

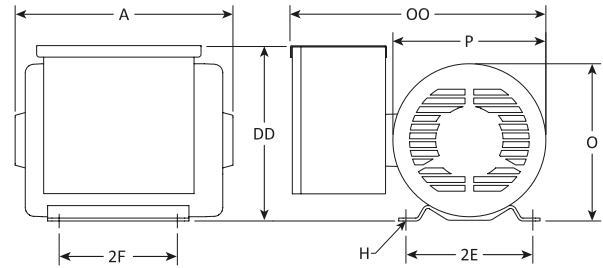
ROTO-CON[®]

TYPE CP ROTARY PHASE CONVERTERS

TO SELECT THE ROTO-CON CP SIZE

1. Record the code letter(s) & FLA ratings of the pivot drive motors.
2. Total drive motors FLA ratings.
3. In the appropriate code letter column in the chart below, find the maximum amps allowed for the CP size that matches or exceeds your drive motor's total FLA ratings.
4. If your additional motors HP rating exceeds that of the Max Rating of Additional Motors, select the next larger size CP unit.

If you have any questions or need assistance selecting a unit, please call toll free: 1-800-221-7665.



Open drip-proof (ODP) models, illustrated above, are standard for most environments. Order totally enclosed fan-cooled (TEFC) models for use in areas with severe dust, sand, or water.

MAXIMUM TOTAL PIVOT MOTOR AMPS

Part Number	Locked Rotor Code Letter			Max. Rating of Additional Motors
	A - L	M - R	S - V	
CP-3	6.3A	5.4A	3.6A	1 HP
CP-5	10.3A	8.9A	5.7A	2 HP
CP-7.5	14.9A	12.8A	8.3A	3 HP
CP-10	21.6A	18.6A	12.0A	5 HP
CP-15	29.7A	25.6A	16.5A	7.5 HP
CP-20	43.2A	37.1A	24.0A	10 HP
CP-25	54.0A	46.4A	30.0A	10 HP

ROTO-CON CP FULL-LOAD AMPERAGE AND SHIPPING WEIGHTS

Part Number	1Ø FLA @480V	Approx. Weight	
		ODP	TEFC
CP-3	10A	72 lbs.	
CP-5	15A	100 lbs.	157 lbs.
CP-7.5	24A	120 lbs.	180 lbs.
CP-10	31A	190 lbs.	265 lbs.
CP-15	47A	240 lbs.	282 lbs.
CP-20	63A	335 lbs.	430 lbs.
CP-25	78A	360 lbs.	440 lbs.

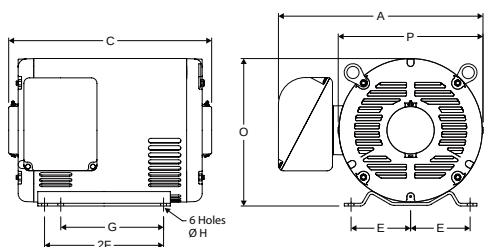
A single phase (1Ø) step-up transformer is required for power sources less than 480 V.

DIMENSIONS OF ROTARY BASE AND PANEL CONTROL - MOUNTED UNITS (IN INCHES)

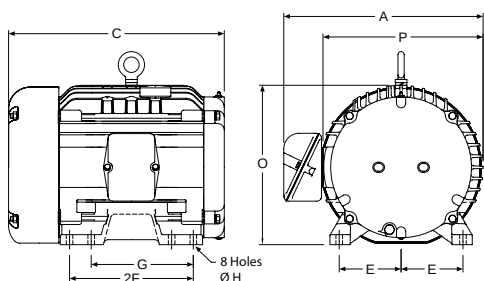
ODP									
Part Number	Frame	A	2F	2E	H	O	P	DD	OO
CP-3	184	11-1/2	5-1/2	7-1/2	13/32	8-7/16	7-7/8	12	14-3/4
CP-5	213	12-1/2	4-1/2	8-1/2	13/32	10-1/16	9-9/16	11-1/4	15
CP-7.5	215	12-1/2	6-1/2	8-1/2	13/32	10-1/16	9-9/16	11-1/4	15
CP-10	254	15-1/4	8-1/4	10	17/32	12	11-1/2	14	18
CP-15	256	14-1/4	10	10	17/32	12	11-1/2	14	18
CP-20	286	19	11	11	17/32	13-5/8	13-1/4	15-1/4	22-1/4
CP-25	286	19	11	11	17/32	13-5/8	13-1/4	15-1/4	22-1/4

TEFC									
Part Number	Frame	A	2F	2E	H	O	P	DD	OO
CP-5 TEFC	213	14-1/8	4-1/2	8-1/2	13/32	10-1/4	9-9/16	14	16-1/2
CP-7.5 TEFC	215	15-1/4	6-1/2	8-1/2	13/32	10-1/4	9-9/16	14	16-1/2
CP-10 TEFC	254	16-1/2	8-1/4	10	17/32	12-7/8	12-15/16	15	20
CP-15 TEFC	256	19-1/4	10	10	17/32	12-7/8	12-15/16	15	21-1/2
CP-20 TEFC	286	19	11	11	17/32	13-5/8	13-1/4	15-1/4	22-1/4
CP-25 TEFC	286	19	11	11	17/32	13-5/8	13-1/4	15-1/4	22-1/4

DIMENSIONS OF UNMOUNTED ROTARY BASE (IN INCHES)

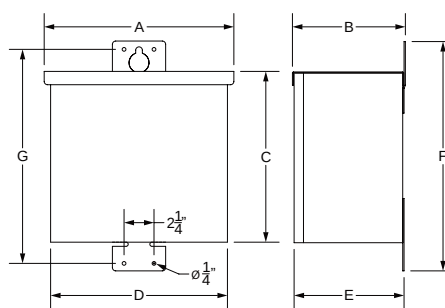
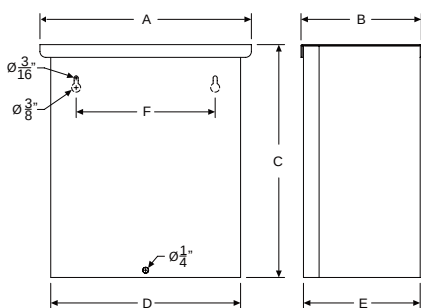


ODP										Panel Enclosure
Part Number	Frame	A	C	E	2F	G	H	O	P	
CP-3U	184	9-7/8	11-1/2	3-3/4	5-1/2	4-1/2	13/32	8-1/2	7-7/8	600
CP-5U	213	12-3/4	12-1/2	4-1/4	7	5-1/2	13/32	10-1/8	9-5/8	600
CP-7.5U	215	12-3/4	12-1/2	4-1/4	7	5-1/2	13/32	10-1/4	9-5/8	601
CP-10U	254	15-3/8	15-3/8	5	8-1/4		17/32	12	11-3/4	601
CP-15U	256	15-3/8	15-3/8	5	10	8-1/4	17/32	12	11-3/4	602
CP-20U	286	18-7/8	18-3/4	5-1/2	11	9-1/2	17/32	13-5/8	13-1/4	602
CP-25U	286	18-7/8	18-3/4	5-1/2	11	9-1/2	17/32	13-5/8	13-1/4	602



TEFC										Panel Enclosure
Part Number	Frame	A	C	E	2F	G	H	O	P	
CP-5U TEFC	213	12-7/8	14	4-1/4	7	5-1/2	13/32	10	9-5/8	600
CP-7.5U TEFC	215	12-7/8	15-7/8	4-1/4	7	5-1/2	13/32	10	9-5/8	601
CP-10U TEFC	254	15-9/16	19	5	10	8-1/4	17/32	12-7/8	12-3/8	601
CP-15U TEFC	256	16-1/8	17-7/16	5	10	8-1/4	17/32	12-7/8	13	602
CP-20U TEFC	286	20-1/2	22-11/16	5-1/2	11	9-1/2	17/32	14-7/16	15-5/16	602
CP-25U TEFC	286	20-1/2	22-11/16	5-1/2	11	9-1/2	17/32	14-7/16	15-5/16	602

DIMENSIONS OF UNMOUNTED NEMA 3R CONTROL PANEL (IN INCHES)



Enclosure	A	B	C	D	E	F
600	9-1/8	5-3/19	10-1/16	8-3/16	5-1/16	6

Enclosure	A	B	C	D	E	F	G
601	12	6-1/2	12-13/16	11-1/16	6-3/16	17-7/16	16-1/4
602	14-1/4	8-1/2	12-13/16	13-5/16	8-1/4	17-1/4	16-1/16

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