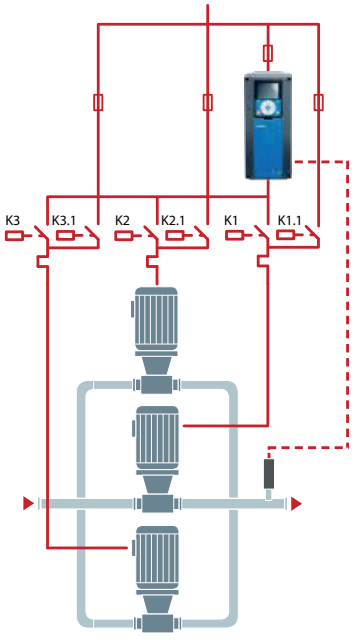
ISII NITZAN

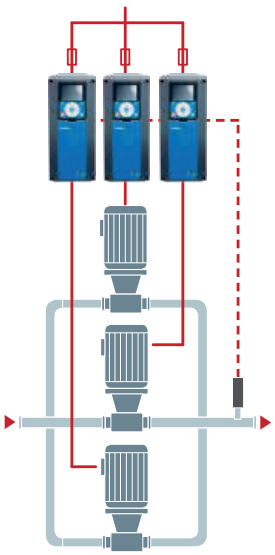
FREQUENCY DRIVERS

VCON 100

ITEM	THECNICAL CHARACTEISTICS
1	IDEAL FOR SAVING ENERGY
2	OPTIMIZING PROCESS CONTROL AND IMPROVING PRODUCTIVITY
3	DESIGNED FOR MULTI-PURPOSE USE WHILE REMAINING USER-FRIENDLY
4	SPECIFIC FLOW-CONTROL FUNCTION TO ENHACE PUMP AND FAN PERFORMANCE
5	RELIABLE OPERATION
6	STANDARD PID CONTROL
7	DRIVERS EQUIPPED WITH BUILT-IN ETHERNET
8	HIGH EFFICIENCY MOTOR TECHNOLOGIES
9	THE LONGEST POSSIBLE LIFECYCLE AND AVAILABILITY
10	A WIDE ARRAY OF LOGICAL AND NUMERICAL FUNCTION
11	HIGH LEVELS OF MACHINE PERFORMANCE



SINGLE DRIVER SYSTEM



MULTIDRIVE SYSTEM

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More Information:

Versión: J2024-1

INTERVAL MAINTENANCE	TASK MAINTENANCE
6-24 MONTHS	DO A CHECH OF THE INPUT AND OUTPUT TERMINALS
	MAKE SURE TE COOLING FAN OPERATES CORRECTLY
	MAKE SURE THERE IS NO CORROSION ON THE TERMINALS, BUSBARS, OTHER SURFACES
	SPECIFIC FLOW-CONTROL FUNCTION TO ENHACE PUMP AND FAN PERFORMANCE
24 MONTHS	CLEAN THE HEATSKIN AND THE COOLING TUNNEL
3-6 YEARS	IN IP54, CHANGE THE INTERNAL FAN
6-10 YEARS	CHANGE THE MAIN FAN
10 YEARS	REPLACE THE BATTERY OF THE RTC

VOLTAGE 3 X 208-240				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
0003	MR4	0.75	0.55	3.7
0004	MR4	1	0.75	4.8
0007	MR4	2	1.1	6.6
0008	MR4	2	1.5	8
0011	MR4	3	2.2	11
0012	MR4	4	3	12.5
0018	MR5	5	4	18
0024	MR5	8	5.5	24
0031	MR5	10	7.5	31
0048	MR6	15	11	48
0062	MR6	20	15	62
0075	MR7	25	18.5	75
0088	MR7	30	22	88
0105	MR7	40	30	105
0140	MR8	50	37	140
0170	MR8	60	45	170
0205	MR8	75	55	205

VOLTAGE 3 X 380-500				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
0003	MR4	1.50	1.10	3.4
0004	MR4	2	1.50	4.8
0005	MR4	3	2.2	5.6
0008	MR4	4	3	8
0009	MR4	5	4	9.6
0012	MR4	8	5.5	12
0016	MR5	10	7.5	16
0023	MR5	15	11	23
0031	MR5	20	15	31
0038	MR6	25	18.5	38
0046	MR6	30	22	46
0061	MR6	40	30	61
0072	MR7	50	37	72
0087	MR7	60	45	87
0105	MR7	75	55	105
0140	MR8	100	75	140
0170	MR8	125	90	170
0205	MR8	150	110	205

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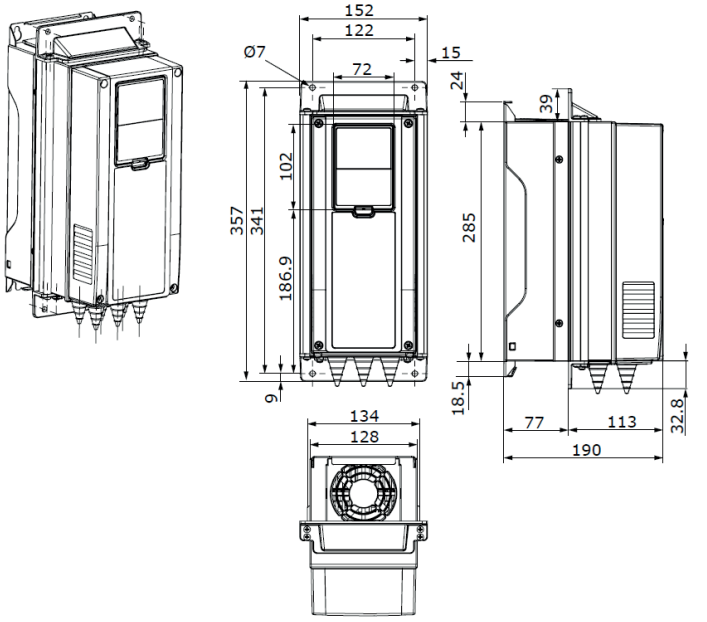
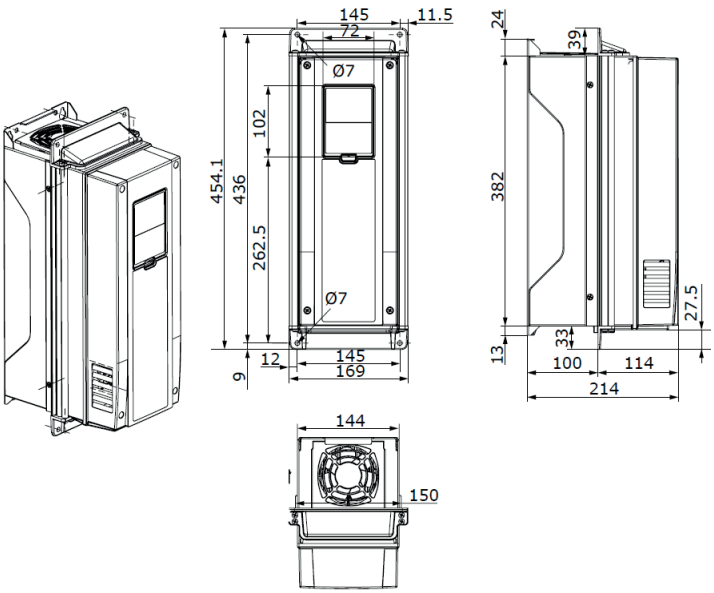
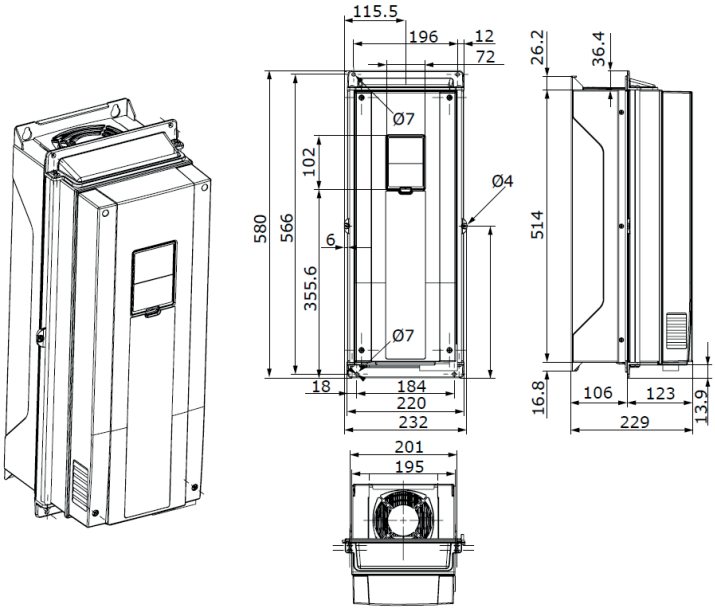
DIMESIONS



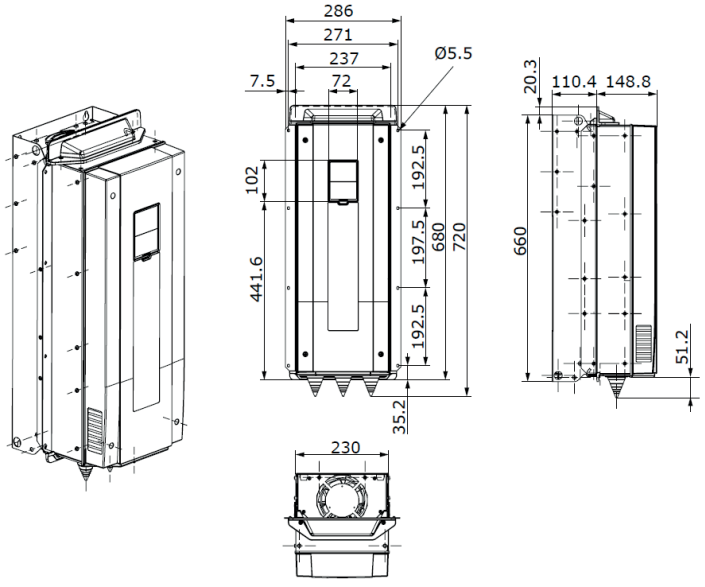
MR4



MR5



MR6



MR7

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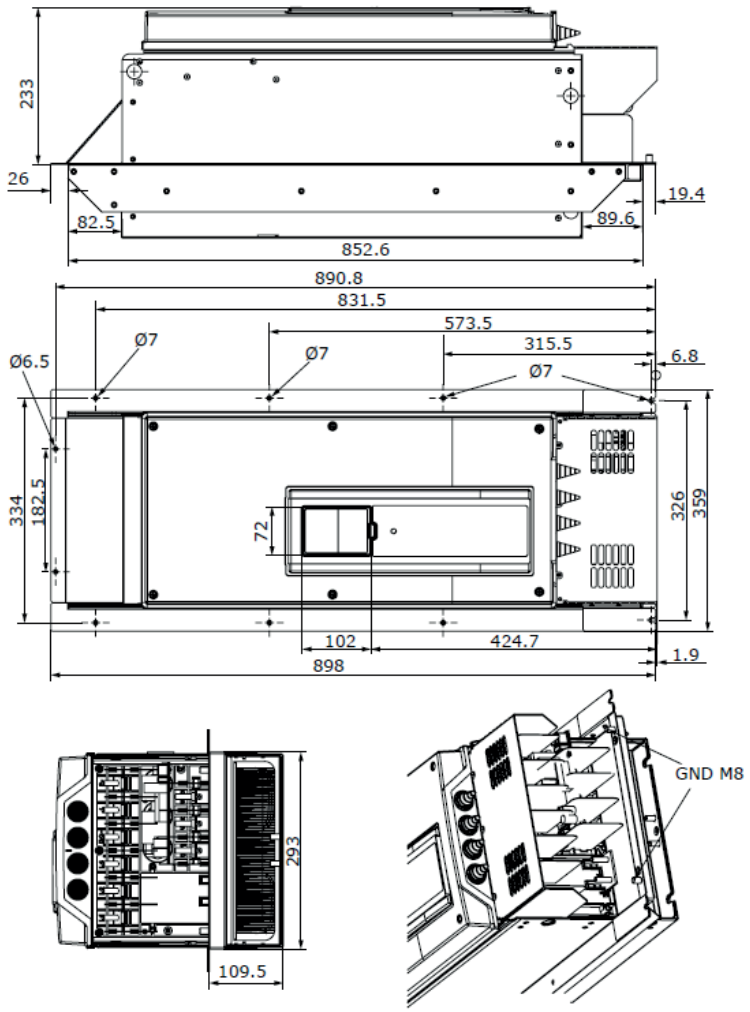

MR8

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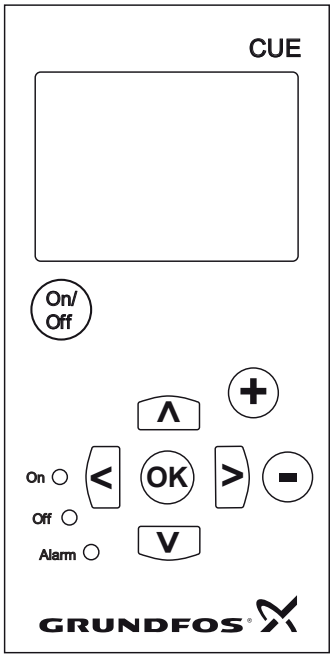
More Information:

CUE

ITEM	THECNICAL CHARACTEISTICS
1	THE SPEED ISE KEPT AT A SET VALUE IN THE RANGE OF MIN AND MAX
2	THE DIFFERENTIAL PRESSURE IS REDUCED AT A FALLING FLOW
3	THE DIFFERENTIAL PRESSURE IS INCREASED AT A RISING FLOW RATE
4	THE PRESSURE IS KEPT CONSTANT INDEPENDENTLY OF THE FLOW RATE
5	THE LIQUID LEVEL IS KEPT CONSTANT INDEPENDENTLY OF THE FLOW RATE
6	THE FLOW RATE IS KEPT CONSTANT INDEPENDENTLY OF THE FLOW RATE
7	STARTUP GUIDE
8	DUTY/STANDBY OPERATION INCREASES THE SECURITY OF SUPPLY
9	THE LOW-FLOW STOP FUNCTION PROTECTS THE PUMP AND SAVES ENERGY
10	MONITORING OF LUBRICATION OF MOTOR BEARINGS
11	HIGH LEVELS OF MACHINE PERFORMANCE



DISPLAY

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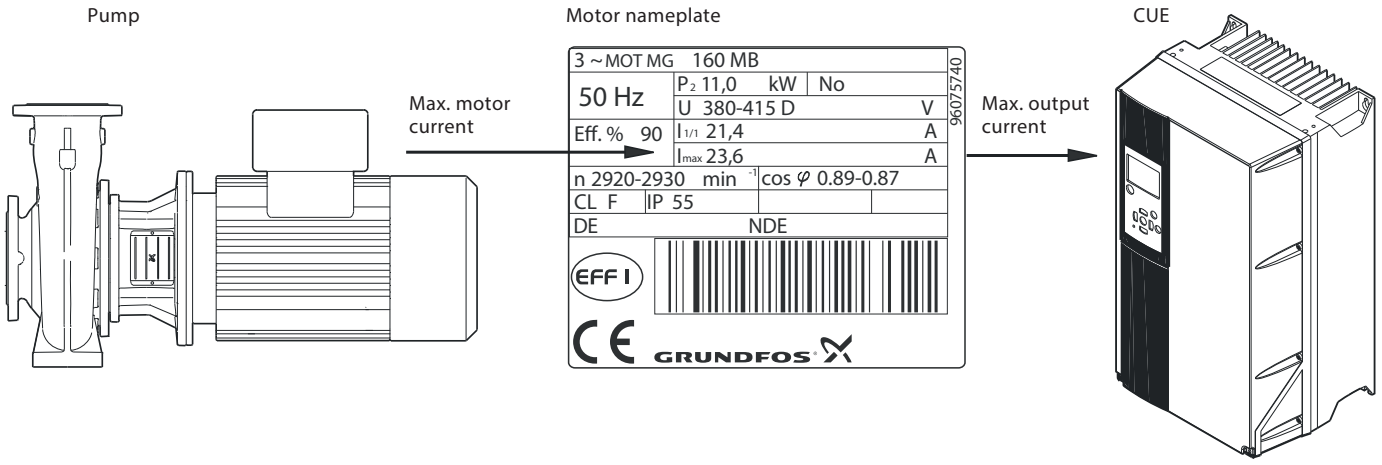

VOLTAGE 1 X 200-240			
HP	kW	MAX CURRENT [A]	EFFICIENCY
1.5	1.1	6.6	0.96
2.0	1.5	7.5	0.96
3.0	2.2	10.6	0.96
4.0	3	12.5	0.96
5.0	3.7	16.7	0.96
7.5	5.5	24.2	0.98
10.0	7.5	30.8	0.98

VOLTAGE 3 X 525-600			
HP	kW	MAX CURRENT [A]	EFFICIENCY
1.0	0.75	1.8	0.97
1.5	1.1	2.6	0.97
2.0	1.5	2.9	0.97
3.0	2.2	4.1	0.97
4.0	3	5.2	0.97
5.0	4	6.4	0.97
7.5	5.5	9.5	0.97
10.0	7.5	11.5	0.97

VOLTAGE 3 X 380-500			
HP	kW	MAX CURRENT [A]	EFFICIENCY
0.75	0.55	1.8	0.95
1.00	0.75	2.4	0.96
1.50	1.1	3	0.96
2.00	1.5	4.1	0.97
3.00	2.2	5.6	0.97
4.00	3	7.2	0.97
5.00	4	10	0.97
7.50	5.5	13	0.97
10.00	7.5	16	0.97
15.00	11	24	0.98
20.00	15	32	0.98
25.00	19	37.5	0.98
30.00	22	44	0.98
40.00	30	61	0.98
50.00	37	73	0.98
60.00	45	90	0.98
75.00	55	106	0.98
100.00	75	147	0.98
125.00	90	177	0.98
150.00	110	212	0.98
200.00	132	260	0.98
250.00	160	315	0.98
300.00	200	395	0.98
350.00	250	480	0.98

VOLTAGE 3 X 200-240			
HP	kW	MAX CURRENT [A]	EFFICIENCY
1.0	0.75	4.6	0.96
1.5	1.1	5.6	0.96
2.0	1.5	7.5	0.96
3.0	2.2	10.6	0.96
4.0	3	12.5	0.96
5.0	3.7	16.7	0.96
7.5	5.5	24.2	0.96
10.0	7.5	30.8	0.96
15.0	11	46.2	0.96
20.0	15	59.4	0.96
25.0	19	74.8	0.96
30.0	22	88	0.97
40.0	30	115	0.97
50.0	37	143	0.97
60.0	45	170	0.97

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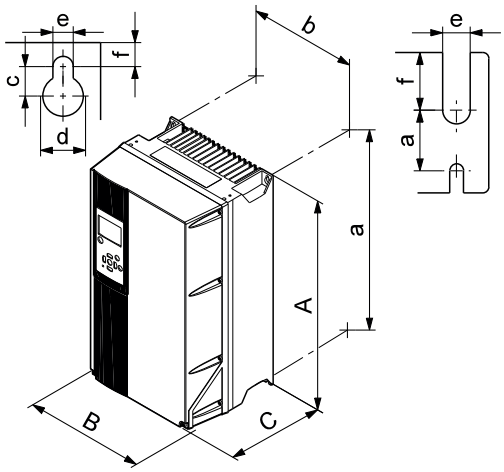
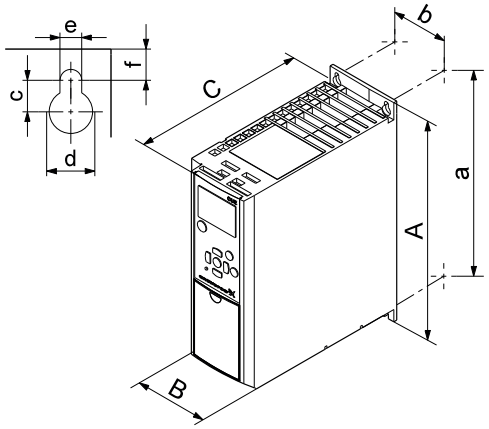
Versión: J2024-1

More Information:

DIMESIONS





ENCLOSURE	A	a	B	b	C	c	D	Θ	F	WIEGHT
A2	268	257	90	70	205	8	11	5.5	9	4.9
A2	375	350	90	70	205	8	11	5.5	9	5.3
A2	268	257	130	110	205	8	11	5.5	9	6.6
A3	375	350	130	110	205	8	11	5.5	9	7
A4	420	451	200	171	175	8.2	12	6.5	6	9.4
A5	420	402	242	215	200	8.2	12	6.5	9	14
B1	480	454	242	210	260	12	19	9	9	23
B2	650	624	242	210	260	12	19	9	9	27
B3	399	380	165	140	248	8	12	6.8	7.9	12
B3	475	-	165	-	249	8	12	6.8	7.9	-
B4	520	495	231	200	242	-	-	8.5	15	23.5
B4	670	-	255	-	246	-	-	8.5	15	-
C1	680	648	308	272	310	12	19	9	9.8	45
C2	770	739	370	334	335	12	19	9	9.8	65
C3	550	521	308	270	333	-	-	8.5	17	35
C3	755	-	329	-	337	-	-	8.5	17	-
C4	660	631	370	330	333	-	-	8.5	17	50
C4	950	-	391	-	337	-	-	8.5	17	-
D1h	1209	1154	420	304	380	20	11	11	25	104
D2h	1589	1535	420	304	380	20	11	11	25	151

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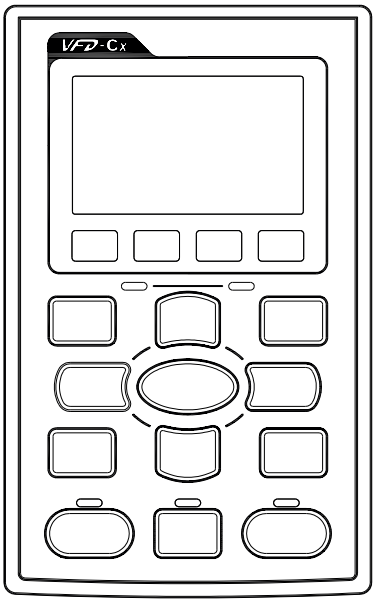
More Information:

C2000

ITEM	THECNICAL CHARACTEISTICS
1	HIGH BANDWIDTH CONTROL
2	SPEED / TORQUE / POSITION CONTROL MODE FOR HIGH PERFORMANCE
3	DUAL RATING DESIGN
4	FOR BOTH SYNCHRONOUS AND ASYNCHRONOUS MOTORS
5	4 QUADRANT TORQUE CONTROL AND LIMIT
6	50°C OPPERATING TEMPERATURE
7	BULT IN DC REACTOR
8	COATED CIRCUIT BOARDS
9	BUILT IN EMC FILTER
10	INTERNATIONAL SAFETY STANDARD
11	SUPPORTS VARIOUS NETWORK PROTOCOLS



DISPLAY

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CREATE HOMEPAGE LOGO

EDITABLE MESSAGE DISPLAY

EDITABLE CHART DISPLAY

VOLTAGE 3 X 230				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
007	A	1	0.75	5
015	A	2	1.50	8
022	A	3	2.2	11
037	A	5	3.7	17
055	B	7.5	5.5	25
075	B	10	7.5	33
110	B	15	11	49
150	C	20	15	65
185	C	25	18.5	75
220	C	30	22	90
300	D	40	30	120
370	D	50	37	146
450	E	60	45	180
550	E	75	55	215
750	E	100	75	255
900	F	125	90	346

VOLTAGE 3 X 460				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
007	A	1	0.75	3
015	A	2	1.50	4
022	A	3	2.2	6
037	A	5	3.7	9
040	A	5.0	4	10.5
055	A	8	5.5	12
075	B	10	7.5	18
110	B	15	11	24
150	B	20	15	32
185	C	25	18.5	38
220	C	30	22	45
300	C	40	30	60
370	D	50	37	73
450	D	60	45	91
550	D	75	55	110
750	D	100	75	150

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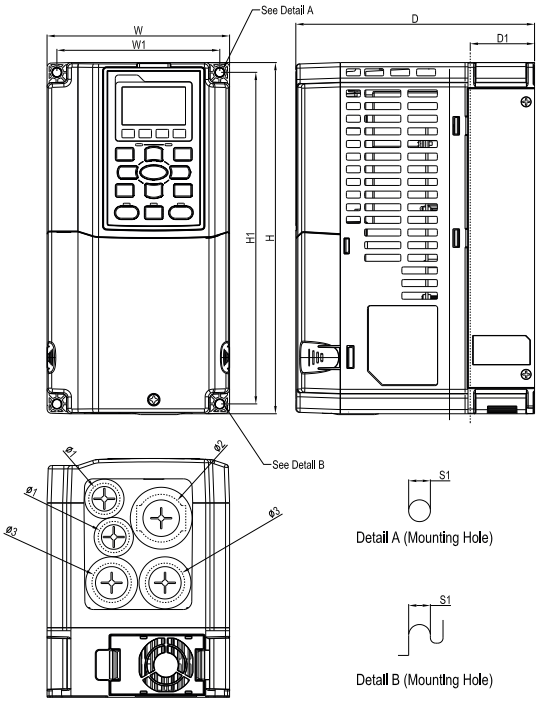
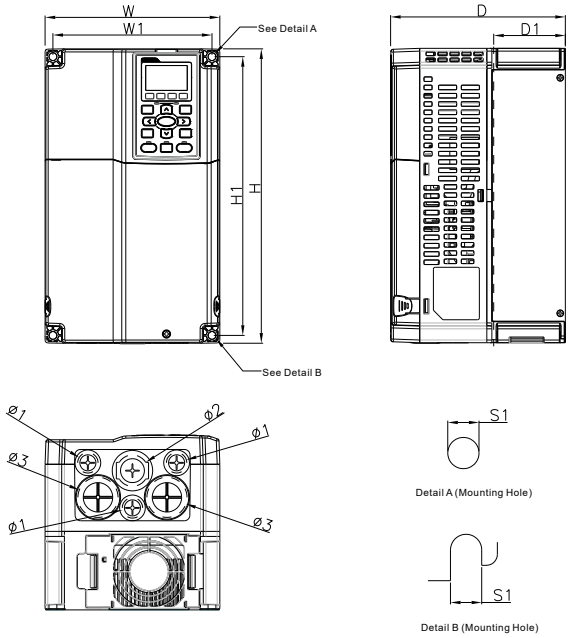


MODEL
VFD007C23A
VFD007C43A/43E
VFD015C23A
VFD015C43A/43E
VFD022C23A
VFD022C43A/43E
VFD037C23A
VFD037C43A/43E
VFD040C43A/43E
VFD055C43A/43E

FRAME	A1
W	130
H	250
D	170
W1	116
H1	236
Θ	6.2
Θ1	22.2
Θ2	34
Θ3	28

MODEL
VFD055C23A
VFD075C23A
VFD075C43A/43E
VFD110C23A
VFD110C43A/43E
VFDD150C43A/43E

FRAME	B1
W	190
H	320
D	190
W1	173
H1	303
S1	8.5
Θ1	22.2
Θ2	34
Θ3	28



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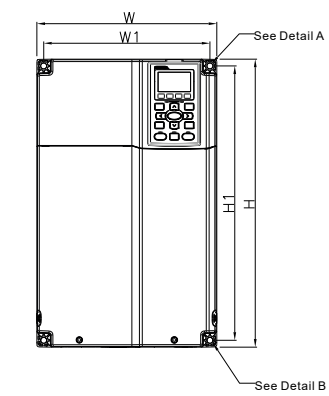
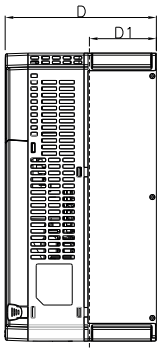
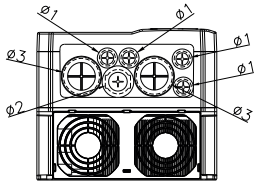






Detail A (Mounting Hole)

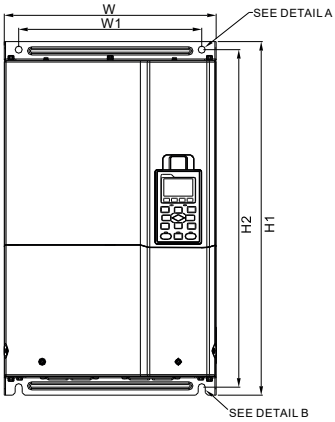
Detail B (Mounting Hole)

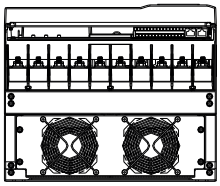
MODEL
VFD150C23A
VFD185C23A
VFD185C43A/43E
VFD220C23A
VFD220C43A/43E
VFD300C43A/43E

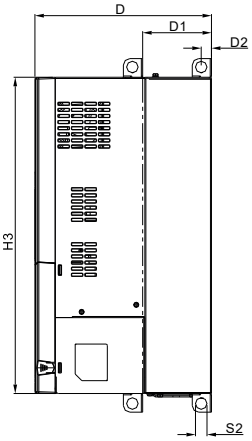
FRAME	C1
W	250
H	400
D	210
W1	231
H1	381
S1	8.5
Θ1	22.2
Θ2	34
Θ3	50

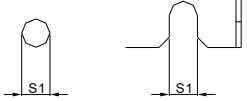
MODEL FD1 - FD2
VFD300C23A
VFD370C23A
VFD370C43A
VFD450C43A
VFD550C43A
VFD750C43A

FRAME	D1	D2
W	330	330
H	-	688.3
D	275	275
W1	285	285
H1	550	550
H2	525	525
H3	492	492
D2	16.0	16
S1	11.0	11
S2	18	18
Θ1	-	76.2
Θ2	-	34
Θ3	-	22









DETAIL A (MOUNTING HOLE)

DETAIL B (MOUNTING HOLE)

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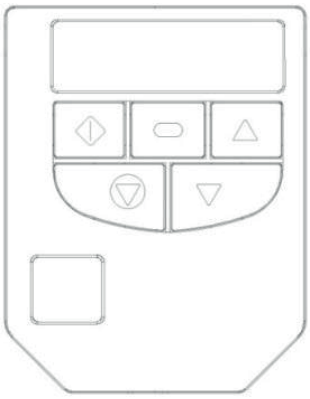
More Information:

ODE-3

ITEM	THECNICAL CHARACTEISTICS
1	FOCUSED ON EASE OF USE
2	PDOVIDES UNRIVALLED SIMPLICITY OF INSTALLATION
3	PRECISE MOTOR CONTROL AND ENERGY SAVINGS WITHIN MINUTES
4	14 BASIC PARAMETERS AND APPLICATION MACRO FUNCTIONS
5	INTUITIVE KEYPAD CONTROL
6	COMPACT AND ROBUST
7	INTERNAL PI CONTROL
8	INTERNAL BRAKE CHOPPER
9	DUAL ANALOGUE INPUTS
10	HIGH STARTING TORQUE
11	EXCELLENT SPEED REGULATION



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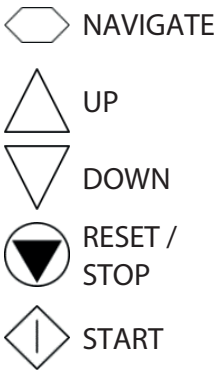

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More Information:

IP66A

IP66B

IP20

VOLTAGE 1 X 110-115				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
3110023101	A-B-2	0.5	0.37	2.3
3110043101	A-B-2	1	0.75	4.3
3210058104	A-B-2	1.5	1.1	5.8

VOLTAGE 3 X 380-480				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
31400223-1	A-B-2	1	0.75	2.2
31400413-1	A-B-2	2	1.5	4.1
32400413-4	A-B-2	2	1.5	4.1
32400583-4	A-B-2	3	2.2	5.8
32400953-4	A-B-2	5	4	9.5
33401403-4	A-B-2	8	6	14
33401803-4	A-B-2	10	7.5	18
33402403-4	A-B-2	15	11	24
34403003-4	A-B-2	20	15	30
34403903-4	A-B-2	25	19	39
34404603-4	A-B-2	30	22	46
35406103F4	2	40	30	61

VOLTAGE 1 X 220-440				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
31200231-1	A-B-2	0.5	0.37	2.3
31200431-1	A-B-2	1	0.75	4.3
31200701-1	A-B-2	2.0	1.5	7
32200701-4	A-B-2	2	1.5	7
32201051-1	A-B-2	3.0	2.2	10.5
3320153104	A-B-2	5	4	15.3

VOLTAGE 3 X 200-240				
MODEL	SIZE	HP	kW	MAX CURRENT [A]
3120023301	A-B-2	0.5	0.37	2.3
3120043301	A-B-2	1	0.75	4.3
3120070301	A-B-2	2	1.5	7
32200703-4	A-B-2	2	1.5	7
32201053-4	A-B-2	3	2.2	10.5
33201803-4	A-B-2	5	4	18
33202403-4	A-B-2	7.5	5.5	24
34203003-4	A-B-2	10	7.5	30
34204603-4	A-B-2	15	11.0	46
35206103F4	2	20	15	61
35207203F4	2	25	19	72

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More Information:

DIMESIONS

IP20

IP20						
	SIZE	1	2	3	4	5
mm	HEIGHT	173	221	261	420	486
mm	WIDTH	83	110	131	171	222
mm	DEPTH	123	150	175	212	226
kg	WEIGHT	1.0	1.7	3.2	9.1	18.1
	FIXINGS	4xM5	4xM5	4xM5	4xM8	4xM8

IP66A

IP66					
	SIZE	1	2	3	4
mm	HEIGHT	232	257	310	360
mm	WIDTH	161	188	211	240
mm	DEPTH	162	182	235	271
kg	WEIGHT	2.3	3.5	6.6	9.5
	FIXINGS	4xM4	4xM4	4xM4	4xM4

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