

Automotive Duty, U-Frame: GM 7EQ and GM 7EH

Three Phase, Totally Enclosed, Rigid Base



Applications: For use in plants that require automotive approved motors. These motors are designed to meet the mechanical and electrical requirements of Daimler Chrysler NPEM-100, Ford EM-1, and General Motors GM 7EQ specifications.

- Features:**
- **AQ = Standard efficiency and meets GM 7EQ (see footnote)**
 - **AH = Premium efficiency and meets GM 7EH and GM 7EQ (see footnote)**
 - Cast iron construction
 - Oversized, fully gasketed, cast iron conduit box
 - Oversized ball bearings
 - NEMA Design B
 - Class F insulation
 - 1.0 Service Factor at 65°C ambient, 1.15 Service Factor at 40°C ambient
 - V-Ring shaft seals
 - Five year warranty

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182U	P412	182UTTS4026		\$798	E9	87.5	1.5	12.21	AH
	1800	460	182U	P312	182UTTS8026		\$619	E9	86.5	1.5	12.21	AQ
	1200	460	184U	P413	184UTTS4076		\$976	E9	86.5	1.7	13.21	AH
	1200	460	184U	P313	184UTTS8076		\$758	E9	85.5	1.7	13.21	AQ
1 1/2	3600	460	182U	P415	182UTTS4001		\$736	E9	85.5	2.0	12.21	AH
	1800	460	184U	P416	184UTTS4026		\$855	E9	88.5	2.1	13.21	AH
	1800	460	184U	P316	184UTTS8026		\$664	E9	87.5	2.1	13.21	AQ
	1200	460	184U	P417	184UTTS4078		\$1,077	E9	87.5	2.2	13.21	AH
2	3600	460	184U	P419	184UTFS4001		\$811	E9	85.5	2.7	15.69	AH
	1800	460	184U	P420	184UTFS4026		\$901	E9	89.5	2.6	15.69	AH
	1800	460	184U	P320	184UTFS8026		\$698	E9	88.5	2.6	15.69	AQ
	1200	460	213U	P421	213UTFS4076		\$1,192	E9	87.5	3.1	17.82	AH
	1200	460	213U	P321	213UTFS8076		\$926	E9	86.5	3.1	17.82	AQ
3	3600	460	184U	P423	184UTFS4002		\$920	E9	87.5	3.8	15.69	AH
	1800	460	213U	P424	213UTFS4026		\$1,037	E9	88.5	4.0	17.82	AH
	1200	460	215U	P425	215UTFS4076		\$1,477	E9	89.5	4.4	19.32	AH
	1200	460	215U	P325	215UTFS8076		\$1,149	E9	88.5	4.4	19.32	AQ
5	3600	460	213U	P427	213UTFS4001		\$1,095	E9	87.5	6.4	17.82	AH
	1800	460	215U	P428	215UTFS4026		\$1,375	E9	89.5	6.5	19.32	AH
	1800	460	215U	P328	215UTFS8026		\$1,067	E9	88.5	6.5	19.32	AQ
	1200	460	254U	P429	254UTFNA4076		\$2,055	E9	90.2	6.7	23.27	AH
7 1/2	3600	460	215U	P431	215UTFS4001	*	\$1,330	E9	88.5	9.5	19.32	d,AH
	1800	460	254U	P432	254UTFPA4026		\$1,806	E9	91.7	9.6	23.44	AH
	1800	460	254U	P332	254UTFPA8026		\$1,443	E9	90.2	9.6	23.44	AQ
	1200	460	256U	P433	256UTFNA4076		\$2,628	E9	91.0	9.9	25.02	AH
	1200	460	256U	P333	256UTFNA8076		\$2,100	E9	89.5	9.9	25.02	AQ
10	3600	460	254U	P435	254UTFPA4001	*	\$1,592	E9	90.2	12.0	23.44	d,AH,NS
	1800	460	256U	P436	256UTFPA4026		\$2,194	E9	91.7	12.5	25.19	AH
	1800	460	256U	P336	256UTFPA8026		\$1,755	E9	90.2	12.5	25.19	AQ
	1200	460	284U	P437	284UTFPA4076		\$3,219	E9	91.0	13.1	26.52	AH
15	3600	460	256U	P439	256UTFNA4001		\$2,029	E9	91.7	17.5	25.02	AH,NS
	1800	460	284U	P440	284UTFPA4026		\$3,013	E9	92.4	18.0	26.52	AH
	1800	460	284U	P340	284UTFPA8026		\$2,411	E9	91.0	18.0	26.52	AQ
	1200	460	324U	P441	324UTFS4076		\$4,334	E9	92.4	19.2	29.24	AH
	1200	460	324U	P341	324UTFS8076		\$3,462	E9	91.0	19.5	29.24	AQ

Blue shaded areas are Cast Iron Frames

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Automotive Duty, U-Frame: GM 7EQ and GM 7EH

Three Phase, Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
20	3600	460	286U	P444	286UTFPA4001		\$2,761	E9	92.4	23.4	28.02	AH,NS
	1800	460	286U	P445	286UTFPA4026		\$3,700	E9	93.0	25.0	28.02	AH
	1800	460	286U	P344	286UTFPA8026		\$2,959	E9	91.0	24.1	28.02	AQ
	1200	460	326U	P446	326UTFS4076		\$5,295	E9	92.4	25.0	30.74	AH
25	3600	460	324US	P450	324USTFPA4001		\$3,541	E9	93.6	28.1	26.97	AH,NS
	1800	460	324U	P451	324UTFS4026		\$4,632	E9	94.1	30.0	29.24	AH
	1800	460	324U	P348	324UTFS8026		\$3,702	E9	93.0	30.0	29.24	AQ
	1200	460	364U	P453	364UTFS4086		\$6,393	E9	93.0	31.0	32.00	AH
	1200	460	364U	P349	364UTFS8086		\$5,111	E9	91.7	31.0	32.00	AQ
30	3600	460	326US	P457	326USTFPA4001		\$4,271	E9	91.0	35.0	28.47	AH,NS
	1800	460	326U	P458	326UTFS4026		\$5,412	E9	94.1	35.5	30.74	AH
	1800	460	326U	P352	326UTFS8026		\$4,327	E9	92.4	36.0	30.74	AQ
	1200	460	365U	P460	365UTFS4086		\$7,234	E9	93.0	37.0	33.00	AH
	1200	460	365U	P353	365UTFS8086		\$5,785	E9	91.7	37.0	33.00	AQ
40	3600	460	364US	P464	364USTFS4001		\$5,575	E9	93.6	45.0	29.38	AH,NS
	1800	460	364U	P465	364UTFS4036		\$7,137	E9	94.1	46.5	32.00	AH
	1200	460	404U	P467	404UTFS4086		\$9,320	E9	93.6	49.0	35.50	AH
50	3600	460	365US	P471	365USTFS4001		\$7,036	E9	94.1	56.0	30.38	AH,NS
	1800	460	365U	P472	365UTFS4036		\$8,372	E9	94.5	57.0	33.00	AH,VB
	1800	460	365U	P360	365UTFS8036		\$6,691	E9	93.0	57.0	33.00	AQ
	1200	460	405U	P474	405UTFS4086		\$10,765	E9	94.1	59.0	37.00	AH
60	3600	460	405US	P478	405USTFS4001		\$8,371	E9	94.1	65.5	34.12	AH,VB
	1800	460	405U	P479	405UTFS4036		\$10,394	E9	95.0	67.5	37.00	AH,VB
	1800	460	405U	P364	405UTFS17033		\$8,310	E9	93.6	68.5	37.00	AQ
	1200	460	444U	P481	444UTFS4086		\$12,639	E9	94.1	71.0	41.38	AH
	1200	460	444U	P365	444UTFS17077		\$10,103	E9	93.6	71.0	41.38	AQ
75	3600	460	444US	P485	444USTFS4001		\$11,000	E9	94.1	82.0	37.00	AH
	1800	460	444U	P486	444UTFS4036		\$12,819	E9	95.0	85.0	41.38	AH
	1200	460	445U	P488	445UTFN4086		\$14,987	E9	95.0	90.0	43.51	AH
100	3600	460	445US	P492	445USTFN4001		\$14,536	E9	95.4	113	38.94	AH
	1800	460	445U	P493	445UTFN4036		\$15,938	E9	95.4	113	43.51	AH,VB

Blue shaded areas are Cast Iron Frames

DEFINITE PURPOSE

Automotive Duty, U-Frame: GM 7EQ, GM 7EH, Ford EM-1, and Chrysler NPEM-10

Three Phase, Totally Enclosed

Applications: For use in plants that require automotive approved motors. These motors are designed to meet the mechanical and electrical requirements of Daimler Chrysler NPEM-100, Ford EM-1, and General Motors GM 7EH and GM 7EQ specifications.

Features:

- **Premium efficiency conforms to GM 7EH**
- **Satisfies Ford EM-7, Daimler Chrysler NPEM-100 and GM-7EQ**
 - Cast iron construction
 - Oversized, fully gasketed, cast iron conduit box
 - Oversized ball bearings
 - NEMA Design B
 - Class F insulation
 - 1.0 Service Factor at 65°C ambient, 1.15 Service Factor at 40°C ambient
 - V-Ring shaft seals
 - Five year warranty



DEFINITE PURPOSE

C-Face Footless

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182UC	P612	182UTTS4028		\$855	E9	87.5	1.5	12.96	
	1200	460	184UC	P613	184UTTS4080		\$1,032	E9	86.5	1.7	13.96	
1 1/2	1800	460	184UC	P614	184UTTS4028		\$912	E9	88.5	2.1	13.96	
	1200	460	184UC	P615	184UTTS4081		\$1,134	E9	87.5	2.2	13.96	
2	1800	460	184UC	P616	184UTFS4028		\$959	E9	89.5	2.6	16.22	
	1200	460	213UC	P617	213UTFS4079		\$1,258	E9	87.5	3.1	18.58	NS
3	1800	460	213UC	P618	213UTFS4028		\$1,103	E9	88.5	4.0	18.58	NS
	1200	460	215UC	P619	215UTFS4079		\$1,544	E9	89.5	4.4	20.08	NS
5	1800	460	215UC	P620	215UTFS4028		\$1,441	E9	89.5	6.5	20.08	NS
	1200	460	254UC	P621	254UTFNA4079		\$2,141	E9	90.2	6.7	25.51	
7 1/2	1800	460	254UC	P622	254UTFPA4028		\$1,893	E9	91.7	9.6	23.94	
	1200	460	256UC	P623	256UTFNA4079		\$2,714	E9	91.0	9.9	25.51	
10	1800	460	256UC	P624	256UTFPA4028		\$2,281	E9	91.7	12.5	25.69	
	1200	460	284UC	P625	284UTFPA4079		\$3,370	E9	91.0	13.1	26.50	
15	1800	460	284UC	P626	284UTFPA4028		\$3,165	E9	92.4	18.0	26.50	
20	1800	460	286UC	P627	286UTFPA4028		\$3,853	E9	93.0	24.1	28.00	
25	1800	460	324UC	P628	324UTFS4028		\$4,884	E9	94.1	30.0	29.25	
30	1800	460	326UC	P629	326UTFS4028		\$5,664	E9	94.1	35.5	30.75	
	1200	460	365UC	P630	365UTFS4088		\$7,642	E9	93.0	37.0	33.00	
40	1800	460	364UC	P631	364UTFS4028		\$7,543	E9	94.1	47.0	32.00	
50	1800	460	365UC	P633	365UTFS4028		\$8,778	E9	94.5	57.0	33.00	
60	1800	460	405UC	P635	405UTFS4028		\$10,878	E9	95.0	67.5	37.00	
75	1800	460	444UC	P637	444UTFS4028		\$13,418	E9	95.0	85.0	43.38	
100	1800	460	445UC	P639	445UTFN4028		\$16,533	E9	95.4	113	43.50	

C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182UC	P512	182UTTS4027		\$855	E9	87.5	1.5	12.96	
	1200	460	184UC	P513	184UTTS4077		\$1,032	E9	86.5	1.7	13.96	
1 1/2	1800	460	184UC	P515	184UTTS4027		\$912	E9	88.5	2.1	13.96	
	1200	460	184UC	P516	184UTTS4079		\$1,134	E9	87.5	2.2	13.96	

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Automotive Duty, U-Frame: GM 7EQ, GM 7EH, Ford EM-1, and Chrysler NPEM-10

Three Phase, Totally Enclosed

C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
2	1800	460	184UC	P518	184UTFS4027		\$959	E9	89.5	2.6	16.28	
	1200	460	213UC	P519	213UTFS4078		\$1,258	E9	87.5	3.1	18.58	NS
3	3600	460	184UC	P520	184UTFS4004		\$977	E9	87.5	3.8	16.28	
	1800	460	213UC	P521	213UTFS4027		\$1,103	E9	88.5	4.0	18.58	NS
	1200	460	215UC	P522	215UTFS4078		\$1,544	E9	89.5	4.4	20.08	NS
5	1800	460	215UC	P524	215UTFS4027		\$1,441	E9	89.5	6.5	20.08	NS
	1200	460	254UC	P525	254UTFNA4078		\$2,141	E9	90.2	6.7	23.77	
7 1/2	1800	460	254UC	P527	254UTFPA4027		\$1,893	E9	91.7	9.6	23.89	
	1200	460	256UC	P528	256UTFNA4078		\$2,714	E9	91.0	9.9	25.52	
10	1800	460	256UC	P530	256UTFPA4027		\$2,281	E9	91.7	12.5	25.64	
	1200	460	284UC	P531	284UTFPA4078		\$3,370	E9	91.0	13.1	26.52	
15	1800	460	284UC	P533	284UTFPA4027		\$3,165	E9	92.4	18.0	26.52	
	1200	460	324UC	P534	324UTFS4078		\$4,587	E9	92.4	19.0	29.25	
20	1800	460	286UC	P536	286UTFPA4027		\$3,853	E9	93.0	24.1	28.02	
	1200	460	326UC	P537	326UTFS4078		\$5,549	E9	92.4	25.0	30.75	
25	3600	460	324UC	P538	324UTFS4002		\$3,795	E9	93.6	28.0	29.25	
	1800	460	324UC	P539	324UTFS4027		\$4,884	E9	94.1	30.0	29.25	
	1200	460	364UC	P540	364UTFS4087		\$6,800	E9	93.0	31.0	32.00	
75	1800	460	444UC	P554	444UTFS4027		\$13,418	E9	95.0	85.0	41.38	

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