

# Definite Purpose Automotive Duty U Frame

## Premium Efficient Footed



JDEN, JDE

### APPLICATIONS:

Designed for automotive and process industries where "U" Frame sizes are specified. Built to meet General Motors' GM7EH, Ford' EM-1 and Chrysler' NPEM-105 specifications.

### FEATURES:

- Class F Insulation, 60°C Rise At Full Load
- Cast Iron Frame & End Brackets (180 Frame & Larger)
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate (with CE Mark) & Zinc Plated Hardware
- Shaft Slinger On Pulley End For IP54 Protection
- 1.15 SF @ 40°C; 1.0 SF @ 65°C Ambient, NEMA® Design B (4)
- Regreasable Double Shielded Bearings w/"Straight-Through" Lube System (180 Frame & Up), Sealed Bearings on 56 Frame
- 85 dBA Max Sound Power Level
- Precision Balance (< 0.075 In/Sec Vib.), Lifting Provisions 180 Frame & Up
- Oversized Diagonally Split Conduit Box w/Lead Positioning Gasket (180 Fr & Up)
- Steel Fan Cover
- Field Convertible To F2 Mounting 180 Frame & Larger
- Conversion Kits: All Cast Iron Upgrade, C&D Flanges, Canopy Kits (except 56 & 320-360)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	1800	460	182-	A1P2C	\$619	DS-3ADE	1.15	12.1	85	88.5	1.4	28
	1200	460	184-	A1P3C	\$756	DS-3ADE	1.15	13.1	97	87.5	1.6	28
1-1/2	3600	460	182-	A32P1C	\$529	DS-3ADE	1.15	14.0	90	80	2.3	-
	1800	460	184-	A32P2C	\$663	DS-3ADE	1.00	13.1	91	88.5	2	28
	1200	460	184-	A32P3C	\$834	DS-3ADE	1.15	15.0	111	88.5	2.3	-
2	3600	460	184-	A2P1C	\$584	DS-3ADE	1.15	15.0	85	78.5	3	-
	1800	460	184-	A2P2C	\$699	DS-3ADE	1.15	15.0	105	90.2	2.6	-
	1200	460	213-	A2P3C	\$924	DS-3ADE	1.15	18.4	143	90.2	3	-
3	3600	460	184-	A3P1C	\$663	DS-3ADE	1.15	15.0	115	84	4.1	-
	1800	460	213-	A3P2C	\$803	DS-3ADE	1.15	18.4	149	91.7	3.8	-
	1200	460	215-	A3P3C	\$1,144	DS-3ADE	1.15	19.9	163	90.2	4.3	-
	900	460	254U	A3P4C	\$1,447	DS-3ADE	1.15	23.5	310	85.5	5	-
5	3600	460	213-	A5P1C	\$787	DS-3ADE	1.15	18.4	138	86.5	6.9	-
	1800	460	215-	A5P2C	\$1,064	DS-3ADE	1.15	19.9	166	92.4	6	-
	1200	460	254U	A5P3C	\$1,592	DS-3ADE	1.15	23.5	310	91	6.4	-
	900	460	256U	A5P4C	\$1,956	DS-3ADE	1.15	25.3	350	86.5	7.7	-
7-1/2	3600	460	215-	A7P1C	\$957	DS-3ADE	1.15	19.9	136	87.5	9.4	-
	1800	460	254U	A7P2C	\$1,399	DS-3ADE	1.15	23.5	350	93	8.9	-
	1200	460	256U	A7P3C	\$2,035	DS-3ADE	1.15	25.3	360	91.7	9.2	-
	900	460	284U	A7P4C	\$2,495	DS-3ADE	1.15	26.0	380	87.5	11.1	-
10	3600	460	254U	A10P1C	\$1,146	DS-3ADE	1.15	23.5	350	87.5	12.3	-
	1800	460	256U	A10P2C	\$1,700	DS-3ADE	1.15	25.3	360	93.6	11.7	-
	1200	460	284U	A10P3C	\$2,494	DS-3ADE	1.15	-	380	91.7	12.2	-
	900	460	286U	A10P4C	\$2,933	DS-3ADE	1.15	27.5	402	87.5	14.9	-
15	3600	460	256U	A15P1C	\$1,460	DS-3ADE	1.15	25.3	360	89.5	17.8	-
	1800	460	284U	A15P2C	\$2,335	DS-3ADE	1.15	26.0	380	93.6	17.4	-
	1200	460	324U	A15P3C	\$3,358	DS-3ADE	1.15	30.9	460	93	17.7	-
	900	460	326U	A15P4C	\$3,900	DS-3ADE	1.15	30.9	510	88.5	20.5	-
20	3600	460	286U	A20P1C	\$1,986	DS-3ADE	1.15	27.5	362	88.5	23.6	-
	1800	460	286U	A20P2C	\$2,868	DS-3ADE	1.15	27.5	362	93.6	22.7	-
	1200	460	326U	A20P3C	\$4,104	DS-3ADE	1.15	30.9	510	93	23.5	-
	900	460	364U	A20P4C	\$4,726	DS-3ADE	1.15	33.1	744	90.2	25.7	-

Note 04 On 60 Hertz Sine Wave power

Note 28 TENV Enclosure

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
25	3600	460	324US	A25P1CS	\$2,548	DS-3ADE	1.15	28.6	460	90.2	29.4	-
	1800	460	324U	A25P2C	\$3,590	DS-3ADE	1.15	30.9	460	93.6	28.4	-
	1200	460	364U	A25P3C	\$4,955	DS-3ADE	1.15	33.1	745	94.1	29	-
	900	460	365U	A25P4C	\$5,540	DS-3ADE	1.15	33.1	920	89.5	32	-
30	3600	460	326US	A30P1CS	\$3,073	DS-3ADE	1.15	28.6	510	91	35	-
	1800	460	326U	A30P2C	\$4,194	DS-3ADE	1.15	30.9	510	94.5	34	-
	1200	460	365U	A30P3C	\$5,607	DS-3ADE	1.15	33.1	862	94.1	35	-
	900	460	404U	A30P4C	\$6,559	DS-3ADE	1.15	36.0	1200	91.7	39	-
40	3600	460	364US	A40P1CS	\$4,011	DS-3ADE	1.15	30.4	880	91.7	46	-
	1800	460	364U	A40P2C	\$5,530	DS-3ADE	1.15	33.1	880	95	45	-
	1200	460	404U	A40P3C	\$7,222	DS-3ADE	1.15	36.0	1200	94.5	47	-
	900	460	405U	A40P4C	\$8,029	DS-3ADE	1.15	37.5	1200	92.4	52	-
50	3600	460	365US	A50P1CS	\$5,063	DS-3ADE	1.15	30.4	700	91.7	57	-
	1800	460	365U	A50P2C	\$6,487	DS-3ADE	1.15	33.1	700	95.4	56	-
	1200	460	405U	A50P3C	\$8,343	DS-3ADE	1.15	37.5	1200	94.5	58	-
60	3600	460	405US	A60P1CS	\$6,023	DS-3ADE	1.15	34.5	1200	92.4	67	-
	1800	460	405U	A60P2C	\$8,055	DS-3ADE	1.15	37.5	1200	95	68	-
	1200	460	444U	A60P3C	\$9,795	DS-3ADE	1.15	43.5	1400	94.5	69	-
75	1800	460	444U	A75P2C	\$9,935	DS-3ADE	1.15	43.5	1550	95	83	-
	1200	460	445U	A75P3C	\$11,614	DS-3ADE	1.15	45.5	1210	94.5	85	-
100	1800	460	445U	A100P2C	\$12,349	DS-3ADE	1.15	45.5	1661	95.4	111	-
125	1800	460	5004	A125P2C	\$20,302	DS-3ADE	1.00	53.3	2700	94.1	141	-
	1200	460	5004G	A125P3CB	\$21,739	DS-3ADE	1.00	-	2700	94.5	145	-
150	1800	460	5004G	A150P2CB	\$20,808	DS-3ADE	1.15	-	2700	94.1	169	-
	1200	460	5004G	A150P3CB	\$23,536	DS-3ADE	1.00	-	2700	94.5	173	-
200	1800	460	5004G	A200P2CB	\$24,075	DS-3ADE	1.15	-	2700	94.5	226	-
250	1800	460	5008G	A250P2CB	\$29,285	DS-3ADE	1.15	-	3000	95	277	-
300	1800	460	5008G	A300P2CB	\$34,136	DS-3ADE	1.00	-	3000	95.4	330	-

Note 04 On 60 Hertz Sine Wave power

Note 28 TENV Enclosure