

Farm Rated[®] Motor Catalog

Featuring Century[®] Products

Bulletin 1401A



AC Smith[®]
Innovation has a name.

Farm Rated® Motor Cross Reference

AOS CAT. NO.	BALDOR	DAYTON	GE	LEESON	MARATHON
486A	YPC164A	4M196		191891	X923
647A	YPC264A			191892	X924
648A	YPC244A			191912	X925
914				191872	
915				191875	
970A	YPC244A	4M255		191671	X921
971					
9451	YPC144A	4M254		191872	X920
9452A	YPC344A	4M256		191873	X922
648V1	YPC3624A			191912	
B221	AFL3520A	4K058	C1467	111332	F120
B222	AFL3521A	4K059	C1468	111333	F107
B587				113939	
B592				113939	
C042A	CHC3413A	4M251	H649	100803	X024/X030
C043A	CHC3416A	4M252	H648	100804	X025/X031
C044A	CHC3523A	4M253	H647	111323	X026/X032
C045A	CHC3414A	4M042		100824	X027
C046A	CHC3417A	4M041		100825	X028
C047A	CHC3525A	4M040		111321	X029
C048	CHC3526A			111919	
C310	FDL3501M	6K710	F13e1	113256	F101
C310C	CFDL3501M				
C311	FDL3504M	6K714	F12e1	110086	F102
C311C	CFDL3504M				
C312	FDL3507M	6K719	F34e1	110087	F103
C312C	CFDL3507M				
C313	FDL3510M	6K727	F10e1	110088	F104
C313C	CFDL3510M				
C314	FDL3514M	6K740	F100	110089	F105
C314C	CFDL3514M				
C317V1	GSL3509M	6K981		111330	X902
C319	FDL3516TM	4K090	F787	110090	Z128
C319C	CFDL3516TM				
C330	ANFL3501M	3K994	C1291	101435	F201
C331	ANFL3504M	3K995	C1292	101436	F202
C332	ANFL3507M	3K996	C1293	101437	F203
C333	ANFL3510M		C1294	118802	F204
C337				114932	
C338	IR3507M			114932	
C339	IR3510M			114933	
C340	ANFL3514M		C1295	113280/113301	F205
C580				M009580	X913
C588					X912
C752				113768	
F500					X904
F501					X900
F683				100825	
K102	FDL3510TM	6K994	F835	121569	Z123
K103	FDL3514TM			113938	
K104	FDL3514TM	6K311	F15e1	113938	Z118
K116	AFL3524A	4K062	C1275	120376	F110
K117	AFL3522A	4K060	C1273	120374	F108
K118	AFL3523A	4K061	C1274	120375	
K204	FDL3611M			131541	Z112
K205	FDL3619TM	6K881	F788	131542	Z113
K208	FDL3612TM	6K882	F90	131543	Z114
K213	FDL3611TM	6K887/6K313	F786/F787	131541	Z119
K214	FDL3619TM	6K310	F789	131542	Z120
K215	FDL3612TM	6K847	F792	131543	Z121
K220	UCCE570	4K092		131847	Z305
K221	UCCE759			131848	Z307
K236				101651	
K300	FDL3731M	6K883	F791	140203/140223	Z117
K301	FDL3732M			140209	Z115
K302	FDL3737TM	6K885	F795	140414	Z116
K311	L3710T	6K884/6K969	F798	140707	Z122
K312	L3712T	6K970		140708	
K321	UCCE10150	4K094		140640	Z308
PD6104A				111267	
PD6104AV1			M009782	111333	
R243	UCM713			131850	Y303
R244	UCM575			131849	Y302
R327	UCME1014			140641	Y304
V209	L1410T			131537	Z124
V303	GDL1610T			140311	Z126
V305	GDL1607T			140155	Z125



TESTED



PROVEN





RELIABLE



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Aeration Fan Motors by Century®

Fan Duty Only – Single & Three Phase – Totally-Enclosed Air-Over Rigid Base – 3600 RPM – 1/2 thru 3-4 HP

Features: • Ball Bearings • Class B Insulation • 60 Hz • Service Factor 1.0 • 40°C Ambient • Reversible

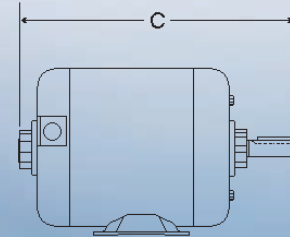
Applications: Direct replacement for many OEM models.



HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft Diameter and Length	"C" Dim.	Efficiency	Notes
Single Phase										
1/2	3600	115/230	6.4/3.2	48Z	B666		1/2" x 2"	Auto	10.4	14,45
1/2	3600	115/230	5.8/2.9	56	B220		5/8" x 1-7/8"	Auto	11.1	70
3/4	3600	115/230	8.0/4.0	56	B221		5/8" x 1-7/8"	Auto	11.4	70
1	3600	115/230	9.2/4.6	56	B222		5/8" x 1-7/8"	Auto	12.2	70
1-1/2	3600	230	6.5	143T	K117		7/8" x 2-1/4"	Auto	12.6	70,182
2	3600	230	8.4	145T	K118		7/8" x 2-1/4"	Auto	13.1	70,182
3-4	3600	230	12.4-17.0	145T	K112		7/8" x 2-1/4"	Thermostat	13.8	5,116,182,\$
3	3600	230	15.4	145T	K116		7/8" x 2-1/4"	Thermostat	13.8	70,116,182
Three Phase										
3/4	3600	208-230/460	2.6-2.4/1.2	56	H041		5/8" x 1-7/8"	None	11.1	
1	3600	208-230/460	2.8-2.7/1.35	56	H042		5/8" x 1-7/8"	None	11.1	
1-1/2	3600	208-230/460	4.4-4.2/2.1	143T	R180		7/8" x 2-1/4"	Thermostat	12.1	116,182
2	3600	208-230/460	7.1-6.8/3.4	145T	R181		7/8" x 2-1/4"	Thermostat	12.1	116,182
3-4	3600	230/460	8.4/4.2	145T	R155		7/8" x 2-1/4"	Thermostat	12.1	116,177,182

Notes:

- 5. \$ Energy efficient two value capacitor start capacitor run motor
- 14. Totally enclosed, non-ventilated
- 31. 40 Degree C ambient
- 45. Capacitor start
- 70. Permanent split capacitor
- 116. Temperature sensitive thermostat with two leads for connection to external control
- 177. Meets the requirements of the Energy Policy Act of 1992
- 182. Locked bearing on drive end



Aeration Fan Motors by Century®



Air Compressor Motors by Century®

OEM Special Replacements – Dripproof – Rigid Base – Single Phase Capacitor Start/Capacitor Run



B385

Features:

Non-Reversible—Connected for CW Facing End Opposite Shaft • Energy Efficient \$ • 60 HZ • 40°C Ambient • Class B Insulation • Manual Protector

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Wt.	Sears Part Number	“C” Dim.	Notes
2 SPL	3600	115/230	15.0/7.5	1.0	56	B381			11.3	\$
3 SPL	3600	115/230	15.0/7.5	1.0	56	B383			11.6	\$
5 SPL	3600	208-230	15.0	1.0	56	B385			12.6	\$
SPL3600	230	16.6			56H	B215		M0706	113.4	\$

Rigid Base – 3600 & 1800 RPM – 1/2 thru 6 HP Single Phase

Features:

- Ball Bearings
- 60 Hz
- Class B or F Insulation
- 40°C Ambient
- Continuous Duty
- Rigid Base
- Open Construction



CP1152L



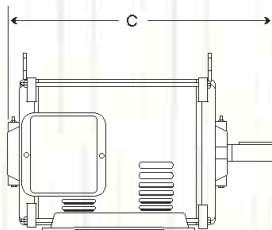
B813

Applications: Designed for air compressor loads. May be suitable for other applications having similar loads.

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Overload Protector	Rotation	Insulation Class	“C” Dim	Efficiency	Notes
1/2	3600	115/230	9.6/4.8	1.00	56	B685	Manual	CWLE	B	11.0		
3/4	3600	115/230	12.5/6.75	1.00	56	CP1072L	Manual	REV	B	10.6		
1	3600	115/230	12.0/6.0	1.00	56	CP1102L	Manual	REV	B	11.4		
1-1/2	3600	115/230	12.5/6.3	1.00	56	CP1152L	Manual	REV	B	11.9		85,\$
2	3600	115/230	22.2/11.1	1.00	56	CP1202L	Manual	REV	B	12.7		
3	3600	208/230	13.1/12.3	1.00	56	CP1302L	Manual	REV	B	12.7		85,\$
		230	15.0	1.00	56	B812	Manual	CWLE	B	12.1		1,85,\$
5	3600	115/230	34.0/17.0	1.15	184T	V201	None	REV	B	14.7	77.0	
		230	19.7	1.00	56HZ	CP1502L	Manual	REV	B	14.1		15,85,\$
5	3600	230	22.0	1.00	56HZ	B813	Manual	CWLE	B	14.1		85,\$
		208-230	22.0	1.15	56HZ	B386	Manual	CWLE	B	14.6		85,\$
		208-230	22.0	1.15	56Y	B384	Manual	CWLE	B	14.6		85,97,320,\$
		230	25.6	1.15	184T	V211	None	REV	B	14.7	77.0	
6	3600	230	24.0	1.15	184T	V208	None	REV	F	15.0	82.0	85,\$
6	3600	230	24.0	1.00	56Y	B387	Manual	CWLE	B	14.6		85,97,298,\$
SPL	3450	230	15.0	1.00	56H	CP1502LV1	Manual	REV	B	12.8		85,180,\$

Notes:

- Item to be discontinued when stock is depleted
- 56HZ = 7/8" x 2-1/4" Shaft
85. Energy efficient \$ - capacitor start/run
97. 182T and 184T mounting holes, 4.5" shaft height
180. Low AMP replacement for a variety of O.E.M. "Special" and "SPL 5" horsepower requirements
298. 2-1/4" x 7/8" keyed shaft
320. 56Y = 7/8" diameter keyed shaft, 2.25" long



Air Compressor Motors by Century®

Auger Drive Motors by Century®

Direct Drive – Capacitor Start – Totally Enclosed Fan Cooled No Base – 1800 RPM – 1/3 thru 1-1/2 HP



C332

Features:

- New “N” Flange Bracket
- Torque Switch and Governor
- Double Sealed Ball Bearing
- 60 Hz
- 40°C Ambient
- High Starting Torque
- Service Factor 1.0
- Reversible
- Manual Overload
- Class B Insulation

Applications: Designed for direct drive poultry and swine auger feeding systems.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft	“C” Dim.	Notes
1/3	1800	115/230	5.5/2.8	56N	C330		1/2 x 1.75	9.6	14
1/2	1800	115/230	7.2/3.6	56N	C331		1/2 x 1.75	12.4	
3/4	1800	230/115	5.2/10.4	56N	C332		1/2 x 1.75	12.4	
1	1800	230/115	6.0/12.0	56N	C333		5/8 x 2.10	13.3	
1-1/2	1800	230/115	6.6/13.2	56N	C340		5/8 x 2.10	14.5	

Centrifugal Fan Motors by Century®

Single & Three Phase – Dripproof – Rigid Base – 1800 RPM – 5 thru 30 HP



E457

Features:

- Ball Bearings
- Class B or F Insulation
- 40°C Ambient
- 60 Hz
- Reversible
- Service Factor 1.15

Applications: Centrifugal fans and blowers, barn coolers, poultry house coolers, livestock and poultry house temperature control.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Insulation Class	“C” Dim.	Efficiency	Notes
Single Phase Capacitor Start Capacitor Run										
5	1800	230	22.0	184T	V209		F	15.0	82.0	
7-12	1800	230/460	32.0/16.0	215T	V305		B	17.3	86.0	80
10	1800	230/460	38.0/19.0	215T	V303		F	18.0	86.5	80
Three Phase										
5	1800	230/460	12.8/6.4	184T	E227M ☼		F	13.7	87	44
7-12	1800	200-230/460	22.4-19.4/9.7	213T	E300M ☼		F	17.5	88.5	
10	1800	230/460	26.8/13.4	215T	E301M ☼		F	17.5	89.5	
15	1800	200-230/460	41.0-37.4/18.7	254T	E449V1 ☼		F	22.1	91.0	11,88
20	1800	200-230/460	56.0-49.6/24.8	256T	E457 ☼		F	22.1	91.0	88
25	1800	200-230/460	70.5-60.6/30.3	284T	E546 ☼		F	24.2	91.7	88
30	1800	200-230/460	85.0-75.0/37.5	286T	E548 ☼		F	24.2	92.4	88

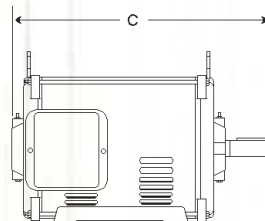
Notes:

- 11. C flange kit available
- 14. Totally enclosed non-ventilated
- 44. CCWLE rotation
- 80. Large capacitor/terminal box construction
- 88. C & D flange kit adaptable, ODP, EMI Series 850000

Published efficiency on tri-voltage rated motors applies at 230/460 volts. Performance at 200 or 208 volts may not be in accordance with NEMA standards.



Motors specially designed, tested and warranted to be **Corona-Free** for compatible inverter duty are marked on this page with a ☼.



Auger Drive & Centrifugal Fan Motors by Century®

Crop Dryer Motors by Century®

Direct Drive Only – Single & Three Phase – Dripproof Air-Over & Totally Enclosed Air-Over – Rigid Base – 3600 & 1800 RPM 5-7 thru 10-14 HP

Features:

- Ball Bearings
- 60 Hz
- 50°C Ambient
- Class F Insulation
- Service Factor 1.0
- Reversible
- Winding Thermostats
- Moisture Resistant
- Rust-Resistant Rotor
- Switchless Design
- Copper Wire Wound
- Shaft Drilled & Tapped in End
- Long Leads



Applications: For tubeaxial and vaneaxial direct drive dryers.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft Diameter and Length	"C" Dim.	Efficiency	Notes
Single Phase • Permanent Split Capacitor • Open Dripproof Air-Over										
5-7	3600	200-230	32.0-28.0	184TZ	K220		1-1/8" x 4-1/2"	17.9	81.0	
7-10.5	3600	200-230	48.0-41.0	184TZ	K221		1-1/8" x 4-1/2"	18.8	82.0	
7.5-10.5	3600	200-230	43.0-38.0	215TZ	K320		1-1/8" x 4-1/2"	19.9	84.4	
10-12	1800	230	40.0-48.0	215TZ	K327		1-3/8" x 5-1/2"	21.9	83.0	31
10-14	3600	200-230	57.0-52.0	215TZ	K321		1-1/8" x 4-1/2"	20.9	86.5	
Single Phase • Permanent Split Capacitor • Totally Enclosed Air-Over										
7-10.5	3600	200-230	45.0-40.0	184TZ	K236		1-1/8" x 4-1/2"	21.0	83.5	
Three Phase • Totally Enclosed Air-Over										
5-7	3600	208-230/460	19.0-17.0/8.5	184TZ	R244		1-1/8" x 4-1/2"	17.1	84.0	
7-10.5	3600	208-230/460	27.0-25.0/12.5	184TZ	R243		1-1/8" x 4-1/2"	20.0	84.0	
10-14	3600	230/460	36.0/18.0	215TZ	R327		1-1/8" x 4-1/2"	20.0	88.0	

Cow Cooler Motors by Century®

Features:

- Ball Bearings
- Capacitor Start Capacitor Run
- Class B Insulation
- Low Starting Torque
- Reversible
- Rigid Base
- Service Factor 1.0
- Single Phase
- Totally Enclosed, Air Over
- 1 thru 1.5 / .44 HP
- 40°C Ambient
- 60 Hz
- 1800 & 1800/1200 RPM
- Energy Efficient \$



Applications: Environments requiring air movement.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Overload Protector	"C" Dim.	Notes
Single Speed									
1	1800	115/230	9.6/4.8	56H	C593		Manual	12.69	\$
1-1/2	1800	115/230	17.0/8.5	56H	C594		Manual	12.69	\$
Two Speed									
1.0~.29	1800/1200	115	11.4/6.4	56H	C596		Manual	12.69	181.\$
1.0~.29	1800/1200	230	5.3/3.0	56H	C597		Manual	12.19	181.\$
1.5~.44	1800/1200	115	15.6/9.1	56H	C595		Manual	13.94	181.\$
1.5~.44	1800/1200	230	7.4/4.4	56H	C598		Manual	13.19	181.\$

Notes:

181. Loose lead construction.



Farm Building Belted Motors by Century®

Features:

- Automatic Reset Overload Protector
- Class B Insulation
- Resilient & Rigid Base
- Double Sealed Ball Bearings
- Extended Thru-Bolts 3/4" Past Nut
- Reversible
- Single Phase
- Split Phase & Capacitor Start Capacitor Run
- Totally Enclosed Air Over
- 1/3 thru 1 HP
- Service Factor 1.0
- 1800 RPM
- Energy Efficient \$
- 40°C Ambient
- 60 Hz



C580

Applications: Designed for dirty environments such as poultry houses, barns, etc. fan & belted fan only.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Base	"C" Dim.	Notes
SPLIT PHASE									
1/3	1800	230/115	2.3/4.6	48Z	F500		Cushion	11.27	1,141
1/3	1800	230/115	2.2/4.4	48Z	F500L		Cushion	11.21	141
1/2	1800	230/115	3.5/7.0	56Z	F501		Cushion	11.07	141
1/2	1800	230/115	3.5/7.0	56	F502		Cushion	11.07	
CAPACITOR START CAPACITOR RUN									
1/2	1800	115/230	6.4/3.2	56	C588		Cushion	11.44	\$
1/2	1800	230/115	3.2/6.4	56	C580		Rigid	11.44	\$
3/4	1800	230/115	3.6/7.2	56	C581		Rigid	11.94	\$
1	1800	230/115	4.8/9.6	56	C582		Rigid	12.44	\$
1	1800	230/115	4.3/8.6	56	C782		Rigid	12.19	312,\$

Notes:

1. Item to be discontinued when stock is depleted
141. Shaft diameter is 1/2", N=1.94" with .04" deep flat 1.88" long
312. 1.40 Service Factor



Farm Building Direct Drive Fan Motors by Century®

Features:

- Auto Protector
- Class B Insulation
- Direct Drive
- Double Sealed Ball Bearings
- Extended 10-32 Thru-bolts 3/4" Past Nut
- Fully Gasketed
- Reversible
- Service Factor 1.0
- Single Phase
- 60 Hz
- 40°C Ambient
- Totally Enclosed, Air Over

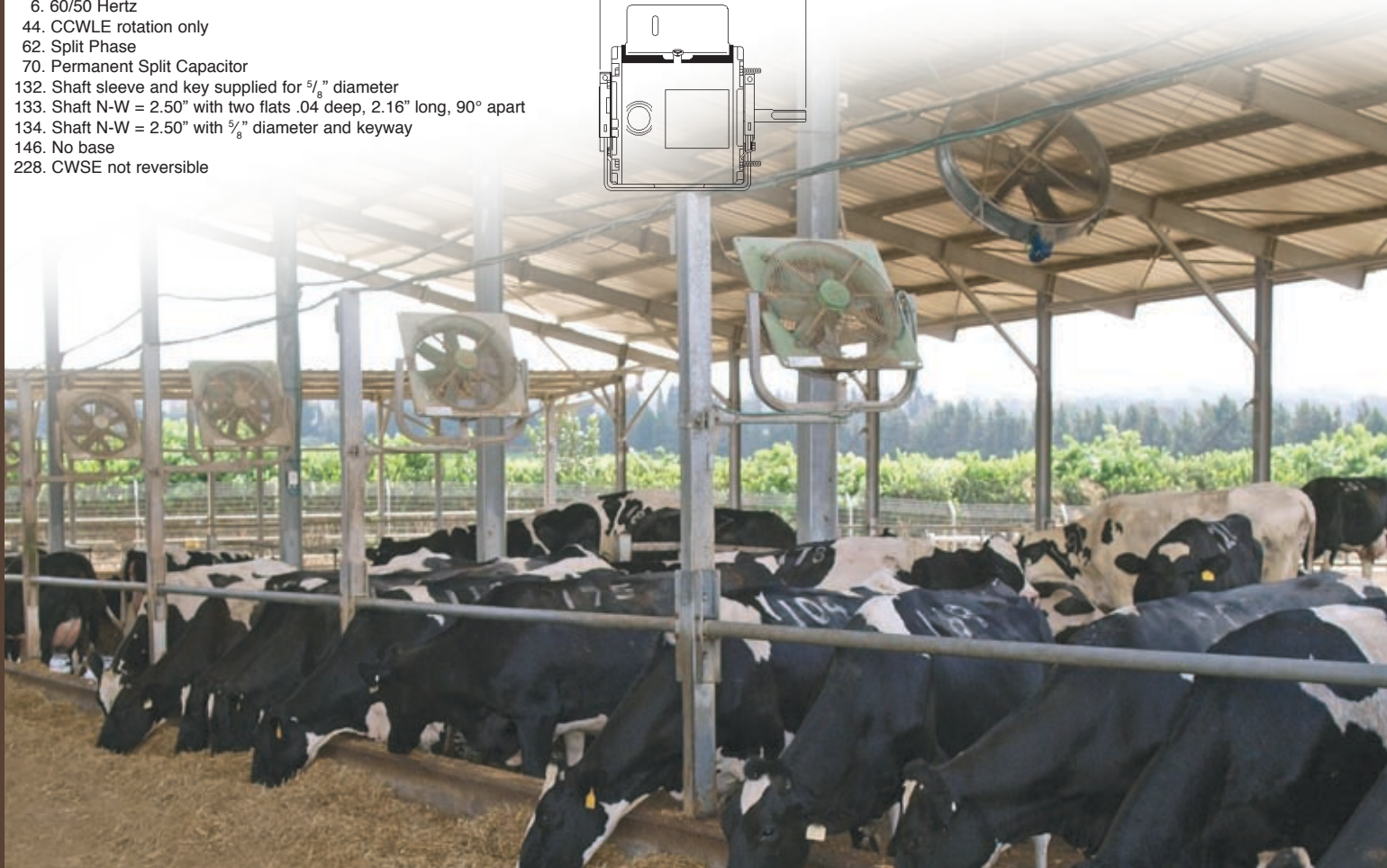
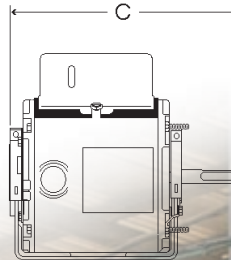


Applications: Designed for farm air movement applications.

HP	RPM	Speeds	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft	"C" Dim.	Notes
RESILIENT BASE										
1/4	1700	1	115/230	3.4/1.7	48Z	C042A		1/2 x 3-1/8	10.1	70,132,133
1/4	1100	1	115/230	4.0/2.0	48Z	C045A		1/2 x 3-1/4	9.3	70,132,133
1/4	1100	2	115	3.4	48Z	C059A		1/2 x 3	10.1	70
1/3	1725	1	115/230	3.6/1.8	48Z	C043A		1/2 x 3-1/8	10.1	70,132,133
1/3	1100	1	115/230	4.2/2.3	48Z	C046A		1/2 x 3-1/4	10.0	70,132,133
1/2	1700	1	115/230	5.5/2.8	48Z	C044A		1/2 x 3	11.0	70,132,133
1/2	1100	1	115/230	6.5/3.25	48Z	C047A		1/2 x 3-1/8	11.1	70,132,133
1/2	900	1	115/230	7.1/3.6	48Z	C039A		1/2 x 2-1/2	11.0	70,132,133
1/2	900	1	115/230	6.6/3.3	56Z	C048		5/8 x 2-1/2	12.1	70,134
THRU BOLT MOUNT (10-32 UNF-2A)										
1/3	1800	1	115	4.8	56Z	F683		1/2 x 2	11.12	62
1/3	1800/900	2	115	5.5/3.1	56Y	F684		1/2 x 2	11.12	62
1/3	1200	1	115	4.7	48Z	971		1/2 x 2	6.80	1,3,70,146,228
RIGID BASE										
1	900	1	230	5.1	56CZ	C783		5/8 x 3-1/4	14.22	6,44,70

Notes:

- Item to be discontinued when stock is depleted
- Special OEM replacement motor
- 60/50 Hertz
- CCWLE rotation only
- Split Phase
- Permanent Split Capacitor
- Shaft sleeve and key supplied for 5/8" diameter
- Shaft N-W = 2.50" with two flats .04 deep, 2.16" long, 90° apart
- Shaft N-W = 2.50" with 5/8" diameter and keyway
- No base
- CWSE not reversible



Farm Rated Motors by Century®

Single Phase – Capacitor Start – Totally-Enclosed Fan-Cooled Rigid Base and Rigid Base with C-Face – 1800 RPM – 1/3 thru 2 HP

Features:

- High Starting Torque
- 60 Hz
- Ball Bearings
- Reversible
- Class B Insulation
- Bearings Lubricated with Low Temperature Grease
- 40°C Ambient



C312

Applications: Fans and blowers, feed lot conveyors, liquid manure spreaders, unloaders, compressors, storage bin conveyors.

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Wt.	Overload Protector	"C" Dim.	Notes
1/3	1800	115/230	5.2/2.6	1.25	56	C310		Manual	11.1	14
		115/230	5.2/2.6	1.25	56C	C310C		Manual	11.1	14
1/2	1800	115/230	7.2/3.6	1.25	56	C311		Manual	12.2	
		115/230	7.2/3.6	1.25	56C	C311C		Manual	12.2	
3/4	1800	230/115	5.2/10.4	1.15	56	C312		Manual	12.6	
		115/230	10.4/5.2	1.15	56C	C312C		Manual	12.6	
1	1800	230/115	6.0/12.0	1.15	56	C313		Manual	13.4	
		115/230	12.0/6.0	1.15	56C	C313C		Manual	13.4	
1-1/2	1800	230/115	7.5/15.0	1.15	56	C314		Manual	13.9	5,\$
		115/230	15.0/7.5	1.15	56C	C314C		Manual	13.9	5,\$
2	1800	230	9.0	1.15	56HZ	C319		Manual	15.0	5,\$

Notes:

5. \$ Energy Efficient two value capacitor start capacitor run motor 14. Totally enclosed non-ventilated

Capacitor Start Enclosed Rigid Base Motors Industrial and Farm Duty Applications

Features:

- Ball Bearing
- Continuous Duty
- Reversible
- 60 HZ
- Capacitor Start
- Energy Efficient \$
- 40°C Ambient
- 3450, 1725 & 1140 RPM



K100

Applications:

Compressors, conveyors, machine tools, pumps, air conditioning. Special service motors: air circulating fans, evaporative coolers, home workshops.

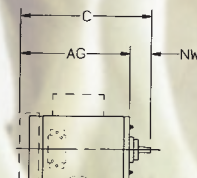
HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Protector	Insul. Class	Approx. "C"	Dim "AG"	Enclosure	Notes	
1/2	3450	115/208-230	7.4/3.7-3.7	1.15	56	B621	None	B	11.2	9.3	TEFC		
		1725	115/208-230	7.2/3.5-3.6	1.15	56	C612	None	B	12.2	10.3	TEFC	
		115/208-230	7.2/3.5-3.6	1.15	56	C613	Auto	A	12.2	10.3	TEFC		
3/4	3450	208-230/115	5.0-4.6/9.2	1.15	56	B664	None	B	12.2	10.3	TEFC		
		1725	208-230/115	5.4-5.2/10.4	1.15	56	C669	None	B	12.6	10.7	TEFC	
		208-230/115	5.4-5.2/10.4	1.15	56	C671	Auto	B	12.6	10.7	TEFC		
1	3450	208-230/115	6.1-6.0/12.0	1.15	56	B674	None	B	12.2	10.3	TEFC		
		208-230/115	6.1-6.0/12.0	1.15	56	B695	Manual	B	12.2	10.3	TEFC		
	1725	208-230/115	7.2-7.5/15.0	1.15	56	C683	None	B	13.4	11.4	TEFC		
		208-230/115	6.2-6.0/12.0	1.15	56	C685	Auto	B	13.4	11.4	TEFC		
		115/208-230	15.0/7.7-7.5	1.15	143T	K100	None	B	13.7	11.4	TEFC		
1-1/2	3450	208-230/115	8.3-8.0/16.0	1.15	56	B762	None	B	12.7	10.7	TEFC		
		1725	208-230/115	7.7-7.5/15.0	1.15	56H	C693	None	B	13.9	11.9	TEFC	85,\$
		208-230/115	7.8-7.5/15.0	1.15	56H	C686	Auto	B	13.9	11.9	TEFC	85,\$	
2	3450	208-230/115	9.1-8.4/16.6	1.15	56H	B697	Manual	B	14.4	12.4	TEFC	85,\$	

Notes:

85. Energy efficient \$ - capacitor start/run full load amps listed at 60 Hz

Shaft Dimensions

- 56 = 5/8" Keyed x 1-7/8"
- 56H = 5/8" Keyed x 1-7/8"
- 143T/145T = 7/8" Keyed x 2-1/4"
- 182T/184T = 1-1/8" Keyed x 2-7/8"
- 213T/215T = 1-3/8" Keyed x 3-1/2"



Farm Rated Motors by Century®

High Torque Single Phase – Capacitor Start & Two Value Capacitor Designs Rigid Base – 1800 & 1200 RPM – 1 1/2 thru 10 HP

- Features:**
- Ball Bearings
 - 60 Hz
 - Class B or F Insulation
 - Energy Efficient \$
 - Service Factor 1.0
 - 40°C Ambient
 - Reversible



Applications: Vacuum pumps, compressors, conveyors and feeders.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Overload Protector	Insulation Class	"C" Dim.	Efficiency	Notes
Totally-Enclosed Fan-Cooled											
1-1/2	1800	230/115	7.5/15.0	145T	K104		Manual	B	15.0		5,102,\$
2	1800	115/230	24.0/12.0	182T	K213		Manual	F	15.7	72.5	
		230/115	8.7/17.4	182TZ	K119		Manual	B	15.5	80.7	5,\$
3	1800	230	16.0	184T	K214		Manual	F	15.7	78.5	
5	1800	230	20.0	184T	K215		Manual	F	19.0	84.0	5,\$
		230	23.0	213T	K310		Manual	B	17.6	81.0	5,\$
7-1/2	1800	230	34.0	215T	K311		Manual	B	19.1	84.0	5,\$
10	1800	230	38.0	215T	K312		Manual	F	19.1	87.5	5,\$

Surge Replacement Applications: Designed for replacement on "Surge" pumps.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Overload Protector	Insulation Class	"C" Dim.	Efficiency	Notes
5-1/2	1200	230	28.2	215T	V308		Manual	F	17.8	79.9	5,159,214,\$

Extra High Torque Motors – Single & Three Phase – Totally-Enclosed Fan-Cooled – Rigid Base and Rigid Base with C-Face – 1800 RPM – 1 thru 10 HP

- Features:**
- High Starting Torque
 - Ball Bearings
 - Class B or F Insulation
 - 40°C Ambient
 - 60 Hz
 - Reversible
 - Service Factor 1.0
 - All Parts Corrosion Resistant
 - Removable Condensate Drain Plugs



Applications: Designed for high starting torque loads (300-400% of full load torque). Barn cleaners, silo unloaders, stock feeding conveyors, other heavy duty farm applications.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft Dia. & Length	Overload Protector	Insulation Class	"C" Dim.	Efficiency	Notes
Single Phase • Capacitor Start												
1	1800	115/230	14.6/7.3	143T	K102		7/8"x2-1/4"	Manual	B	14.2		
		115/230	14.6/7.3	143TC	K102C		7/8"x2"	Manual	B	14.4		
1-1/2	1800	115/230	16.2/8.1	145T	K103		7/8"x2-1/4"	Manual	B	14.2		5,\$
		115/230	16.2/8.1	145TC	K103C		7/8"x2"	Manual	B	14.4		5,\$
2	1800	115/230	24.0/12.0	182TZ	K204		7/8"x2-3/4"	Manual	F	15.7	71.0	183
		115/230	24.0/12.0	182TCZ	K204C		7/8"x2-5/8"	Manual	F	16.4	71.0	183
3	1800	230	13.7	184T	K205		1-1/8"x2-3/4"	Manual	F	16.2	83.0	5,183,\$
		230	13.7	184TC	K205C		1-1/8"x2-5/8"	Manual	F	16.9	83.0	5,183,\$
5	1800	230	22.0	184T	K208		1-1/8"x2-3/4"	Manual	F	17.4	79.0	5,183,\$
		230	22.0	184TC	K208C		1-1/8"x2-5/8"	Manual	F	16.9	79.0	5,183,\$
		230	26.0	215TZ	K300		1-1/8"x3-1/2"	Manual	B	19.2	78.6	183
		230	26.0	215TCZ	K300C		1-1/8"x3-1/8"	Manual	B	19.9	78.6	183
7-1/2	1800	230	38.0	215TZ	K301		1-1/8"x3-1/2"	Manual	B	19.1	82.0	5,183,\$
		230	38.0	215TCZ	K301C		1-1/8"x3-1/8"	Manual	B	19.9	82.0	5,183,\$
10	1800	230	39.0	215T	K302		1-3/8"x3-1/2"	Manual	F	19.1	86.5	5,183,\$
		230	39.0	215TC	K302C		1-3/8"x3-1/8"	Manual	F	19.9	86.5	5,183,\$
Three Phase												
1	1800	230/460	3.0/1.5	143T	N118		7/8"x2-1/4"	Manual	B	14.2	82.5	1,102
1-1/2	1800	230/460	4.2/2.1	145T	N120		7/8"x2-1/4"	Manual	B	14.2		1
3	1800	230/460	10.0/5.0	182T	N218		1-1/8"x2-3/4"	Manual	B	15.8	81.0	183
5	1800	230/460	15.0/7.5	184T	N220		1-1/8"x2-3/4"	Manual	F	16.8	86.0	183
7-1/2	1800	230/460	24.0/12.0	213TZ	N320		1-1/8"x3-3/8"	None	B	17.6	85.5	183
10	1800	230/460	28.0/14.0	215T	N330		1-1/8"x3-3/8"	None	B	17.6	88.0	183

Notes: 1. Item to be discontinued when stock is depleted, 5. \$ Energy Efficient two value capacitor start capacitor run motor, 102. 1.15 service factor 183. Lifting Provisions

Grain Stirring Motors by Century®

Single Phase – Capacitor Start Capacitor Run – Totally-Enclosed Fan Cooled – Rigid Base – 1800 RPM – 1- 1/2 HP

Features:

- Ball Bearings
- Class B Insulation
- Keyed Shaft
- 60 Hz
- Service Factor 1.0
- Moisture Resistant
- 40°C Ambient
- Manual Overload Protector
- 205 Bearing, Shaft End
- Reversible

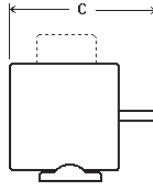


Applications: Designed for interior grain bin installations.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Wiring Dia. Code	Shaft	"C" Dim.	Notes
1-1/2	1800	230	7.4	56Y	C317V1			7/8" x 1.44	13.3	301

Note:

301. 115 volt tap off main winding to power gear drive unit

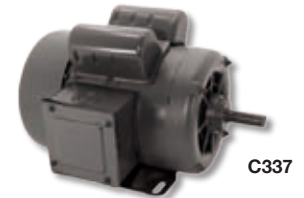


Instant Reverse Motors by Century®

Instant Reverse Motors – Single Phase – Capacitor Start Solid State Switching – Totally Enclosed Fan-Cooled – Rigid Base 1800 RPM – 1/2 thru 1 HP

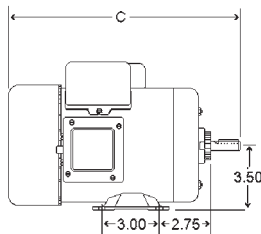
Features:

- Ball Bearings
- 60 Hz
- Dual Voltage
- 40°C Ambient
- Class B Insulation
- Service Factor 1.0
- Low Temperature Grease
- Manual Reset Overload Protector



Applications: Reversing feeders, door openers, gates, machine tools.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Wiring Dia. Code	Overload Protector	"C" Dim.	Notes
PT Stearns SINPAC® Solid State Instant Reverse Switch										
1/2	1800	115/230	7.2/3.6	56	C337			Manual	12.61	
3/4	1800	115/230	10.4/5.2	56	C338			Manual	13.36	
1	1800	115/230	13.0/6.5	56	C339			Manual	13.36	



Grain Stirring & Instant Reverse Motors by Century®

Milk Pump Motors by Century®

Single Phase – Permanent Split Capacitor – Totally-Enclosed Non-Ventilated – Rigid Base – 3600 RPM – 1/2 thru 1 HP

Features:

- Ball Bearings
- 60 Hz
- 40°C Ambient
- Class B Insulation
- Service Factor 1.0
- Stainless Steel Shaft
- Non-Reversible CW Rotation Facing End Opposite Shaft
- Cast Iron NEMA “C” End Bracket
- Weatherproof Features for Washdown



Applications: Milk transfer pump.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft	Overload Protector	“C” Dim.	Notes
1/2	3600	115/230	6.6/3.3	56CZ	B587		Threaded	Auto	11.3	114
		208-230	2.8-2.7	56HCZ	B581		Key	Auto	12.2	1
		208-230	2.8-2.7	56HCZ	B584		Threaded	Auto	12.4	114
3/4	3600	208-230	4.0-3.8	56HCZ	B582		Key	Auto	12.2	
		208-230	4.0-3.8	56HCZ	B585		Threaded	Auto	12.4	114
		208-230	4.0-3.8	56HCZ	B592		Special	Auto	13.4	223,334
1	3600	208-230	4.8-4.5	56HCZ	B583		Key	Auto	12.2	
		208-230	4.8-4.5	56HCZ	B586		Threaded	Auto	12.4	114

Notes:

- Item to be discontinued when stock is depleted
114. Threaded shaft Acme threads
223. Direct replacement for Surge milk pumps, Babson motor #27732, requires 30 MFD,370 VAC capacitor, separately mounted - not supplied
334. Reversible

Zero Tank Replacement PMDC Motor – Totally Enclosed Non-Ventilated – 95 VDC 950 RPM – Intermittent-Duty – 1/2 thru 1 HP

Features:

- Double Sealed Ball Bearings
- Round Frame
- Class F Insulation
- Non-toxic, White Epoxy Paint, FDA Approved for Contact with Food
- Shaft Seal
- All Bracket to Frame Fits and Terminal Cover have Internal O-ring
- Gasketed Brush Access Covers
- Stainless Steel Shaft, with or without O-ring Grooves on Shaft
- 1/2” - 14 Tapped Conduit Hole



Applications: Improved design to replace motors on Zero Milk Tank.

HP	RPM	Volts	Full Load Amps	Stock Number	Wt.	“C” Dim.	O-ring Grooves	Notes
1/2	950	95	5.2	D201		15.2	No	
		95	5.2	D211		15.2	Yes	
1	950	95	11.0	D202		17.2	No	
		95	11.0	D212		17.2	Yes	



Pedestal Fan Motors by Century®

48 & 56 Frame Special Purpose Motors

Features:

- Class B Insulation
- Continuous Duty, Service Factor 1.0
- Thermally Protected
- Permanent Split Capacitor and Split Phase Designs
- Yoke Mount
- 40°C Ambient
- 60 Hz



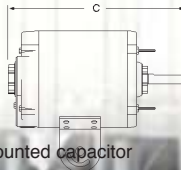
Totally Enclosed
486, 486A, 647A, 648A, 648V1,
969A, 9451, 9451A, 9452A.
Open D.P.: 914, 915, 970A

Totally Enclosed
YA2020, YA2030,
YA2054

HP	RPM	Speeds	Volts	Amps	Frame	Stock Number	Wt.	Bearing	Shaft Dia. & Length	Rotation	"C" Dim.	Notes
1/4	1100	2	115	3.3	48YZ	486		Ball	1/2 x 3	REV	10.3	1,29,86
		2	115	6.1	48Y	486A		Ball	1/2 x 3	CCWLE	10.4	29,86
1/4	1725	1	115	4.2	48YZ	YA2020		Sleeve	1/2 x 2	REV	9.8	39,314
		1	115/230	3.6/1.8	48YZ	9451		Ball	1/2 x 3-1/4	CCWLE	9.0	1
		1	115/230	3.6/1.8	48YZ	9451A		Ball	1/2 x 3-1/4	CCWLE	9.3	
		1	115	6.2	48YZ	914		Sleeve	1/2 x 2	REV	9.9	1
		1	115	5.1	48YZ	914L		Sleeve	1/2 x 2	REV	9.9	
1/3	1100	2	115	4.7	48Y	647A		Ball	1/2 x 3	REV	9.9	26,86
		1	115	6.0	48YZ	YA2030		Sleeve	1/2 x 2	REV	10.3	39,314
	1	115/230	3.0/1.5	48Y	970A		Ball	1/2 x 2-1/2	CCWLE	8.9	3,6	
1/2	1100	2	115	6.1	48Y	648A		Ball	5/8 x 3	REV	10.9	86
		2	115	8.7	48YZ	648V1		Ball	5/8 x 3	REV	10.8	1,86,93
	1725	1	115/230	4.5/2.3	48Y	9452A		Ball	5/8 x 2-1/2	CCWLE	10.2	
		1	115	8.8	48YZ	915		Sleeve	5/8 x 2	REV	10.8	314
		1	115	5.0	48YZ	YA2054		Sleeve	5/8 x 2	REV	10.8	39,84
840	1	115/230	6.1/3.1	48Y	969A		Ball	5/8 x 2-5/8	CCWLE	11.0	3	

Notes:

1. Item to be discontinued when stock is depleted
3. Special OEM motor (See Pages 94-137)
6. 60/50 HZ
26. Extended thru bolts – shaft end only
29. 60 Degree C Ambient
39. Gasketed conduit box
84. Energy Efficient split phase start capacitor run with mounted capacitor
86. Cord and plug with pull chain
93. 36" cord
314. 1" extended thru bolts



Poultry Duty Motors

Features:

- Ball Bearings
- Class B Insulation
- High Starting Torque
- Reversible
- Suitable for 208 Volts at 1.0 S.F.
- TEAO
- 4 Pole
- 40°C Ambient
- 60 Hz
- Energy Efficient \$(see notes)



PD6104A

PD6104AV1

RIGID AND RESILIENT BASES

HP	RPM	Volts	Full Load Amps	Service Factor	Frame	Stock Number	Bearings	Protector	Approx. "C"	Dim. "AG"	Enclosure	Notes
1	1725	115/230	12.0/6.0	1.30	56	PD6104A	Ball	Auto	11.8	9.6	TEAO	6,85,117
		115/230	11.0/5.5	1.30	56	PD6104AV1	Ball	Auto	11.8	9.8	TEAO	6,85,117

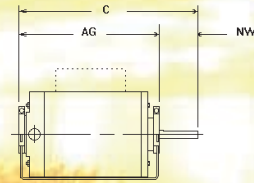
\$ Farm Duty
\$ Farm Duty

Notes:

- 6. 60/50 HZ
- 85. Energy efficient \$ - capacitor start/capacitor run
- 117. TEAO - gasketed conduit box

Shaft Dimensions

56 = 5/8" Keyed x 1-7/8



Pressure Washer Motors by Century®

Single Phase - Dripproof & Totally Enclosed Fan-Cooled Rigid Base – 3600 & 1800 RPM – 1.5 thru 6 HP



B861

Features:

- Double Sealed Ball Bearings
- 60 Hz
- 40°C Ambient
- Class B Insulation
- Manual Overload Protector
- Reversible
- Service Factor 1.15
- Energy Efficient §
- **Two Step Varnish Treatment** – Rotor surface and bearing brackets coated with corrosion resistant primer.

One dip and bake of Class B Varnish is applied to wound stator. The entire stator assembly is dipped in a second coating of varnish and baked to seal out moisture.

Applications: High Pressure washers (sprayers) and other applications.

HP	RPM	Volts	Full Load Amps	Frame	Stock Number	Wt.	Shaft	"C" Dim.	Notes
Dripproof • Standard Bracket									
1-1/2	3600	115/230	13.0/6.5	56	B176		5/8"	11.4	\$
	1800	115/208-230	13.4/7.2-6.7	56	C775		5/8"	12.2	\$
2	3600	115/208-230	17.2/9.2-8.6	56	B177		5/8"	12.7	\$
	1800	115/230	18.0/9.0	56H	C210		5/8"	14.4	\$
3	3600	208-230	13.5-12.5	56H	B178		5/8"	12.7	\$
	1800	208-230	13.5	145T	C218		7/8"	15.1	\$
5	3600	208-230	22.0	56HZ	B179		7/8"	14.6	160,\$
		208-230	22.0	56Y	B180		7/8"	14.6	97,160,\$
6	3600	230	24.0	56Y	B869		7/8"	14.6	49,97,16
Dripproof • NEMA "C" Bracket									
1-1/2	3600	115/230	13.0/6.5	56C	B870		5/8"	11.5	\$
	1800	115/230	13.4/6.7	56C	C776		5/8"	12.2	\$
2	3600	115/208-230	17.2/9.2-8.6	56C	B860		5/8"	12.7	\$
	1800	115/230	18.0/9.0	56HC	C215		5/8"	14.4	\$
3	3600	208-230	13.5-12.5	56HC	B181		5/8"	12.7	\$
		208-230	13.5-12.5	56HCZ	B867		3/4"	12.5	\$
5	3600	208-230	22.0	56HCZ	B182		3/4"	14.5	160,\$
Dripproof • Standard Bracket									
1-1/2	3600	115/230	13.0/6.5	56C	B871		5/8"	12.7	\$
	1800	230/115	7.5/15.0	56C	C777		5/8"	13.7	\$
2	3600	115/208-230	16.6/9.1-8.4	56HC	B861		5/8"	14.2	\$
	1800	115/230	17.0/8.5	56HC	C213		5/8"	14.4	\$
3	3600	230	12.0	56HC	B382		5/8"	15.2	\$
		230	12.0	56HC	B868		3/4"	15.0	\$


Notes:

- 49. 1.0 Service Factor
- 97. 182T and 184T mounting holes, 4.5" shaft height
- 160. Non-reversible, Connected for CW facing end-opposite shaft



Three Phase TEFC Motors

Features:



























- Ball Bearings
- Class A, B or F Insulation (as noted)
- Continuous Duty
- Energy Efficient \$
- NEMA Design B
- Rigid Base
- Squirrel Cage
- Totally Enclosed
- No Protector
- Standard, EPAct  CC001A (E-Plus® motors) and Premium (E-Plus® 3 motors) Efficiency
- 1/4 thru 400 HP
- 1.15 Service Factor
- 40°C Ambient
- 60 Hz
- 56 Frame and larger
- 3600, 1800 and 1200 RPM
- E-Plus® Motors meet the requirements of the Energy Policy Act of 1992. E-Plus® 3 motors exceed the requirements of the Energy Policy Act of 1992. **E+3(NP) is NEMA Premium Efficient.**



T46026

Applications:


Pumps, fans, compressors, conveyors, machine tools, designed to stand up to abusive treatment..moist, dirty, dusty and factory applications.

HP	RPM	Full Load		Frame	Stock Number	Insul. Class	Cast Iron	Type	"C"		Notes
		Volts	Amps						Dim.	Efficiency	
1	1800	200-230/460	4.3-2.9/1.45	143T	T46026 	F	✓	E+	13.2	82.5	11,23,361,363
		230/460	2.8/1.4	143T	T57026 	F	✓	E+3(NP)	13.2	85.5	11,361,363
1-1/2	1800	200-230/460	5.2-4.2/2.1	145T	T46027 	F	✓	E+	13.2	84.0	8,11,23,361,363
		230/460	4.2/2.1	145T	T57027 	F	✓	E+3(NP)	13.2	86.5	11,361,363
2	1800	200-230/460	6.7-5.6/2.8	145T	T46028 	F	✓	E+	13.2	84.0	11,23,361,363
		230/460	5.8-5.6/2.8	145T	T57028 	F	✓	E+3(NP)	13.2	86.5	11,361,363
3	1800	200-230/460	9.0-8.0/4.0	182T	T46029 	F	✓	E+	15.4	87.5	11,23,361,363
		200	9.0	182T	T55029 	F	✓	E+3(NP)	15.4	89.5	11,363,365 New!
5	1800	200-230/460	15.0-12.8/6.4	184T	T46030 	F	✓	E+	15.4	87.5	11,23,361,363
		230/460	12.8/6.4	184T	T57030 	F	✓	E+3(NP)	15.4	89.5	11,361,363
7-1/2	1800	200-230/460	21.0-19.0/9.5	213T	T46031 	F	✓	E+	19.4	89.5	11,23,362,363
		230/460	18.2/9.1	213T	T57031 	F	✓	E+3(NP)	19.4	91.7	11,362,363
10	1800	200-230/460	28.0-25.0/13.0	215T	T46032 	F	✓	E+	19.4	89.5	11,23,362,363
		230/460	23.8/11.9	215T	T57032 	F	✓	E+3(NP)	19.4	91.7	11,362,363
15	1800	200-230/460	40.9-36.6/18.3	254T	T46033 	F	✓	E+	25.1	91.0	11,23,362,364
		230/460	37.0/18.5	254T	T57033 	F	✓	E+3(NP)	25.1	92.4	11,362,364
20	1800	200-230/460	56.7-49.2/24.6	256T	T46034 	F	✓	E+	25.1	91.0	11,23,362,364
		230/460	49.0/24.5	256T	T57034 	F	✓	E+3 (NP)	25.1	93.0	11,362,364
25	1800	200-230/460	68.0-62.0/31.0	284T	T46035 	F	✓	E+	26.9	92.4	11,23,362,364
		230/460	60.0/30.0	284T	T57035 	F	✓	E+3 (NP)	26.9	93.6	11,362,364
30	1800	230/460	72.0/36.0	286T	T57036 	F	✓	E+3 (NP)	28.4	93.6	11,362,364
		230/460	72.0/36.0	286T	T57036 	F	✓	E+3 (NP)	28.4	93.6	11,362,364
40	1800	200-230/460	107.0-96.0/48.0	324T	T46037 	F	✓	E+	29.7	93.0	11,23,362,364
		230/460	94.8/47.4	324T	T57037 	F	✓	E+3 (NP)	29.7	94.1	11,362,364
50	1800	200-230/460	134.0-118.0/59.0	326T	T46038 	F	✓	E+	31.3	93.0	11,23,362,364
		230/460	118.0/59.0	326T	T57038 	F	✓	E+3 (NP)	31.3	94.5	11,362,364

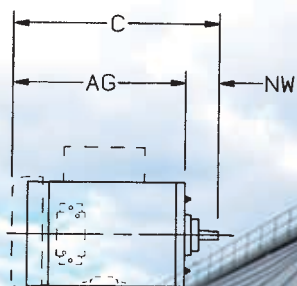
Notes:

- 11. C flange kit available
- 23. Suitable for 200/400 Volt and 50 HZ
- 361. 9 leads
- 363. Double shielded bearings with no regreasing provisions
- 365. 3 leads



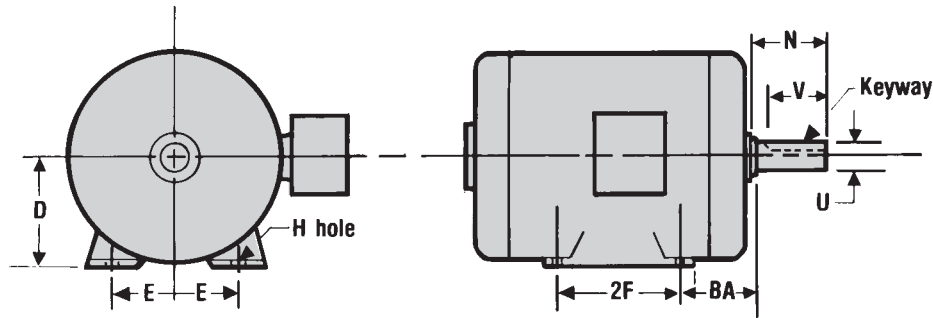
Motors specially designed, tested and warranted to be **Corona-Free** for compatible inverter duty are marked on this page with a .

Published efficiency on tri-voltage rated motors applies at 230/460 volts. Performance at 200 or 208 volts may not be in accordance with NEMA standards. Published efficiency on 200-208 volt motors applies at 200 volts.



General Purpose IHP Motor Dimensions

Single and Three Phase 143T-449T Frame • Dripproof • Totally Enclosed • Explosion-Proof



NEMA Frame	Keyway	BA	D ¹	E	2F	H	N	U ²	V ³
143T	3/16 x 3/32	2.25	3.50	2.75	4.00	11/32	2.31	.875	2.00
145T	3/16 x 3/32	2.25	3.50	2.75	5.00	11/32	2.31	.875	2.00
182T	1/4 x 1/8	2.75	4.50	3.75	4.50	13/32	2.81	1.125	2.50
184T	1/4 x 1/8	2.75	4.50	3.75	5.50	13/32	2.81	1.125	2.50
213T	5/16 x 5/32	3.50	5.25	4.25	5.50	13/32	3.50	1.375	3.13
215T	5/16 x 5/32	3.50	5.25	4.25	7.00	13/32	3.50	1.375	3.13
254T	3/8 x 3/16	4.25	6.25	5.00	8.25	17/32	4.25	1.625	3.75
256T	3/8 x 3/16	4.25	6.25	5.00	10.00	17/32	4.25	1.625	3.75
284T	1/2 x 1/4	4.75	7.00	5.50	9.50	17/32	4.88	1.875	4.38
284TS	3/8 x 3/16	4.75	7.00	5.50	9.50	17/32	3.50	1.625	3.00
286T	1/2 x 1/4	4.75	7.00	5.50	11.00	17/32	4.88	1.875	4.38
286TS	3/8 x 3/16	4.75	7.00	5.50	11.00	17/32	3.50	1.625	3.00
324T	1/2 x 1/4	5.25	8.00	6.25	10.50	21/32	5.50	2.125	5.00
324TS	1/2 x 1/4	5.25	8.00	6.25	10.50	21/32	4.00	1.875	3.50
326T	1/2 x 1/4	5.25	8.00	6.25	12.00	21/32	5.50	2.125	5.00
326TS	1/2 x 1/4	5.25	8.00	6.25	12.00	21/32	4.00	1.875	3.50
364T	5/8 x 5/16	5.88	9.00	7.00	11.25	21/32	6.13	2.375	5.63
364TS	1/2 x 1/4	5.88	9.00	7.00	11.25	21/32	4.00	1.875	3.50
365T	5/8 x 5/16	5.88	9.00	7.00	12.25	21/32	6.13	2.375	5.63
365TS	1/2 x 1/4	5.88	9.00	7.00	12.25	21/32	4.00	1.875	3.50
404T	3/4 x 3/8	6.63	10.00	8.00	12.25	13/16	7.50	2.875	7.00
404TS	1/2 x 1/4	6.63	10.00	8.00	12.25	13/16	4.50	2.125	4.00
405T	3/4 x 3/8	6.63	10.00	8.00	13.75	13/16	7.50	2.875	7.00
405TS	1/2 x 1/4	6.63	10.00	8.00	13.75	13/16	4.50	2.125	4.00
444T	7/8 x 7/16	7.50	11.00	9.00	14.50	13/16	8.87	3.375	8.25
444TS	5/8 x 5/16	7.50	11.00	9.00	14.50	13/16	5.12	2.375	4.50
445T	7/8 x 7/16	7.50	11.00	9.00	16.50	13/16	8.87	3.375	8.25
445TS	5/8 x 5/16	7.50	11.00	9.00	16.50	13/16	5.12	2.375	4.50
445TZ	1 x 1/2 ⁵	7.50	11.00	9.00	16.50	13/16	11.25	3.875	10.625
447T	7/8 x 7/16 ⁴	7.50	11.00	9.00	20.00	13/16	8.87	3.875	8.25
447TS	5/8 x 5/16 ⁴	7.50	11.00	9.00	20.00	13/16	5.12	2.375	4.50
447TZ	1 x 1/2 ⁵	7.50	11.00	9.00	20.00	13/16	11.25	3.875	10.625
449T	7/8 x 7/16 ⁴	7.50	11.00	9.00	25.00	13/16	8.87	3.375	8.25
449TS	5/8 x 5/16 ⁴	7.50	11.00	9.00	25.00	13/16	5.12	2.375	4.50
449TZ	1 x 1/2 ⁵	7.50	11.00	9.00	25.00	13/16	11.25	3.875	10.625

Notes:

- ¹Dimension "D" tolerance: - .8" or less, +.000, -.031; over 8", +.000-.062
- ²Dimension "U" tolerance: - 11/2" dia. or less, +.0000, -.0005; over 11/2" dia., +.000, -.001
- ³Dimension "V" is usable length of shaft
- ⁴Suitable for horizontal mounting only. Refer to company for belting applications.
- ⁵Crusher-duty motors Spec 80546

For Reference Only Unless Approved for Construction

Statement of Warranty Policy

Warranty Period

All A. O. Smith motors are warranted against defects in materials and workmanship for a period of twelve (12) months from the date of installation or twenty-four months (24) from the date of manufacture, whichever comes first except for E-Plus®3 Integral Horsepower Motors and HeatMaster® Condenser Fan Motors which are warranted for twenty-four months (24) from date of installation and thirty-six (36) months from date of manufacture, whichever comes first.

Limitation of Remedy

In the event of a breach of the warranty within the applicable warranty period, A. O. Smith shall have the option of (1) repairing such motor; (2) supplying an identical or substantially similar replacement motor FOB, A. O. Smith's factory; or (3) refunding or giving credit for the purchase price of such motor.

The remedy set forth above shall be the sole and exclusive remedy for the motors failing within the applicable warranty period. A. O. Smith, shall not be liable for any lost profits, loss of use, or any other consequential, special or incidental damages.

DISCLAIMER OF IMPLIED WARRANTIES

EXCEPT AS MAY BE REQUIRED UNDER APPLICABLE LAW, THE LIMITED WARRANTY SET FORTH ABOVE IS THE EXCLUSIVE WARRANTY PROVIDED WITH THE MOTORS. ALL OTHER WARRANTIES, WHETHER WRITTEN OR VERBAL, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED BY A. O. SMITH.

Conditions of Warranty

This limited warranty shall be void and of no effect if:

1. The motor has been subjected to improper handling, storage or installation, or subject to abuse or unauthorized repairs;
2. The motor was not suitable for the application or operated above its rated load; or
3. The motor was subject to water damage including motor bearing failures resulting from pump seal failures.

Authorized Location

Defective motors which have failed during the applicable warranty period must be returned freight prepaid to an A. O. Smith's authorized distributor. Call 800-672-6495.

How to Read Date Codes on Motor Nameplates & Labels

Introduction of a new standard date code was implemented in August of 2006 that will eventually be used on all A. O. Smith product. The first three characters represent the day of the year, the next two the year, and the last two the plant code. For example, 123064M, would mean the 123rd day of 2006 (12306) manufactured in A. O. Smith's plant (4M).

A. O. Smith Product

Plant code—Month—Year. Example: 7B99. 7 is a plant code designation, B is the month (January is A, February is B, etc.) and 99 is the year.

Century®, Indiana General, Louis Allis Product

Year code—Month. Example: BA3. BA is the year (see table below). 3 is the month (1-12).

1992	BK	1996	BP	2000	BU	2004	BZ	2008	CD
1993	BL	1997	BR	2001	BW	2005	CA	2009	CE
1994	BM	1998	BS	2002	BX	2006	CB	2010	CF
1995	BN	1999	BT	2003	BY	2007	CC		

Universal® Product

Week (1-52), Year (Letter code from table below), Factory order number code, Plant code. Example: 8 Z 027592 R. 8 is the 8th week of the year, Z is the year (1988), 027592 is the factory order code, R is the plant code (Ripley).

1992	D	1996	H	2000	M	2004	S	2008	W
1993	E	1997	J	2001	N	2005	T	2009	X
1994	F	1998	K	2002	P	2006	U		
1995	G	1999	L	2003	R	2007	V		



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