



Advantage Plus IEEE READY **Advantage Plus** PREMIUM 841



DESIGN FEATURES

- Class F Insulation, 40 C Ambient, 1.15 S.F.
- Sound Pressure Level Complies with IEEE 841 (IEEE Ready) or Fully Compliant (IEEE 841)
- Oversized open C3 Bearings with Regreasable Provisions - Polyrex EM Grease
- Dynamically Balanced Die-Cast Aluminum Rotor up to 449T
- Vibration Signature shipped with Motor (IEEE 841)
- Two threaded drain holes and stainless steel breather drains
- Non sparking plastic fan up to 449T, bronze fan on 440TS, 2 pole motors
- Dual drilled feet for longer frames (ie. 145T also drilled for 143T) 449T and below
- Paint System: Zinc Chromate Epoxy Primer, Phenolic Rust Proof Base with Lacquer Top Coat; All internal surfaces coated with moisture resistant varnish.
- Rubber Flinger on DE up to 280T; copper flinger on both ends 280TS and larger (IEEE Ready)
- Inpro/Seal Bearing Isolator on DE and NDE (IEEE 841)
- HPE High Pulse Endurance Spike Resistant Wire
- 2 Dips Phenolic Alkyd Resin Varnish, Red Varnish Spray both ends.
- CSA Certified for Class 1, Division II, Groups B, C and D and Class 1 Zone 2, Groups IIB + H2, IIB and IIA
- Inverter Duty Speed Range 10:1 CT and 20:1 VT up to 300HP **3:1 CT and 20 VT 300-500HP
- Meets NEMA MG1 Part 31.4.4.2 (IEEE Ready)
- Meets NEMA MG1 Part 31.4.4.2; IEEE 45 Marine Duty 1-125HP; IEEE Std 841-2009 (IEEE841)

HP	RPM	FRAME	CAT. NO.	FL AMPS 575	FL AMPS 460	FL EFF.	WGT (LBS)	"C" DIM.	LIST
1	1800	143T	APH0014_	1.20	1.50	85.5	46	12.34	\$341
			APH0014_-841						\$604
1.5	1800	145T	APH1/54_	1.66	2.08	86.5	62	13.32	\$382
			APH1/54_-841						\$668
2	1800	145T	APH0024_	2.22	2.78	86.5	62	13.32	\$424
			APH0024_-841						\$706
3	1800	182T	APH0034_	2.99	3.74	89.5	84	14.71	\$477
			APH0034_-841						\$796
5	1800	184T	APH0054_	4.90	6.12	89.5	101	15.73	\$551
			APH0054_-841						\$883
7.5	1800	213T	APH7/54_	7.08	8.85	91.7	167	17.98	\$747
			APH7/54_-841						\$1,156

NEW LIST PRICING

NOTES:

- 1.) * Applies to 1-500HP, 2, 4 and 6 pole only
- 2.) ** One or more of the bearings must be insulated
- 3.) This is a partial listing of TECO-Westinghouse IEEE "Ready" and IEEE 841 motors showing 4 pole ratings only. Two, 6 and 8 pole and larger sizes are available. Please contact *Phelan Electromec* for pricing and availability.
- 4.) Replace "_" in catalogue number with "4" for 460V and with "5" for 575V.

Phelan Electromec™

TECO WESTINGHOUSE ADVANTAGE PLUS

IEEE841 AND IEEE841 READY

HP	RPM	FRAME	CAT. NO.	FL AMPS 575	FL AMPS 460	FL EFF.	WGT (LBS)	"C" DIM.	LIST
10	1800	215T	APH0104_	9.28	11.6	91.7	194	19.47	\$901
			APH0104_-841						\$1,285
15	1800	254T	APH0154_	13.8	17.3	92.4	297	23.70	\$1,208
			APH0154_-841						\$1,754
20	1800	256T	APH0204_	18.4	23.0	93.0	337	25.44	\$1,520
			APH0204_-841						\$2,224
25	1800	284T	APH0254_	23.3	29.1	93.6	418	26.80	\$1,863
			APH0254_-841						\$2,533
30	1800	286T	APH0304_	27.4	34.3	93.6	475	28.30	\$2,203
			APH0304_-841						\$2,804
40	1800	324T	APH0404_	37.0	46.3	94.1	638	29.93	\$2,941
			APH0404_-841						\$3,457
50	1800	326T	APH0504_	45.5	56.9	94.5	675	31.42	\$3,600
			APH0504_-841						\$4,131
60	1800	364T	APH0604_	54.7	68.4	95.0	834	32.57	\$5,214
			APH0604_-841						\$6,043
75	1800	365T	APH0754_	68.1	85.1	95.4	913	33.55	\$6,439
			APH0754_-841						\$6,997
100	1800	405T	APH1004_	89.6	112	95.4	1298	37.80	\$8,312
			APH1004_-841						\$9,032
125	1800	444T	APH1254_	117	146	95.4	1600	44.40	\$10,657
			APH1254_-841						\$11,582
150	1800	445T	APH1504_	140	175	95.8	1780	46.40	\$12,016
			APH1504_-841						\$13,339
200	1800	447T	APH2004_	184	230	96.2	2220	49.92	\$15,054
			APH2004_-841						\$16,229
250	1800	449T	APH2504_	228	285	96.2	2450	52.75	\$19,647
			APH2504_-841						\$20,164
300	1800	449T	APH3004_	274	342	96.2	2560	52.75	\$24,618
			APH3004_-841						\$25,904
350	1800	449T	APH3504_	319	399	96.2	2700	52.75	\$31,425
			APH3504_-841						\$33,445

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