

# AC MOTORS



Using the latest technology, WEG develops quality products to meet the most demanding industrial applications. WEG is a familiar name in industries such as mining, rock quarries, cement, asphalt, steel manufacturing, food processing, power generation, heating and ventilation, and water and waste water treatment. WEG's many product lines each offer the highest levels of technology, efficiency, and protection. Many WEG electric motors offer such levels of energy efficiency that a new Weg motor pays for itself in about one year of continuous operation in many production environments.

## Available Product Offering:

- [FRACTIONAL HP](#)
- [NEMA SEVERE DUTY EISA COMPLIANT](#)
- [PUMP MOTORS](#)
- [FARM DUTY](#)
- [EXPLOSION PROOF](#)
- [CRUSHERDUTY®](#)
- [STAINLESS STEEL](#)

## Fractional, Single-Phase

from  
**\$135**



1/8 to  
3HP

Fractional motors have a wide range of applications, including: pumps, HVAC, farm equipment, conveyors, and packaging machinery. Because of their high starting torque, they are particularly well-suited to heavy starting loads.

### ODP Features:

- 2-, 4-, or 6-pole, 60Hz
- 115/208-230
- Starting Capacitor
- High Starting Torque
- Service Factor 1.15 or better
- Ball Bearings
- Class B Insulation (130°C)
- Continuous Duty, 40°C
- **18 Month Warranty**

## NEMA 48/56 Frame, 115/208-230V, 1PH, Open Drip Proof

HP	RPM	F.L. Amps	Weight (lbs)	Frame Size	Rigid Base	Price	C-face w/ Rigid Base	Price	C-face Footless	Price
1/8	3600	3.2/1.8-1.6	17	48(C)	-	-	.1236OS1BB48C	<b>\$149</b>	-	-
	1800	3.2/1.8-1.6	17	48(C)	.1218OS1BB48	<b>\$135</b>	.1218OS1BB48C	<b>\$147</b>	-	-
1/6	3600	3.2/1.8-1.6	17	48(C)	.1636OS1BB48	<b>\$144</b>	.1636OS1BB48C	<b>\$156</b>	-	-
	1800	3.8/2.1-1.9	19	48(C)	.1618OS1BSPB48*	<b>\$148</b>	.1618OS1BSPB48C*	<b>\$161</b>	-	-
1/4	1800	3.8/2.1-1.9	17	48(C)	.1618OS1BB48	<b>\$139</b>	.1618OS1BB48C	<b>\$152</b>	-	-
	3600	3.8/2.1-1.9	19	48(C)	.2536OS1BB48	<b>\$146</b>	.2536OS1BB48C	<b>\$158</b>	-	-
	3600	3.8/2.1-1.9	19	56(C)	.2536OS1B56	<b>\$146</b>	.2536OS1B56C	<b>\$158</b>	-	-
	1800	4.8/2.7-2.4	20	48(C)	.2518OS1BSPB48*	<b>\$157</b>	.2518OS1BSPB48C*	<b>\$170</b>	-	-
	1800	4.8/2.7-2.4	19	48(C)	.2518OS1BB48	<b>\$140</b>	.2518OS1BB48C	<b>\$153</b>	-	-
	1800	4.8/2.7-2.4	19	56(C)	.2518OS1B56	<b>\$140</b>	.2518OS1B56C	<b>\$153</b>	-	-
1/3	3600	5.2/2.9-2.6	22	56(C)	.3336OS1BC56	<b>\$147</b>	.3336OS1BC56C	<b>\$160</b>	.3336OS1BC56CFL	<b>\$160</b>
	3600	5.2/2.9-2.6	22	48(C)	.3336OS1BC48	<b>\$147</b>	.3336OS1BC48C	<b>\$160</b>	-	-
	1800	6.0/3.3-3.0	22	48(C)	.3318OS1BSPC48*	<b>\$168</b>	.3318OS1BSPC48C*	<b>\$181</b>	-	-
	1800	6.0/3.3-3.0	22	56(C)	.3318OS1BC56**	<b>\$156</b>	.3318OS1BC56C	<b>\$168</b>	.3318OS1BC56CFL	<b>\$168</b>
1/2	1800	6.0/3.3-3.0	22	48(C)	.3318OS1BC48	<b>\$156</b>	.3318OS1BC48C	<b>\$168</b>	-	-
	3600	6.8/3.8-3.4	24	56(C)	.5036OS1BC56	<b>\$159</b>	.5036OS1BC56C	<b>\$172</b>	.5036OS1BC56CFL	<b>\$172</b>
	3600	6.8/3.8-3.4	24	48(C)	.5036OS1BC48	<b>\$156</b>	.5036OS1BC48C	<b>\$168</b>	-	-
	1800	7.8/4.3-3.9	24	48(C)	.5018OS1BSPC48*	<b>\$180</b>	.5018OS1BSPC48C*	<b>\$192</b>	-	-
	1800	7.8/4.3-3.9	24	56(C)	.5018OS1BC56**	<b>\$171</b>	.5018OS1BC56C	<b>\$184</b>	.5018OS1BC56CFL	<b>\$184</b>
	1800	7.8/4.3-3.9	24	48(C)	.5018OS1BC48	<b>\$176</b>	-	-	-	-
3/4	3600	11.0/6.1-5.5	32	56(C)	.7536OS1BB56	<b>\$177</b>	.7536OS1BB56C	<b>\$190</b>	.7536OS1BB56CFL	<b>\$190</b>
	1800	11.0/6.1-5.5	36	56(C)	.7518OS1BD56**	<b>\$208</b>	.7518OS1BD56C	<b>\$220</b>	.7518OS1BD56CFL	<b>\$220</b>
1	3600	14.0/7.7-7.0	36	56(C)	00136OS1BD56	<b>\$190</b>	00136OS1BD56C	<b>\$201</b>	00136OS1BD56CFL	<b>\$201</b>
	1800	14.0/7.7-7.0	39	56(C)	00118OS1BD56**	<b>\$223</b>	00118OS1BD56C	<b>\$236</b>	00118OS1BD56CFL	<b>\$236</b>
1 1/2	3600	18.0/10.0-9.0	40	56(C)	00156OS1BD56**	<b>\$211</b>	00156OS1BD56C	<b>\$223</b>	00156OS1BD56CFL	<b>\$223</b>
	1800	21.0/11.6-10.5	51	56(C)	00158OS1BF56**	<b>\$271</b>	00158OS1BF56C	<b>\$284</b>	00158OS1BF56CFL	<b>\$284</b>
2	3600	22.0/12.2-11.0	48	56(C)	00236OS1BF56	<b>\$254</b>	00236OS1BF56C	<b>\$267</b>	00236OS1BF56CFL	<b>\$267</b>
	1800	26.0/14.4-13.0	55	56(C)	00218OS1BG56	<b>\$318</b>	00218OS1BG56C	<b>\$331</b>	00218OS1BG56CFL	<b>\$331</b>
3	3600	30.0/16.6-15.0	53	56(C)	00336OS1BG56	<b>\$292</b>	00336OS1BG56C	<b>\$304</b>	00336OS1BG56CFL	<b>\$304</b>

\* Split phase motor

\*\* This rating also available with resilient base

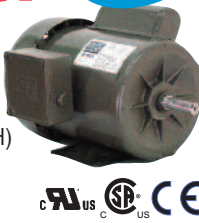
### Fractional, Single-Phase (cont'd)

from **\$167**

1/4 to 2HP

**TEFC Features:**

- 2-, 4-, or 6-pole, 60Hz
- 115/208-230
- Starting Capacitor (1PH)
- High Starting Torque
- Service Factor 1.15 or better
- Ball Bearings
- Class B Insulation (130°C)
- Continuous Duty, 40°C
- **18 Month Warranty**



### Fractional, Three-Phase

from **\$135**

1/4 to 3HP



**ODP Features:**

- 2-, 4-, or 6-pole, 60Hz
- 208-230/460VAC
- High Starting Torque
- Service Factor 1.15 or better
- Ball Bearings
- Class B Insulation (130°C)
- Continuous Duty, 40°C
- Meets NEMA MG-1 Part 31 for inverter use at:  
**Variable Torque 10:1**
- **18 Month Warranty**

from **\$156**

1/4 to 3HP



**TEFC Features:**

- 2-, 4-, or 6-pole, 60Hz
- 208-230/460VAC
- High Starting Torque
- Service Factor 1.15 or better
- Ball Bearings
- Class B Insulation (130°C)
- Continuous Duty, 40°C
- Meets NEMA MG-1 Part 31 for inverter use at:  
**Constant Torque 5:1**  
**Variable Torque 10:1**
- **18 Month Warranty**

### NEMA 56 Frame, 115/208-230V, 1PH, Totally Enclosed Fan Cooled

HP	RPM	F.L. Amps	Wt. (lbs)	Frame	Rigid Base	Price	C-face w/ Rigid Base	Price	C-face Footless	Price
1/4	3600	5.0/2.8-2.5	31	56	.2536ES1BB56	<b>\$167</b>	.2536ES1BB56C	<b>\$180</b>	-	-
	1800	4.6/2.5-2.3	33	56	.2518ES1BB56	<b>\$173</b>	.2518ES1BB56C	<b>\$185</b>	-	-
1/3	3600	5.6/3.1-2.8	36	56	.3336ES1BB56	<b>\$173</b>	.3336ES1BB56C	<b>\$185</b>	.3336ES1BB56CFL	<b>\$185</b>
	1800	6.0/3.3-3	36	56	.3318ES1BB56	<b>\$182</b>	.3318ES1BB56C	<b>\$194</b>	.3318ES1BB56CFL	<b>\$194</b>
1/2	3600	7.6/4.2-3.8	40	56	.5036ES1BB56	<b>\$183</b>	.5036ES1BB56C	<b>\$199</b>	.5036ES1BB56CFL	<b>\$199</b>
	1800	7.8/4.3-3.9	41	56	.5018ES1BB56	<b>\$199</b>	.5018ES1BB56C	<b>\$211</b>	.5018ES1BB56CFL	<b>\$211</b>
	1200	9.8/5.4-4.9	41	56	.5012ES1BD56	<b>\$312</b>	.5012ES1BD56C	<b>\$326</b>	.5012ES1BD56CFL	<b>\$326</b>
3/4	3600	10.6/5.9-5.3	41	56	.7536ES1BB56	<b>\$190</b>	.7536ES1BB56C	<b>\$222</b>	.7536ES1BB56CFL	<b>\$222</b>
	1800	11.2/6.2-5.6	46	56	.7518ES1BB56	<b>\$219</b>	.7518ES1BB56C	<b>\$232</b>	.7518ES1BB56CFL	<b>\$232</b>
	1200	10.4/5.8-5.2	58	56H	.7512ES1BF56	<b>\$390</b>	.7512ES1BF56C	<b>\$402</b>	.7512ES1BF56CFL	<b>\$402</b>
1	3600	12.6/7-6.3	46	56	00136ES1BD56	<b>\$235</b>	00136ES1BD56C	<b>\$236</b>	00136ES1BD56CFL	<b>\$236</b>
	1800	14.0/7.7-7	52	56	00118ES1BD56	<b>\$250</b>	00118ES1BD56C	<b>\$263</b>	00118ES1BD56CFL	<b>\$263</b>
1 1/2	1800	17.0/9.4-8.5	56	56H	00158ES1BF56	<b>\$281</b>	00158ES1BF56C	<b>\$293</b>	00158ES1BF56CFL	<b>\$293</b>
	3600	18.0/10-9	58	56	00156ES1BD56	<b>\$267</b>	00156ES1BD56C	<b>\$280</b>	00156ES1BD56CFL	<b>\$280</b>
2	3600	21.0/11.6-10.5	65	56H	00236ES1BF56	<b>\$341</b>	00236ES1BF56C	<b>\$327</b>	00236ES1BF56CFL	<b>\$327</b>

### NEMA 56 Frame, 208/230-460V, 3PH, Open Drip Proof

HP	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Rigid Base	Price	C-face w/ Rigid Base	Price	C-face Footless	Price
1/4	3600	1.3/1.2-0.6	20	56	.2536OS3EA56	<b>\$135</b>	.2536OS3EA56C	<b>\$147</b>	-	-
	1800	1.3/1.2-0.6	21	56	.2518OS3EA56	<b>\$137</b>	.2518OS3EA56C	<b>\$149</b>	-	-
	1200	1.8/1.6-0.8	21	56	.2512OS3EA56	<b>\$165</b>	.2512OS3EA56C	<b>\$177</b>	-	-
1/3	3600	1.8/1.6-0.8	21	56	.3336OS3EA56	<b>\$139</b>	.3336OS3EA56C	<b>\$152</b>	.3336OS3EA56CFL	<b>\$152</b>
	1800	1.5/1.4-0.7	22	56	.3318OS3EA56	<b>\$147</b>	.3318OS3EA56C	<b>\$159</b>	.3318OS3EA56CFL	<b>\$159</b>
1/2	1200	2.2/2-1	26	56	.3312OS3EA56	<b>\$187</b>	.3312OS3EA56C	<b>\$200</b>	-	-
	3600	2.4/2.2-1.1	23	56	.5036OS3EA56	<b>\$147</b>	.5036OS3EA56C	<b>\$159</b>	.5036OS3EA56CFL	<b>\$159</b>
	1800	2.2/2-1	24	56	.5018OS3EA56	<b>\$165</b>	.5018OS3EA56C	<b>\$177</b>	.5018OS3EA56CFL	<b>\$177</b>
3/4	1200	5.1/4.6-2.3	31	56	.5012OS3EB56	<b>\$194</b>	.5012OS3EB56C	<b>\$208</b>	.5012OS3EB56CFL	<b>\$208</b>
	3600	3.1/2.8-1.4	24	56	.7536OS3EB56	<b>\$168</b>	.7536OS3EB56C	<b>\$182</b>	.7536OS3EB56CFL	<b>\$182</b>
	1800	3.1/2.8-1.4	26	56	.7518OS3EB56	<b>\$181</b>	.7518OS3EB56C	<b>\$193</b>	.7518OS3EB56CFL	<b>\$193</b>
1	1200	3.3/3-1.5	37	56	.7512OS3ED56	<b>\$210</b>	.7512OS3ED56C	<b>\$223</b>	.7512OS3ED56CFL	<b>\$222</b>
	3600	3.8/3.4-1.7	26	56	00136OS3EB56	<b>\$192</b>	00136OS3EB56C	<b>\$204</b>	00136OS3EB56CFL	<b>\$192</b>
	1800	4/3.6-1.8	29	56	00118OS3EB56	<b>\$191</b>	00118OS3EB56C	<b>\$203</b>	00118OS3EB56CFL	<b>\$203</b>
1 1/2	1200	4/3.6-1.8	42	56	00112OS3EF56	<b>\$245</b>	00112OS3EF56C	<b>\$258</b>	-	-
	3600	5.3/4.8-2.4	31	56	00156OS3ED56	<b>\$203</b>	00156OS3ED56C	<b>\$217</b>	00156OS3ED56CFL	<b>\$217</b>
	1800	5.5/5-2.5	34	56	00158OS3ED56	<b>\$195</b>	00158OS3ED56C	<b>\$208</b>	00158OS3ED56CFL	<b>\$208</b>
2	3600	6.4/5.8-2.9	34	56	00236OS3ED56	<b>\$229</b>	00236OS3ED56C	<b>\$223</b>	00236OS3ED56CFL	<b>\$223</b>
	1800	6.9/6.2-3.1	36	56H	00218OS3EF56	<b>\$205</b>	00218OS3EF56C	<b>\$218</b>	-	-
3	3600	9.1/8.2-4.1	39	56H	00336OS3EF56	<b>\$252</b>	00336OS3EF56C	<b>\$237</b>	00336OS3EF56CFL	<b>\$237</b>

### NEMA 56 Frame, 208/230-460V, 3PH, Totally Enclosed Fan Cooled

HP	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Rigid Base	Price	C-face w/ Rigid Base	Price	C-face Footless	Price
1/4	3600	1.1/1-0.5	31	56	.2536ES3EB56	<b>\$156</b>	.2536ES3EB56C	<b>\$168</b>	-	-
	1800	1.3/1.2-0.6	31	56	.2518ES3EB56	<b>\$163</b>	.2518ES3EB56C	<b>\$175</b>	-	-
1/3	3600	1.3/1.2-0.6	33	56	.3336ES3EB56	<b>\$163</b>	.3336ES3EB56C	<b>\$175</b>	.3336ES3EB56CFL	<b>\$175</b>
	1800	1.3/1.2-0.6	33	56	.3318ES3EB56	<b>\$165</b>	.3318ES3EB56C	<b>\$177</b>	.3318ES3EB56CFL	<b>\$177</b>
1/2	3600	1.8/1.6-0.8	36	56	.5036ES3EB56	<b>\$168</b>	.5036ES3EB56C	<b>\$182</b>	.5036ES3EB56CFL	<b>\$182</b>
	1800	2/1.8-0.9	34	56	.5018ES3EB56	<b>\$184</b>	.5018ES3EB56C	<b>\$198</b>	.5018ES3EB56CFL	<b>\$198</b>
	1200	2.9/2.6-1.3	36	56	.5012ES3EB56	<b>\$258</b>	.5012ES3EB56C	<b>\$271</b>	.5012ES3EB56CFL	<b>\$271</b>
3/4	3600	2.4/2.2-1.1	40	56	.7536ES3EB56	<b>\$184</b>	.7536ES3EB56C	<b>\$198</b>	.7536ES3EB56CFL	<b>\$198</b>
	1800	2.4/2.2-1.1	40	56	.7518ES3EB56	<b>\$198</b>	.7518ES3EB56C	<b>\$210</b>	.7518ES3EB56CFL	<b>\$210</b>
	1200	3.5/3.2-1.6	40	56	.7512ES3ED56	<b>\$264</b>	.7512ES3ED56C	<b>\$277</b>	.7512ES3ED56CFL	<b>\$277</b>
1	3600	3.1/2.8-1.4	44	56	00136ES3EB56	<b>\$214</b>	00136ES3EB56C	<b>\$227</b>	00136ES3EB56CFL	<b>\$227</b>
	1800	3.3/3-1.5	46	56	00118ES3ED56	<b>\$204</b>	00118ES3ED56C	<b>\$218</b>	00118ES3ED56CFL	<b>\$218</b>
	1200	4.2/3.8-1.9	46	56	00112ES3EF56	<b>\$267</b>	00112ES3EF56C	<b>\$280</b>	00112ES3EF56CFL	<b>\$280</b>
1 1/2	3600	4.4/4-2	48	56	00156ES3EB56	<b>\$232</b>	00156ES3EB56C	<b>\$244</b>	00156ES3EB56CFL	<b>\$244</b>
	1800	4.6/4.2-2.1	52	56	00158ES3ED56	<b>\$227</b>	00158ES3ED56C	<b>\$240</b>	00158ES3ED56CFL	<b>\$240</b>
2	3600	6/5.4-2.7	58	56	00236ES3ED56	<b>\$257</b>	00236ES3ED56C	<b>\$270</b>	00236ES3ED56CFL	<b>\$270</b>
	1800	6.2/5.6-2.8	61	56H	00218ES3EF56	<b>\$245</b>	00218ES3EF56C	<b>\$257</b>	00218ES3EF56CFL	<b>\$257</b>
3	3600	8.4/7.6-3.8	67	56H	00336ES3EF56	<b>\$297</b>	00336ES3EF56C	<b>\$310</b>	00336ES3EF56CFL	<b>\$310</b>



**FREE Ground Shipping!**  
for online orders over \$500



# INVERTER DUTY MOTORS



WEG's NEMA Premium Efficiency TEFC motors meet or exceed all E.I.S.A. requirements for energy efficiency (Energy Independence and Security Act of 2007). WEG motors are tested according to

IEEE 112 Standard, Method B, and their efficiency values are verified by UL Labs. These TEFC motors are built according to NEMA specifications for operation in moist or dusty atmospheric conditions and are

also rated IP55. WEG's NEMA Premium Efficiency motors are rated for use with VFDs and meet Design B torque standards. They also carry a 3 year limited warranty.

## Rolled Steel, NEMA, Totally Enclosed Fan Cooled, Premium Eff.



### Features of all RS Motors:

- 2-, 4-, or 6-pole, 60Hz
- 208-230/460VAC
- IP55
- V-ring seal
- Ball bearings
- Plastic fan
- Class F insulation
- Service Factor 1.15
- Meets NEMA MG-1 Part 31 for inverter use at:
  - Constant torque 2:1
  - Variable torque 10:1
- 36 Month Warranty

## NEMA T-Frame, 208-230/460V, 3PH, Premium Efficiency

HP	RPM	F.L. Amps	Weight (lbs)	Frame	Foot Mount	Price	C-face Footed	Price	C-face Footless	Price
1	1800	3.3-3/1.5	36	143T	00118ET3ERS143T	<b>\$268</b>	00118ET3ERS143TC	<b>\$282</b>	00118ET3ERSR143TC	<b>\$282</b>
	3600	4.4-4/2	38	143T	00156ET3ERS143T	<b>\$276</b>	00156ET3ERS143TC	<b>\$289</b>	00156ET3ERSR143TC	<b>\$289</b>
1 1/2	1800	5.1-4.6/2.3	39	145T	00158ET3ERS145T	<b>\$280</b>	00158ET3ERS145TC	<b>\$293</b>	00158ET3ERSR145TC	<b>\$293</b>
	1200	5.3-4.8/2.4	74	182T	00152ET3ERS182T	<b>\$375</b>	00152ET3ERS182TC	<b>\$394</b>	00152ET3ERSR182TC	<b>\$394</b>
2	3600	5.5-5/2.5	42	145T	00236ET3ERS145T	<b>\$298</b>	00236ET3ERS145TC	<b>\$312</b>	00236ET3ERSR145TC	<b>\$312</b>
	1800	6.4-5.8/2.9	46	145T	00218ET3ERS145T	<b>\$308</b>	00218ET3ERS145TC	<b>\$322</b>	00218ET3ERSR145TC	<b>\$322</b>
3	1200	7.1-6.4/3.2	91	184T	00212ET3ERS184T	<b>\$406</b>	00212ET3ERS184TC	<b>\$425</b>	00212ET3ERSR184TC	<b>\$425</b>
	3600	8.2-7.4/3.7	80	182T	00336ET3ERS182T	<b>\$380</b>	00336ET3ERS182TC	<b>\$398</b>	00336ET3ERSR182TC	<b>\$398</b>
3	1800	8.6-7.8/3.9	74	182T	00318ET3ERS182T	<b>\$333</b>	00318ET3ERS182TC	<b>\$351</b>	00318ET3ERSR182TC	<b>\$351</b>
	1200	9.7-8.8/4.4	122	213T	00312ET3ERS213T	<b>\$552</b>	00312ET3ERS213TC	<b>\$577</b>	00312ET3ERSR213TC	<b>\$577</b>
5	3600	13.3-12/6	93	184T	00536ET3ERS184T	<b>\$432</b>	00536ET3ERS184TC	<b>\$449</b>	00536ET3ERSR184TC	<b>\$450</b>
	1800	14.2-12.8/6.4	92	184T	00518ET3ERS184T	<b>\$404</b>	00518ET3ERS184TC	<b>\$403</b>	00518ET3ERSR184TC	<b>\$403</b>
5	1200	15-13.6/6.8	146	215T	00512ET3ERS215T	<b>\$648</b>	00512ET3ERS215TC	<b>\$673</b>	00512ET3ERSR215TC	<b>\$674</b>
	3600	19-17.2/8.6	125	213T	00736ET3ERS213T	<b>\$551</b>	00736ET3ERS213TC	<b>\$575</b>	00736ET3ERSR213TC	<b>\$575</b>
7.5	1800	20.6-18.6/9.3	139	213T	00718ET3ERS213T	<b>\$534</b>	00718ET3ERS213TC	<b>\$559</b>	00718ET3ERSR213TC	<b>\$559</b>
	1200	21.5-19.4/9.7	237	254T	00712ET3ERS254T	<b>\$994</b>	00712ET3ERS254TC	<b>\$1,026</b>	-	-
10	3600	25.4-23/11.5	158	215T	01036ET3ERS215T	<b>\$648</b>	01036ET3ERS215TC	<b>\$673</b>	01036ET3ERSR215TC	<b>\$673</b>
	1800	28.1-25.4/12.7	153	215T	01018ET3ERS215T	<b>\$621</b>	01018ET3ERS215TC	<b>\$645</b>	01018ET3ERSR215TC	<b>\$645</b>
10	1200	29.4-26.6/13.3	260	256T	01012ET3ERS256T	<b>\$1,150</b>	01012ET3ERS256TC	<b>\$1,183</b>	-	-
	3600	37.4-33.8/16.9	214	254T	01536ET3ERS254T	<b>\$881</b>	01536ET3ERS254TC	<b>\$913</b>	01536ET3ERSR254TC	<b>\$914</b>
15	1800	39.8-36/18	238	254T	01518ET3ERS254T	<b>\$892</b>	01518ET3ERS254TC	<b>\$925</b>	01518ET3ERSR254TC	<b>\$926</b>
	3600	50.6-45.8/22.9	237	256T	02036ET3ERS256T	<b>\$1,143</b>	02036ET3ERS256TC	<b>\$1,176</b>	02036ET3ERSR256TC	<b>\$1,177</b>
20	1800	54-48.8/24.4	259	256T	02018ET3ERS256T	<b>\$1,059</b>	02018ET3ERS256TC	<b>\$1,091</b>	02018ET3ERSR256TC	<b>\$1,092</b>

# Cast Iron Severe Duty, NEMA Premium Efficiency, TEFC



## NEMA Frame, 208-230/460V, 3PH, Totally Enclosed Fan Cooled

from **\$321**

1 to 500HP

36 Month Warranty!

UL US, CSA US, CE, Inverter Rated

HP	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Footed	Price	Footed with C-Flange	Price	Footless with C-Flange	Price
1	1800	3.12-2.82/1.41	43	143T	00118ET3E143T-W22	\$321	00118ET3E143TC-W22	\$337	00118ET3ER143TC-W22	\$347
	1200	3.82-3.46/1.73	55	145T	00112ET3E145T-W22	\$367	00112ET3E145TC-W22	\$383	00112ET3ER145TC-W22	\$394
	900	5.08-4.6/2.3	98	182T	00109ET3E182T-W22	\$615	-	-	-	-
1.5	3600	4.22-3.82/1.91	43	143T	00156ET3E143T-W22	\$330	00156ET3E143TC-W22	\$346	00156ET3ER143TC-W22	\$356
	1800	4.46-4.04/2.02	51	145T	00158ET3E145T-W22	\$335	00158ET3E145TC-W22	\$351	00158ET3ER145TC-W22	\$360
	1200	5.28-4.78/2.39	73	182T	00152ET3E182T-W22	\$451	00152ET3E182TC-W22	\$472	00152ET3ER182TC-W22	\$486
2	3600	5.59-5.06/2.53	54	145T	00236ET3E145T-W22	\$358	00236ET3E145TC-W22	\$374	00236ET3ER145TC-W22	\$384
	1800	5.77-5.22/2.61	53	145T	00218ET3E145T-W22	\$370	00218ET3E145TC-W22	\$385	00218ET3ER145TC-W22	\$396
	1200	7.14-6.46/3.23	91	184T	00212ET3E184T-W22	\$488	00212ET3E184TC-W22	\$510	00212ET3ER184TC-W22	\$524
3	3600	8.02-7.26/3.63	91	182T	00336ET3E182T-W22	\$456	00336ET3E182TC-W22	\$478	00336ET3ER182TC-W22	\$492
	1800	8.57-7.76/3.88	93	182T	00318ET3E182T-W22	\$399	00318ET3E182TC-W22	\$420	00318ET3ER182TC-W22	\$432
	1200	9.75-8.82/4.41	126	213T	00312ET3E213T-W22	\$665	00312ET3E213TC-W22	\$694	00312ET3ER213TC-W22	\$707
5	3600	13.04-11.8/5.9	91	184T	00536ET3E184T-W22	\$519	00536ET3E184TC-W22	\$540	00536ET3ER184TC-W22	\$556
	1800	14.25-12.9/6.45	98	184T	00518ET3E184T-W22	\$461	00518ET3E184TC-W22	\$483	00518ET3ER184TC-W22	\$497
	1200	15.09-13.66/6.83	167	215T	00512ET3E215T-W22	\$781	00512ET3E215TC-W22	\$811	00512ET3ER215TC-W22	\$835
7.5	3600	19.36-17.52/8.76	144	213T	00736ET3E213T-W22	\$663	00736ET3E213TC-W22	\$693	00736ET3ER213TC-W22	\$712
	1800	19.89-18/9	159	213T	00718ET3E213T-W22	\$643	00718ET3E213TC-W22	\$672	00718ET3ER213TC-W22	\$692
	1200	20.95-18.96/9.48	282	254T	00712ET3E254T-W22	\$1,200	00712ET3E254TC-W22	\$1,239	-	-
10	3600	25.64-23.2/11.6	168	215T	01036ET3E215T-W22	\$781	01036ET3E215TC-W22	\$810	01036ET3ER215TC-W22	\$834
	1800	27.4-24.8/12.4	177	215T	01018ET3E215T-W22	\$748	01018ET3E215TC-W22	\$777	01018ET3ER215TC-W22	\$801
	1200	28.51-25.8/12.9	309	256T	01012ET3E256T-W22	\$1,389	01012ET3E256TC-W22	\$1,428	-	-
15	3600	38.01-34.4/17.2	256	254T	01536ET3E254T-W22	\$1,063	01536ET3E254TC-W22	\$1,102	01536ET3ER254TC-W22	\$1,134
	1800	39.78-36/18	271	254T	01518ET3E254T-W22	\$1,077	01518ET3E254TC-W22	\$1,116	01518ET3ER254TC-W22	\$1,149
	1200	39.56-35.8/17.9	406	284T	01512ET3E284T-W22	\$1,900	-	-	-	-
20	3600	51.27-46.4/23.2	289	256T	02036ET3E256T-W22	\$1,381	02036ET3E256TC-W22	\$1,420	02036ET3ER256TC-W22	\$1,462
	1800	53.26-48.2/24.1	311	256T	02018ET3E256T-W22	\$1,278	02018ET3E256TC-W22	\$1,317	02018ET3ER256TC-W22	\$1,356
	1200	53.48-48.4/24.2	453	286T	02012ET3E286T-W22	\$2,282	-	-	-	-
25	3600	62.99-57/28.5	389	284TS	02536ET3E284TS-W22	\$1,733	02536ET3E284TSC-W22	\$1,789	-	-
	1800	65.2-59/29.5	415	284T	02518ET3E284T-W22	\$1,588	02518ET3E284TC-W22	\$1,644	02518ET3ER284TC-W22	\$1,692
	1200	67.18-60.8/30.4	590	324T	02512ET3E324T-W22	\$2,726	-	-	-	-
30	3600	79.34-71.8/35.9	539	326T	02509ET3E326T-W22	\$4,190	-	-	-	-
	1800	74.7-67.6/33.8	419	286TS	03036ET3E286TS-W22	\$2,054	03036ET3E286TSC-W22	\$2,109	-	-
	1200	77.57-70.2/35.1	464	286T	03018ET3E286T-W22	\$1,862	03018ET3E286TC-W22	\$1,918	03018ET3ER286TC-W22	\$1,975
40	3600	101.22-91.6/45.8	577	324T	04036ET3E324TS-W22	\$2,719	04036ET3E324TSC-W22	\$2,787	-	-
	1800	106.52-96.4/48.2	522	324T	04018ET3E324T-W22	\$2,406	04018ET3E324TC-W22	\$2,476	04018ET3ER324TC-W22	\$2,549
	1200	102.77-93/46.5	947	364T	04012ET3E364T-W22	\$4,181	-	-	-	-
50	3600	123.98-112.2/56.1	614	326T	05036ET3E326TS-W22	\$3,055	05036ET3E326TSC-W22	\$3,124	-	-
	1800	130.83-118.4/59.2	566	326T	05018ET3E326T-W22	\$2,932	05018ET3E326TC-W22	\$3,000	05018ET3ER326TC-W22	\$3,090
	1200	126.85-114.8/57.4	983	365T	05012ET3E365T-W22	\$4,883	-	-	-	-
60	3600	148.07-134/67	939	364T	06036ET3E364TS-W22	\$4,333	06036ET3E364TSC-W22	\$4,584	-	-
	1800	150.94-136.6/68.3	983	364T	06018ET3E364T-W22	\$4,241	06018ET3E364TC-W22	\$4,493	-	-
	1200	153.6-139/69.5	1,156	404T	06012ET3E404T-W22	\$6,012	-	-	-	-
75	3600	181-163.8/81.9	961	365T	07536ET3E365TS-W22	\$5,209	07536ET3E365TSC-W22	\$5,460	-	-
	1800	185.86-168.2/84.1	1,033	365T	07518ET3E365T-W22	\$4,991	07518ET3E365TC-W22	\$5,242	-	-
	1200	187.63-169.8/84.9	1,209	405T	07512ET3E405T-W22	\$6,901	-	-	-	-
100	3600	205.53-186/93	1,594	444T	07509ET3E444T-W22	\$13,319	-	-	-	-
	1800	243.1-220/110	1,165	405T	10036ET3E405TS-W22	\$6,868	-	-	-	-
	1200	245.31-222/111	1,260	405T	10018ET3E405T-W22	\$6,692	10018ET3E405TC-W22	\$6,970	-	-

**Features**

- Foot Mounted, C & D Flanges available
- Meets EISA efficiency requirements
- IP55 degree of protection
- NEMA Design B
- Class F insulation
- Continuous duty
- Meets NEMA MG-1 Part 31 for inverter use at:  
**Constant Torque 20:1**  
**Variable Torque 100:1**
- Stainless steel nameplate
- Service Factor: 1.25 for motors up to 100HP and 1.15 for motors 125HP and up
- Easy conversion to F1, F2
- Regreasable bearings with positive pressure lubrication system on NEMA 254T Frame and above
- Automatic drain plug
- Class I ; Division II; Groups B,C & D, T3C
- **36 Month Warranty**

**FREE Ground Shipping!**  
for online orders over \$500



## Cast Iron Severe Duty, NEMA Premium Efficiency, TEFC (cont'd)



### NEMA Frame, 460V, 3PH, Totally Enclosed Fan Cooled

HP	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Footed	Price	Footed with C-Flange	Price
100	900	127	1,749	445T	10009ET3G445T-W22	<b>\$15,400</b>	-	-
125	1800	139	1,740	444T	12518ET3G444T-W22	<b>\$8,441</b>	12518ET3G444TC-W22	<b>\$9,276</b>
	1200	143	1,901	445T	12512ET3G445T-W22	<b>\$10,263</b>	-	-
	900	151	2,065	504	12509ET3G447T-W22	<b>\$18,141</b>	-	-
150	1800	170	1,826	445T	15018ET3G445T-W22	<b>\$9,962</b>	15018ET3G445TC-W22	<b>\$10,306</b>
	1200	176	2,220	447T	15012ET3G447T-W22	<b>\$11,800</b>	-	-
	900	185	2,224	505	15009ET3G449T-W22	<b>\$17,507</b>	-	-
200	1800	230	2,077	447T	20018ET3G447T-W22	<b>\$12,058</b>	20018ET3G447TC-W22	<b>\$12,402</b>
	1200	237	2,425	447T	20012ET3G447T-W22	<b>\$14,359</b>	-	-
	900	254	2,691	449T	20009ET3G449T-W22	<b>\$28,445</b>	-	-
250	1800	281	2,257	447T	25018ET3G447T-W22	<b>\$15,256</b>	-	-
	1200	292	2,720	449T	25012ET3G449T-W22	<b>\$20,290</b>	-	-
	900	308	3,732	449T	25009ET3G449T-W22	<b>\$32,031</b>	-	-
300	1800	330	2,563	449TS	30018ET3G449TS-W22	<b>\$17,916</b>	-	-
	1200	347	2,795	449T	30012ET3G449T-W22	<b>\$21,931</b>	-	-
350	1800	394	2,857	449TS	35018ET3G449TS-W22	<b>\$20,840</b>	-	-
	1200	415	3,756	449T	35012ET3G449T-W22	<b>\$27,178</b>	-	-
400	1800	455	3,467	449TS	40018ET3G449TS-W22	<b>\$24,996</b>	-	-
	1200	483	4,399	586/7	40012ET3G586/7-W22	<b>\$32,063</b>	-	-
450	1800	501	3,578	449T	45018ET3G449T-W22	<b>\$27,389</b>	-	-
	1200	532	4,668	586/7	45012ET3G586/7-W22	<b>\$35,508</b>	-	-
500	1800	561	3,644	449T	50018ET3G449T-W22	<b>\$28,860</b>	-	-

#### Features

- Foot Mounted, C & D Flanges available
- Meets EISA efficiency requirements
- IP55 degree of protection
- NEMA Design B
- Class F insulation
- Continuous duty
- Meets NEMA MG-1 Part 31 for inverter use at:  
**Constant Torque 20:1**  
**Variable Torque 100:1**
- Stainless steel nameplate
- Service Factor: 1.25 for motors up to 100HP and 1.15 for motors 125HP and up
- Easy conversion to F1, F2
- Regreasable bearings with positive pressure lubrication system on NEMA 254T Frame and above
- Automatic drain plug
- Class I ; Division II;  
Groups B,C & D, T3C
- **36 Month Warranty**

# Aluminum, IEC Frame, TEFC, Inverter Duty



## IEC Frame, 230/460V, 3PH, Totally Enclosed Fan Cooled

HP	KW	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Footed	Price	C-DIN Flange Kit	Price	D-DIN / FF Flange Kit	Price
.25	0.18	3600	0.96/0.48	11	63	.1836EP3EAL63	\$180	FLC-IM63DIN-AL	\$26	FLF-IM63-AL	\$44
		1800	1.02/0.51	13	63	.1818EP3EAL63	\$173	FLC-IM63DIN-AL	\$26	FLF-IM63-AL	\$44
		1200	1.54/0.77	16	71	.1812EP3EAL71	\$213	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		900	1.6/0.8	22	80	.1809EP3EAL80	\$328	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
.33	0.25	3600	1.24/0.62	13	63	.2536EP3EAL63	\$183	FLC-IM63DIN-AL	\$26	FLF-IM63-AL	\$44
		1800	1.36/0.68	16	71	.2518EP3EAL71	\$181	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		1200	2/1	18	71	.2512EP3EAL71	\$227	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		900	1.74/0.87	24	80	.2509EP3EAL80	\$352	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
.5	0.37	3600	1.66/0.83	15	71	.3736EP3EAL71	\$196	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		1800	2.12/1.06	16	71	.3718EP3EAL71	\$186	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		1200	2.14/1.07	21	80	.3712EP3EAL80	\$236	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
		900	2.7/1.35	36	90S	.3709EP3EAL90S	\$398	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
.75	0.55	3600	2.28/1.14	18	71	.5536EP3EAL71	\$201	FLC-IM71DIN-AL-BC	\$29	FLF-IM71-AL-BC	\$46
		1800	2.5/1.25	23	80	.5518EP3EAL80	\$210	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
		1200	3.26/1.63	26	80	.5512EP3EAL80	\$251	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
1	0.75	3600	2.84/1.42	23	80	.7536EP3WAL80	\$217	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
		1800	3.02/1.51	26	80	.7518EP3WAL80	\$214	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
1.5	1.1	3600	4.14/2.07	25	80	00136EP3EAL80	\$231	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
3	2.0	900	9.4/4.7	135	132S	00209EP3EAL132S	\$722	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
4	3.0	900	6.4	136	132M	00309EP3YAL132M	\$819	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115

### Standard Efficiency Features

- Foot Mounted, C & D Flanges available
- Meets EPACT eff. requirements
- IP55 degree of protection
- IEC Design N
- Class F insulation
- Continuous duty
- Inverter Duty:
  - Constant torque 4:1
  - Variable torque 10:1
- Dual rated 50/60Hz
- Stainless steel nameplate
- Service Factor: 1.15 (60Hz)
- Standard mounting B3R (F2) Easy conversion to B3L (F1) or B3T (Top)
- Re-lubricatable ball bearings
- Automatic drain plug
- Class I ; Division II; Groups B,C & D, T3C
- 18 Month Warranty

### Premium Efficiency Features

- Foot Mounted, C & D Flanges available
- Meets EPACT eff. requirements
- IP55 degree of protection
- IEC Design N
- Class F insulation
- Continuous duty
- Inverter Duty:
  - Constant torque 4:1
  - Variable torque 10:1
- Dual rated 50/60Hz
- Stainless steel nameplate
- Service Factor: 1.15 (60Hz)
- Standard mounting B3R (F2) Easy conversion to B3L (F1) or B3T (Top)
- Re-lubricatable ball bearings
- Automatic drain plug
- Class I ; Division II; Groups B,C & D, T3C
- 36 Month Warranty

## IEC Frame, 460V, 3PH, Totally Enclosed Fan Cooled, Premium Efficiency

HP	KW	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Footed	Price	C-DIN Flange Kit	Price	D-DIN / FF Flange Kit	Price
1	0.75	1200	1.68	51	90S	.7512ET3WAL90S	\$327	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
1.5	1.1	3600	2.03	25	80	00136ET3WAL80	\$274	FLC-IM80DIN-AL-BC	\$28	FLF-IM80-AL-BC	\$56
		1800	2.05	40	90S	00118ET3WAL90S	\$289	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
		1200	2.31	67	100L	00112ET3WAL100L	\$446	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
		900	3.26	55	90L	00109EP3WAL100L	\$458	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
2	1.5	3600	2.69	36	80	00156ET3WAL90S	\$308	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
		1800	2.79	43	100L	00158ET3WAL90L	\$319	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
		1200	3.15	71	90S	00152ET3WAL100L	\$484	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
		900	4.08	85	100L	00159EP3YAL112M	\$517	FLC-IM112DIN-AL-UBC	\$43	FLF-IM112-AL-UBC	\$98
3	2.2	3600	3.85	46	112M	00236ET3WAL90L	\$451	FLC-IM90DIN-AL-UBC	\$31	FLF-IM90-AL-UBC	\$60
		1800	4.05	64	90L	00218ET3WAL100L	\$380	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
		1200	4.41	131	100L	00212ET3YAL132S	\$686	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
4	3	3600	5.01	65	132S	00336ET3WAL100L	\$479	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
		1800	5.39	83	100L	00318ET3WAL100L	\$404	FLC-IM100DIN-AL-UBC	\$40	FLF-IM100-AL-UBC	\$70
		1200	6.01	132	100L	00312ET3YAL132M	\$732	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
		900	6.40	136	132M	00309EP3YAL132M	\$819	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
5.5	4	3600	6.67	79	132M	00436ET3YAL112M	\$519	FLC-IM112DIN-AL-UBC	\$43	FLF-IM112-AL-UBC	\$98
		1800	7.10	84	112M	00418ET3YAL112M	\$408	FLC-IM112DIN-AL-UBC	\$43	FLF-IM112-AL-UBC	\$98
		1200	7.90	128	112M	00412ET3YAL132M	\$736	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
7.5	5.5	3600	8.97	135	132M	00536ET3YAL132S	\$674	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
		1800	9.07	144	132S	00518ET3YAL132S	\$553	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
10	7.5	3600	12.3	139	132S	00736ET3YAL132S	\$758	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115
		1800	12.2	154	132M	00718ET3YAL132M	\$655	FLC-IM132DIN-AL-UBC	\$62	FLF-IM132-AL-UBC	\$115

### Flange Kits for IEC Motors

Weg Aluminum IEC motors are sold with removable feet, relocatable junction box, and standard end bells. FactoryMation also sells C or D Flange Kits, which are field installable.

**FREE Ground Shipping!**  
for online orders over \$500



# Cast Iron, IEC Frame, TEFC, Inverter Duty, 460V, 3PH



from  
**\$327**

10 to  
450HP



## Features

- Foot Mounted, C & D Flanges available
- Meets EPA efficiency requirements
- IP55 degree of protection
- IEC Design N
- Class F insulation
- Continuous duty
- Inverter Duty:
  - Constant Torque 4:1
  - Variable Torque 10:1
- Dual rated 50/60Hz
- Stainless steel nameplate
- Service Factor: 1.15 (60Hz)
- Standard mounting B3R (F2) Easy conversion to B3L (F1) or B3T (Top)
- Re-lubricatable ball bearings
- Automatic drain plug
- Class I ; Division II; Groups B,C & D, T3C
- **36 Month Warranty**

## IEC Frame, 460V, 3PH, Totally Enclosed Fan Cooled, Premium Efficiency

HP	KW	RPM	F.L. Amps	Approx. Wt. (lbs)	Frame	Footed	Price	C-DIN Flange Kit	Price	D-DIN / FF Flange Kit	Price
2	1.5	1800	2.79	53	90S/L	00158ET3W90L-W22	<b>\$327</b>	FLC-IM90DIN-UBC	<b>\$31</b>	FLF-IM90-UBC	<b>\$34</b>
3	2.2	1800	4.05	74	100L	00218ET3W100L-W22	<b>\$389</b>	FLC-IM100DIN-UBC	<b>\$40</b>	FLF-IM100-UBC	<b>\$42</b>
5.5	4	1800	7.10	101	112M	00418ET3Y112M-W22	<b>\$417</b>	FLC-IM112DIN-UBC	<b>\$43</b>	FLF-IM112-AL-UBC	<b>\$98</b>
7.5	5.5	900	9.07	157	132S	00518ET3Y132S-W22	<b>\$565</b>	FLC-IM132DIN-UBC	<b>\$62</b>	FLF-IM132-UBC	<b>\$65</b>
		1200	9.48	276	160M	00512ET3Y160M-W22	<b>\$1,027</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
10	7.5	1800	12.2	159	132SM	00718ET3Y132M-W22	<b>\$669</b>	FLC-IM132DIN-UBC	<b>\$62</b>	FLF-IM132-UBC	<b>\$65</b>
		1200	13.1	291	160M	00712ET3Y160M-W22	<b>\$1,337</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
15	11	3600	17.9	276	160M	01136ET3Y160M-W22	<b>\$1,221</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
		1800	18.2	293	160M	01118ET3Y160M-W22	<b>\$1,008</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
		1200	18.8	337	160L	01112ET3Y160L-W22	<b>\$1,824</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
20	15	3600	24.4	284	160M	01536ET3Y160M-W22	<b>\$1,398</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
		1800	25.0	342	160L	01518ET3Y160L-W22	<b>\$1,232</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
		1200	24.7	456	180L	01512ET3Y180L-W22	<b>\$2,238</b>	FLC-IM180	<b>\$166</b>	FLF-IM180	<b>\$204</b>
25	18.5	3600	29.9	322	160L	01836ET3Y160L-W22	<b>\$1,690</b>	FLC-IM160DIN-W22	<b>\$96</b>	FLF-IM160-W22	<b>\$96</b>
		1800	30.6	427	180M	01818ET3Y180M-W22	<b>\$1,558</b>	FLC-IM180	<b>\$166</b>	FLF-IM180	<b>\$204</b>
		1200	30.8	525	200L	01812ET3Y200L-W22	<b>\$2,809</b>	FLC-IM200	<b>\$308</b>	FLF-IM200	<b>\$329</b>
30	22	3600	34.7	418	180M	02236ET3Y180M-W22	<b>\$2,014</b>	FLC-IM180	<b>\$166</b>	FLF-IM180	<b>\$204</b>
		1800	36	467	180L	02218ET3Y180L-W22	<b>\$1,863</b>	FLC-IM180	<b>\$166</b>	FLF-IM180	<b>\$204</b>
		1200	37.1	562	200L	02212ET3Y200L-W22	<b>\$2,831</b>	FLC-IM200	<b>\$308</b>	FLF-IM200	<b>\$329</b>
40	30	3600	47.1	571	200L	03036ET3Y200L-W22	<b>\$2,805</b>	FLC-IM200	<b>\$308</b>	FLF-IM200	<b>\$329</b>
		1800	49.4	569	200L	03018ET3Y200L-W22	<b>\$2,484</b>	FLC-IM200	<b>\$308</b>	FLF-IM200	<b>\$329</b>
		1200	47.6	990	225S/M	03012ET3Y225S/M-W22	<b>\$4,412</b>	FLC-E360-314-W22	<b>\$411</b>	FLF-IM225-W22	<b>\$456</b>
50	37	3600	57.7	617	200L	03736ET3Y200L-W22	<b>\$3,153</b>	FLC-IM200	<b>\$308</b>	FLF-IM200	<b>\$329</b>
		1800	58.5	970	225S/M	03718ET3Y225S/M-W22	<b>\$4,011</b>	FLC-E360-314-W22	<b>\$411</b>	FLF-IM225-W22	<b>\$456</b>
		1200	58.8	1,188	250S/M	03712ET3Y250S/M-W22	<b>\$5,700</b>	FLC-E440-314	<b>\$618</b>	FLF-IM250	<b>\$620</b>
60	45	3600	66.7	1,023	225S/M	04536ET3Y225S/M-W22	<b>\$4,567</b>	FLC-E360-314-W22	<b>\$411</b>	FLF-IM225-W22	<b>\$456</b>
		1800	69.9	1,032	225S/M	04518ET3Y225S/M-W22	<b>\$4,243</b>	FLC-E360-314-W22	<b>\$411</b>	FLF-IM225-W22	<b>\$456</b>
		1200	74.7	1,653	280S/M	04512ET3Y280S/M-W22	<b>\$6,321</b>	FLC-E440-316	<b>\$618</b>	FLF-IM280-316	<b>\$626</b>
75	55	3600	80.3	1,185	250S/M	05536ET3Y250S/M-W22	<b>\$5,643</b>	FLC-E440-314	<b>\$618</b>	FLF-IM250	<b>\$620</b>
		1800	85.1	1,234	250S/M	05518ET3Y250S/M-W22	<b>\$5,140</b>	FLC-E440-314	<b>\$618</b>	FLF-IM250	<b>\$620</b>
		1200	90.2	1,752	280S/M	05512ET3Y280S/M-W22	<b>\$7,801</b>	FLC-E440-316	<b>\$618</b>	FLF-IM280-316	<b>\$626</b>
100	75	3600	111	1,761	280S/M	07536ET3Y280S/M-W22	<b>\$7,147</b>	FLC-E440-314	<b>\$618</b>	FLF-IM280-314	<b>\$626</b>
		1800	116	1,765	280S/M	07518ET3Y280S/M-W22	<b>\$7,079</b>	FLC-E440-316	<b>\$618</b>	FLF-IM280-316	<b>\$626</b>
		1200	122	2,316	315S/M	07512ET3Y315S/M-W22	<b>\$9,436</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
125	90	3600	132	1,838	280S/M	09036ET3Y280S/M-W22	<b>\$9,564</b>	FLC-E440-314	<b>\$618</b>	FLF-IM280-314	<b>\$626</b>
		1800	139	1,871	280S/M	09018ET3Y280S/M-W22	<b>\$8,712</b>	FLC-E440-316	<b>\$618</b>	FLF-IM280-316	<b>\$626</b>
		1200	146	2,506	315S/M	09012ET3Y315S/M-W22	<b>\$11,128</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
150	110	3600	163	2,316	315S/M	11036ET3Y315S/M-W22	<b>\$12,017</b>	FLC-E500-314-W22	<b>\$683</b>	FLF-IM315-314-W22	<b>\$661</b>
		1800	170	2,107	280S/M	11018ET3Y280S/M-W22	<b>\$9,773</b>	FLC-E440-316	<b>\$618</b>	FLF-IM280-316	<b>\$626</b>
		1200	178	2,634	315S/M	11012ET3Y315S/M-W22	<b>\$12,184</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
175	132	3600	193	2,506	315S/M	13236ET3Y315S/M-W22	<b>\$13,250</b>	FLC-E500-314-W22	<b>\$683</b>	FLF-IM315-314-W22	<b>\$661</b>
		1800	203	2,609	315S/M	13218ET3Y315S/M-W22	<b>\$11,292</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
		1200	214	2,819	315S/M	13212ET3Y315S/M-W22	<b>\$10,925</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
200	150	3600	219	2,596	315S/M	15036ET3Y315S/M-W22	<b>\$14,997</b>	FLC-E500-314-W22	<b>\$683</b>	FLF-IM315-314-W22	<b>\$661</b>
		1800	228	2,673	315S/M	15018ET3Y315S/M-W22	<b>\$12,453</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>
		1200	240	3,315	315L	15012ET3Y315L-W22	<b>\$12,848</b>	FLC-E500-319-W22	<b>\$683</b>	FLF-IM315-319-W22	<b>\$661</b>

## Flange Kits for IEC Motors

Weg Cast Iron IEC motors are sold with removable feet, relocatable junction box, and standard end bells. FactoryMation also sells C or D Flange Kits, which are field installable.

# VECTOR DUTY MOTORS



**Cast Iron, NEMA, Totally Enclosed Non-ventilated, Inverter Duty**



## NEMA T-Frame, 230/460V, 3PH, Premium Efficiency

HP	RPM	Max. RPM	Wt. (lbs)	Frame	C-face w/ Foot Mount	Price	FL Amps (460V)	"C" DIM (in)	Voltage
1	1800	2700	49	143TC	00118ET3FVD143TC	<b>\$389</b>	1.41	11.203	230/460
1.5	1800	2700	55	145TC	00158ET3FVD145TC	<b>\$422</b>	2.08	12.188	230/460
2	1800	2700	60	145TC	00218ET3FVD145TC	<b>\$549</b>	2.66	12.188	230/460
3	1800	2700	97	182TC	00318ET3FVD182TC	<b>\$676</b>	3.81	12.919	230/460
5	1800	2700	99	184TC	00518ET3FVD184TC	<b>\$803</b>	6.88	13.919	230/460
7.5	1800	2700	168	213TC	00718ET3FVD213TC	<b>\$1,049</b>	9.35	16.125	230/460
10	1800	2700	175	215TC	01018ET3FVD215TC	<b>\$1,250</b>	12.74	17.220	230/460
15	1800	2700	300	254TC	01518ET3FVD254TC	<b>\$1,486</b>	20.5	21.021	230/460

### Encoder

Part Number	Description	PPR	Type	Input Voltage	Bore (in.)	Connection	Price
ECHSD38-D	HSD38 Dynapar	1024	Optical	5-26V (7272)	5/8"	10 Pin	<b>\$827</b>

### Encoder Cables

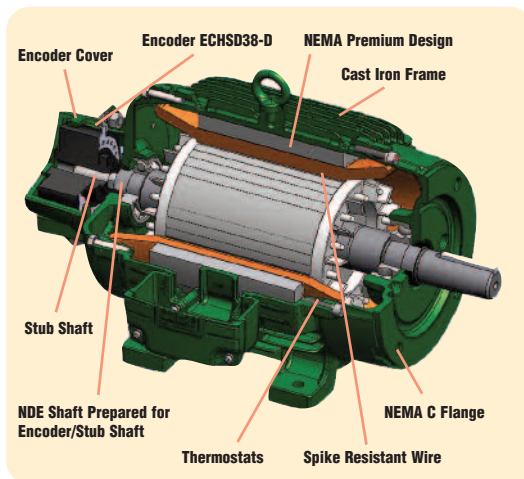
Part Number	Length	Price
ENCCBLMS-10	10ft	<b>\$152</b>
ENCCBLMS-20	20ft	<b>\$255</b>
ENCCBLMS-30	30ft	<b>\$279</b>
ENCCBLMS-50	50ft	<b>\$403</b>

WEG designed the Vector Duty Motor to provide precise control over the widest possible speed range. Expect top performance in tough applications, such as cranes and hoists, extruders, and conveyor systems. The Vector Motor can be used in open or closed-loop configurations to meet the demands of the application.

### Features of WEG Vector Duty Motors

- NEMA Premium Efficiency
- Constant torque operation from 0 to base speed (**1000:1**) with PWM Vector Drive
- Constant horsepower operation to 150% base speed at 40°C ambient
- C-face mount with feet
- Spike resistant wire
- Integral stubshaft
- With thermostats (1 per phase)
- Totally Enclosed Non-Ventilated
- V-Ring Seals
- Standard NEMA frame sizes
- Special nameplate data for easy drive setup
- IP55
- Cast Iron Construction
- **36 Month Warranty**

### Vector Duty Motor Construction



**FREE Ground Shipping!\***  
for online orders over \$500



# EXPLOSION PROOF



## Severe Duty, Totally Enclosed Fan Cooled



### Three Phase, TEFC, Foot Mounted

WEG Explosion Proof motors are suitable for applications requiring UL or CSA certification for hazardous locations. Thermally protected with thermostats, all motors manufactured are submitted to hydrostatic as well as other routine testing at the factory to ensure compliance to the required specifications.

#### Features:

- 2-, 4-, or 6-pole, 60Hz
- 208-230/460VAC
- Inverter Duty per CSA Standard (Pending: UL Certification for use with VFD)
- Ball Bearings
- Continuous Duty
- Efficiency Certification per USDoe (CC029A)
- Service Factor: 1.15
- 50/60Hz Nameplate (30HP and below)
- Cast Iron Frame
- Class F Insulation System
- Class H Impregnation Resin
- NPT Threaded Terminal Box
- Temperature Rise: Class B (80°C)

### NEMA T-Frame, 208-230/460V, 3PH

HP	RPM	F.L. Amps	Wt. (lbs)	Frame	Foot Mount	Price	C-face w/ Foot Mount	Price	C-face Footless	Price
1	1800	3.3/3-1.5	71	143T	00118XT3E143T	\$534	00118XT3E143TC	\$621	00118XT3ER143TC	\$631
	900	4.9/4.4-2.2	132	182T	00109XT3E182T	\$1,145	-	-	-	-
1 1/2	3600	4.4/4-2	69	143T	00156XT3E143T	\$543	00156XT3E143TC	\$630	-	-
	1800	4.6/4.2-2.1	78	145T	00158XT3E145T	\$570	00158XT3E145TC	\$657	00158XT3ER145TC	\$667
	1200	5.3/4.8-2.4	128	182T	00152XT3E182T	\$651	00152XT3E182TC	\$745	-	-
	900	6.2/5.6-2.8	137	184T	00159XT3E184T	\$1,104	-	-	-	-
2	3600	5.8/5.2-2.6	71	145T	00236XT3E145T	\$529	00236XT3E145TC	\$616	-	-
	1800	6/5.4-2.7	80	145T	00218XT3E145T	\$587	00218XT3E145TC	\$674	00218XT3ER145TC	\$686
	1200	7.1/6.4-3.2	132	184T	00212XT3E184T	\$682	00212XT3E184TC	\$775	-	-
	900	7.5/6.8-3.4	174	213T	00209XT3E213T	\$1,411	-	-	-	-
3	3600	8/7.2-3.6	135	182T	00336XT3E182T	\$700	00336XT3E182TC	\$794	-	-
	1800	8.6/7.8-3.9	132	182T	00318XT3E182T	\$710	00318XT3E182TC	\$804	00318XT3ER182TC	\$817
	1200	9.3/8.4-4.2	167	213T	00312XT3E213T	\$1,043	00312XT3E213TC	\$1,147	-	-
	900	10.4/9.4-4.7	198	215T	00309XT3E215T	\$1,620	-	-	-	-
5	3600	13/11.8-5.9	126	184T	00536XT3E184T	\$736	-	-	-	-
	1800	14.4/13-6.5	137	184T	00518XT3E184T	\$717	00518XT3E184TC	\$811	00518XT3ER184TC	\$824
	1200	15/13.6-6.8	175	215T	00512XT3E215T	\$991	-	-	-	-
	900	17.5/15.8-7.9	324	254T	00509XT3E254T	\$2,274	-	-	-	-
7	3600	19.2/17.4-8.7	200	213T	00736XT3E213T	\$960	-	-	-	-
	1800	21/19-9.5	196	213T	00718XT3E213T	\$1,102	00718XT3E213TC	\$1,206	00718XT3ER213TC	\$1,229
	1200	21/19-9.5	313	254T	00712XT3E254T	\$1,439	-	-	-	-
	900	25/22.6-11.3	348	256T	00709XT3E256T	\$2,704	-	-	-	-
10	3600	25.9/23.4-11.7	196	215T	01036XT3E215T	\$1,007	-	-	-	-
	1800	28.3/25.6-12.8	211	215T	01018XT3E215T	\$1,160	01018XT3E215TC	\$1,264	01018XT3ER215TC	\$1,287
	1200	29.6/26.8-13.4	329	256T	01012XT3E256T	\$1,677	-	-	-	-
	900	29.2/26.4-13.2	470	284T	01009XT3E284T	\$3,253	-	-	-	-
15	1800	39.6/35.8-17.9	337	254T	01518XT3E254T	\$1,536	01518XT3E254TC	\$1,719	01518XT3ER254TC	\$1,749
	1200	38.3/34.6-17.3	471	284T	01512XT3E284T	\$2,331	-	-	-	-
	900	41.6/37.6-18.8	515	286T	01509XT3E286T	\$4,069	-	-	-	-
20	1800	54/48.8-24.4	352	256T	02018XT3E256T	\$1,738	02018XT3E256TC	\$1,922	02018XT3ER256TC	\$1,956
	1200	52/47-23.5	470	286T	02012XT3E286T	\$2,557	-	-	-	-
	900	65.5/59.2-29.6	574	324T	02009XT3E324T	\$4,803	-	-	-	-
25	1800	65.5/59.2-29.6	503	284T	02518XT3E284T	\$2,240	02518XT3E284TC	\$2,453	02518XT3ER284TC	\$2,498
	1200	65.9/59.6-29.8	572	324T	02512XT3E324T	\$3,090	-	-	-	-
	900	78.1/70.6-35.3	640	326T	02509XT3E326T	\$6,011	-	-	-	-
30	1800	76.1/68.8-34.4	547	286T	03018XT3E286T	\$2,473	03018XT3E286TC	\$2,687	03018XT3ER286TC	\$2,737
	1200	78.3/70.8-35.4	625	326T	03012XT3E326T	\$3,557	-	-	-	-
40	1800	105.3/95.2-47.6	623	324T	04018XT3E324T	\$3,093	04018XT3E324TC	\$3,399	04018XT3ER324TC	\$3,460
	1200	104.2/94.2-47.1	992	364T	04012XT3E364T	\$6,054	-	-	-	-
50	1800	127.8/115.6-57.8	720	326T	05018XT3E326T	\$3,756	05018XT3E326TC	\$4,063	05018XT3ER326TC	\$4,137
	1200	128.5/116.2-58.1	992	365T	05012XT3E365T	\$6,067	-	-	-	-
60	1800	148.2/134-67	1060	364T	06018XT3E364T	\$5,988	06018XT3E364TC	\$6,361	-	-
	1200	155/140.2-70.1	1222	404T	06012XT3E404T	\$7,548	-	-	-	-
75	1800	182.2/164.8-82.4	1347	365T	07518XT3E365T	\$6,365	07518XT3E365TC	\$6,738	-	-
	1200	192/173.6-86.8	1291	405T	07512XT3E405T	\$7,913	-	-	-	-
100	1800	254.3/230-115	1390	405T	10018XT3E405T	\$8,122	10018XT3E405TC	\$8,570	-	-
	1200	267.6/242-121	1720	444T	10012XT3E444T	\$12,017	-	-	-	-
125	1800	305.2/276-138	1797	444T	12518XT3E444T	\$11,410	-	-	-	-
150	1800	371.5/336-168	2006	445T	15018XT3E445T	\$12,319	-	-	-	-

CSA and UL Approvals	
	<b>CSA approved - File LR 50962</b> Class I, Div 1, Grps C & D Class 2, Div 1, Grps F & G
	<b>UL approved - File E 87848</b> <b>Temperature Code T4</b> Frame 143T up to 326T Class I, Div 1, Grps C & D Class 2, Div 1, Grps F & G <b>Temperature Code T3C</b> Frame 364T up to 586/7 Class I, Div 1, Grps C & D Class 2, Div 1, Grps F & G