



OUTDOOR-RATED ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE

ELECTRICAL SPECIFICATIONS

200V/3 PHASE IN - 200V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	REQUIRED VFD INPUT AMPS	MINIMUM 230 VAC 3-POLE BREAKER SIZE	VFD MODEL	DRIVE REQUIRED
1	4.5	5.4	30.9	5.4	6.0	15 AMP	VFD-0010-203-E	CI-007-P2
1.5	5.8	6.8	38.2	6.8	7.0	15 AMP	VFD-0015-203-E	CI-007-P2
2	7.7	9.3	50.3	9.3	10.0	15 AMP	VFD-0020-203-E	CI-007-P2
3	10.9	12.5	69.5	12.5	13.0	20 AMP	VFD-0030-203-E	CI-007-P2
5	17.5	20.0	99.0	20.0	21.0	25 AMP	VFD-0050-203-E	CI-007-P2
7.5	25.1	28.3	150.0	28.3	29.0	30 AMP	VFD-0075-203-E	CI-010-P2
10	32.7	37.0	193.0	37.0	38.0	40 AMP	VFD-0100-203-E	CI-015-P2
15	47.8	54.4	306.0	54.4	55.0	60 AMP	VFD-0150-203-E	CI-020-P2
20	61.9	69.7	416.0	69.7	70.0	70 AMP	VFD-0200-203-E	CI-025-P2
25	77.1	86.3	552.0	86.3	90.0	90 AMP	VFD-0250-203-E	CI-030-P2
30	90.9	104.0	653.0	104.0	116.0	125 AMP	VFD-0300-203-E	CI-040-P2



OUTDOOR-RATED ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE

ELECTRICAL SPECIFICATIONS

230V/1 PHASE IN - 230V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	REQUIRED VFD INPUT AMPS	MINIMUM 230 VAC 2-POLE BREAKER SIZE	VFD MODEL	DRIVE REQUIRED
1	3.9	4.7	26.9	4.7	10.0	15 AMP	VFD-0010-231-E	CI-007-P2
1.5	5.0	5.9	33.2	5.9	12.0	15 AMP	VFD-0015-231-E	CI-007-P2
2	6.7	8.1	45.0	8.1	17.0	20 AMP	VFD-0020-231-E	CI-007-P2
3	9.5	10.9	60.3	10.9	22.0	25 AMP	VFD-0030-231-E	CI-007-P2
5	15.0	17.6	86.0	17.6	36.0	40 AMP	VFD-0050-231-E	CI-015-P2
7.5	21.8	24.6	130.0	24.6	50.0	60 AMP	VFD-0075-231-E	CI-020-P2
10	28.4	32.2	172.0	32.2	65.0	80 AMP	VFD-0100-231-E	CI-025-P2
15	41.6	47.4	266.0	47.4	96.0	100 AMP	VFD-0150-231-E	CI-030-P2
20	53.8	60.6	362.0	60.6	122.0	125 AMP	VFD-0200-231-E	CI-040-P2



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230V/3 PHASE IN - 230V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	REQUIRED VFD INPUT AMPS	MINIMUM 230 VAC 3-POLE BREAKER SIZE	VFD MODEL	DRIVE REQUIRED
1	3.9	4.7	26.9	4.7	5.0	15 AMP	VFD-0010-233-E	CI-007-P2
1.5	5.0	5.9	33.2	5.9	6.0	15 AMP	VFD-0015-233-E	CI-007-P2
2	6.7	8.1	45.0	8.1	9.0	15 AMP	VFD-0020-233-E	CI-007-P2
3	9.5	10.9	60.3	10.9	11.0	15 AMP	VFD-0030-233-E	CI-007-P2
5	15.0	17.6	86.0	17.6	18.0	20 AMP	VFD-0050-233-E	CI-007-P2
7.5	21.8	24.6	130.0	24.0	25.0	25 AMP	VFD-0075-233-E	CI-007-P2
10	28.4	32.2	172.0	32.0	33.0	35 AMP	VFD-0100-233-E	CI-010-P2
15	41.6	47.4	266.0	46.0	48.0	50 AMP	VFD-0150-233-E	CI-015-P2
20	53.8	60.6	362.0	60.0	61.0	70 AMP	VFD-0200-233-E	CI-020-P2
25	67.0	76.4	480.0	74.0	77.0	80 AMP	VFD-0250-233-E	CI-025-P2
30	79.0	90.4	568.0	88.0	91.0	90 AMP	VFD-0300-233-E	CI-030-P2



OUTDOOR-RATED ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE

ELECTRICAL SPECIFICATIONS

460V/1 PHASE IN - 460V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	REQUIRED VFD INPUT AMPS	MINIMUM 460 VAC 2-POLE BREAKER SIZE	VFD MODEL	DRIVE REQUIRED
1	2.0	2.4	13.5	2.4	5.0	15 AMP	VFD-0010-461-E	CI-007-P4
1.5	2.5	3.1	16.6	3.1	7.0	15 AMP	VFD-0015-461-E	CI-007-P4
2	3.4	4.1	22.5	4.1	9.0	15 AMP	VFD-0020-461-E	CI-007-P4
3	4.8	5.5	31.0	5.5	12.0	15 AMP	VFD-0030-461-E	CI-007-P4
5	7.5	8.8	43.0	8.8	18.0	20 AMP	VFD-0050-461-E	CI-010-P4
7.5	10.9	12.3	65.0	12.0	25.0	25 AMP	VFD-0075-461-E	CI-015-P4
10	14.2	16.1	86.0	16.0	33.0	35 AMP	VFD-0100-461-E	CI-020-P4
15	20.8	23.7	133.0	23.7	48.0	50 AMP	VFD-0150-461-E	CI-030-P4
20	26.9	30.3	181.0	30.0	61.0	60 AMP	VFD-0200-461-E	CI-040-P4
25	33.5	38.2	240.0	38.2	78.0	80 AMP	VFD-0250-461-E	CI-050-P4
30	39.5	45.2	284.0	45.0	91.0	90 AMP	VFD-0300-461-E	CI-060-P4
40	54.9	61.6	397.0	55.0	123.0	100 AMP	VFD-0400-461-E	CI-075-P4
50	67.7	77.0	414.0	75.0	145.0	150 AMP	VFD-0500-461-E	CI-100-P4
60	80.5	91.0	518.0	91.0	182.0	200 AMP	VFD-0600-461-E	CI-125-P4

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OUTDOOR-RATED ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE

ELECTRICAL SPECIFICATIONS

460V/3 PHASE IN - 460V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	REQUIRED VFD INPUT AMPS	MINIMUM 460 VAC 3-POLE BREAKER SIZE	REQUIRED VFD MODEL	REQUIRED DRIVE
1	2.0	2.4	13.5	2.4	3.0	15 AMP	VFD-0010-463-E	CI-007-P4
1.5	2.5	3.1	16.6	3.1	4.0	15 AMP	VFD-0015-463-E	CI-007-P4
2	3.4	4.1	22.5	4.1	5.0	15 AMP	VFD-0020-463-E	CI-007-P4
3	4.8	5.5	31.0	5.5	6.0	15 AMP	VFD-0030-463-E	CI-007-P4
5	7.5	8.8	43.0	8.8	9.0	15 AMP	VFD-0050-463-E	CI-007-P4
7.5	10.9	12.3	65.0	12.0	13.0	15 AMP	VFD-0075-463-E	CI-007-P4
10	14.2	16.1	86.0	16.0	17.0	20 AMP	VFD-0100-463-E	CI-010-P4
15	20.8	23.7	133.0	23.7	24.0	25 AMP	VFD-0150-463-E	CI-015-P4
20	26.9	30.3	181.0	30.0	31.0	30 AMP	VFD-0200-463-E	CI-020-P4
25	33.5	38.2	240.0	38.2	39.0	40 AMP	VFD-0250-463-E	CI-025-P4
30	39.5	45.2	284.0	45.0	46.0	45 AMP	VFD-0300-463-E	CI-030-P4
40	54.9	61.6	397.0	61.0	62.0	70 MP	VFD-0400-463-E	CI-040-P4
50	67.7	77.0	414.0	75.0	78.0	80 AMP	VFD-0500-463-E	CI-050-P4
60	80.5	91.0	518.0	91.0	91.0	100 AMP	VFD-0600-463-E	CI-060-P4

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OUTDOOR-RATED ENCLOSED VARIABLE FREQUENCY (SPEED) DRIVE

ELECTRICAL SPECIFICATIONS

575V/3 PHASE IN - 575V/3 PHASE OUT

PUMP MOTOR HP	PUMP MOTOR FULL LOAD AMPS	PUMP MOTOR MAX AMPS	PUMP MOTOR LOCKED ROTOR AMPS	VFD OUTPUT MAX AMPS	VFD REQUIRED INPUT AMPS	MINIMUM 575 VAC 3-POLE BREAKER SIZE	VFD MODEL	DRIVE REQUIRED
1	1.6	1.9	10.8	1.9	2.0	15 AMP	VFD-0010-573-E	CI-007-P6
1.5	2.0	2.4	13.3	2.4	3.0	15 AMP	VFD-0015-573-E	CI-007-P6
2	2.7	3.2	17.8	3.2	4.0	15 AMP	VFD-0020-573-E	CI-007-P6
3	3.8	4.4	25.1	4.4	5.0	15 AMP	VFD-0030-573-E	CI-007-P6
5	6.0	7.1	34.0	7.1	8.0	15 AMP	VFD-0050-573-E	CI-007-P6
7.5	8.7	9.8	52.0	9.0	10.0	15 AMP	VFD-0075-573-E	CI-007-P6
10	11.4	12.9	69.0	12.0	13.0	15 AMP	VFD-0100-573-E	CI-010-P6
15	16.6	19.0	106.0	17.0	20.0	25 AMP	VFD-0150-573-E	CI-015-P6
20	21.5	24.2	145.0	23.0	25.0	30 AMP	VFD-0200-573-E	CI-020-P6
25	26.8	30.0	192.0	27.0	30.0	35 AMP	VFD-0250-573-E	CI-025-P6
30	31.6	45.2	227.0	34.0	46.0	50 AMP	VFD-0300-573-E	CI-030-P6
40	42.8	49.6	318.0	43.0	50.0	60 AMP	VFD-0400-573-E	CI-040-P6
50	54.2	61.6	331.0	55.0	62.0	70 AMP	VFD-0500-573-E	CI-050-P6
60	64.4	72.8	414.0	64.0	73.0	80 AMP	VFD-0600-573-E	CI-060-P6

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