	93 %	31 1/8 in	Weg	03012ST3QIE326TC-W22	**12N949**

1-Phase Hazardous Location Motors

- Enclosure: totally enclosed fan-cooled, except where noted
- Rotation: CW/CCW
- Thermal protection: auto
- Bearings: ball
- Max. ambient temp.: 40°C

Motors have sturdy rolled-steel frames and meet the National Electrical Code for hazardous locations. Unmounted conduit box is included with all 56-frame motors. Use to power fans, blowers, pumps, or air compressors in areas that meet the National Electrical Code for hazardous locations.

Note: For assistance with hazardous location classification, see page 6.

Rigid Base-Mount

Face-Mount

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Service Factor	Ins. Class	Length Less Shaft	Hazardous Loc. Class & Group	Mfr. Model	Item No.	
Rigid Base-Mount, Capacitor-Start											
¼	1,725	48	115/230V AC	4.2/2.1	1	B	9 1/8 in	1 D / 2 E,F,G	5KC36PNB169	**3K793**	*
	1,725	56	115/208-230V AC	4.8/2.3-2.4	1	B	10 in	1 C,D / 2 E,F,G	056C17E15503	**1TUL8**	*
	1,140	56	115/208-230V AC	6.8/3.4-3.1	1	B	12 in	1 C,D / 2 E,F,G	056C11G15502	**1TUL1**	
⅓	1,725	56	115/208-230V AC	6.6/3.3-3.1	1	B	11 ½ in	1 C,D / 2 E,F,G	056C17G15521	**1TUL9**	
	1,725	56	115/208-230V AC	6.6/3.3-3.1	1	B	11 7/16 in	1 C,D / 2 F,G	056C17G5315	**19RW60**	
	1,140	56	115/208-230V AC	7.8/3.9-3.6	1	B	12 in	1 C,D / 2 E,F,G	056C11G15503	**1TUL2**	
½	1,725	56	115/208-230V AC	8.8/4.4-4.2	1	B	12 in	1 C,D / 2 E,F,G	056C17G15523	**1TUN1**	
	1,725	56	115/208-230V AC	8.8/4.4-4.2	1	B	12 1/16 in	1 C,D / 2 E,F,G	056C17G15556	**54YJ61**	
¾	3,450	56	115/208-230V AC	10.6/5.3-5.3	1	B	12 in	1 C,D / 2 E,F,G	056C34G15517	**1TUN6**	
	1,725	56	115/208-230V AC	11.0/5.5-5.4	1	B	12 ½ in	1 C,D / 2 E,F,G	056C17G15525	**1TUN2**	
1	1,725	56H	115/208-230V AC	13.4/6.8-6.7	1	B	12 ⅛ in	1 C,D / 2 E,F,G	056C17G15527	**1TUN3**	
Rigid Base-Mount, Capacitor-Start/Run											
½	1,140	56	115/208-230V AC	9.6/4.8-4.7	1	B	12 15/16 in	1 C,D / 2 F,G	056B11G5301	**19RW56**	
1½	1,725	56H	208-230V AC	8.1-7.8	1	B	14 ⅛ in	1 C,D / 2 E,F,G	056B17G15506	**1TUL6**	
Rigid Base-Mount, Split-Phase											
¼	1,725	56	115V AC	5.4	1	B	10 in	1 C,D / 2 E,F,G	056S17E15501	**1TUP2**	*
Face/Base-Mount, Capacitor-Start											
⅓	1,725	56C	115/208-230V AC	6.6/3.3-3.1	1	B	11 ⅜ in	1 C,D / 2 F,G	056C17G5324	**2NKY9**	
½	1,725	56C	115/208-230V AC	8.8/4.4-4.2	1.15	F	11 ⅞ in	1 C,D / 2 F,G	056C17G5328	**2NKZ1**	
¾	3,450	56C	115/208-230V AC	10.6/5.3-5.3	1	B	11 ⅞ in	1 C,D / 2 F,G	056C34G5314	**2NKZ2**	
	1,725	56C	115/208-230V AC	11.0/5.5-5.4	1	B	12 ⅜ in	1 C,D / 2 F,G	056C17G5326	**2NKZ3**	
1	1,725	56C	115/208-230V AC	13.4/6.8-6.7	1	B	12 ⅜ in	1 C,D / 2 F,G	056C17G5327	**2NKZ4**	
Face-Mount, Capacitor-Start											
¼	1,140	56CZ	115/208-230V AC	6.8/3.4-3.1	1	B	11 ⅞ in	1 C,D / 2 E,F,G	056C11G15504	**1TUL4**	‡
⅓	1,725	56C	115/208-230V AC	6.6/3.3-3.1	1	B	11 ⅜ in	1 C,D / 2 E,F,G	056C17G15526	**1TUN8**	
½	1,725	56C	115/208-230V AC	8.8/4.4-4.2	1	B	11 ⅞ in	1 C,D / 2 E,F,G	056C17G15524	**1TUN9**	
¾	1,725	56C	115/208-230V AC	11.0/5.5-5.4	1	B	12 ⅜ in	1 C,D / 2 E,F,G	056C17G15530	**1TUP1**	
1	1,725	56C	115/208-230V AC	13.4/6.8-6.7	1	B	12 ⅜ in	1 C,D / 2 E,F,G	056C17G15516	**1TUK8**	

** Totally enclosed nonventilated. ‡ Shaft is ⅝" x 2¼".*

IMPORTANT MOTOR INFORMATION | Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.