



Smart solutions.
Strong relationships.

CG PRESSURE BOOSTING SYSTEMS



CGL PUMPS : A REPUTATION FOR EXCELLENCE...

Crompton Greaves Ltd., is an Indian MNC, a part of US\$4 BN Avantha Group conglomerate with an impressive global foot print operating in over 10 countries and has a leadership position in most of its lines of Business.

CGL is designing and manufacturing Dependable innovative range of Centrifugal pumps for over 45 years and supplying to various core sectors of global economy like Water & Waste Water Management, Irrigation, Water Works, Fire Fighting, Processing, Power, Fertilizer, Refinery, Paper, Sugar & Textile Mills. Today CGL is the company having a wide product range of more than 2000 varied pump models catering to different areas of domestic, agriculture and industrial markets.

CGL Centrifugal Monoset Pump Series provides a new generation pumps having broad range of hydraulic coverage and low total cost of ownership, with reliable performance in variety of services.

Our product range broadly covers :

Submersible pump sets : Suitable for Open well and Borewell ranging from diameter 75mm to 250 mm

Panels : Suitable for Open well and Borewell pumps upto 250 mm diameter

Cables : Submersible cables upto 6 sq mm

Surface mounted pumps : Monosets in self-priming & non-self priming and coupled pump set in self priming

Horizontal Split case pumps

End Suction Pumps as per ISO 2858 / DIN 24255

Jet Pumps : Shallow well, Multi stage, Twin Type and Packer Type

Diesel engine driven Pump sets

Non Clog Dewatering Self priming pumps in bare shaft, monosets and coupled constructions.

With a view to augment our manufacturing capabilities we are setting up a large state of the art manufacturing plant, at MIDC Ahmednagar, complete with computerized testing facilities and adherence to latest quality standards to meet the varied needs of customers.

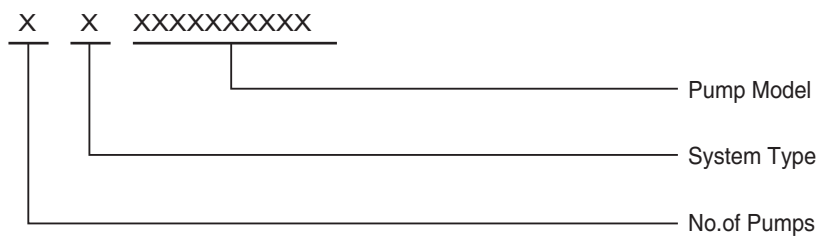
The company has more than 200 models in the 4 star and 5 star category duly approved by the Bureau of Energy Efficiency, a nodal agency under the Ministry of Power to serve varied needs in Agriculture and Industries.



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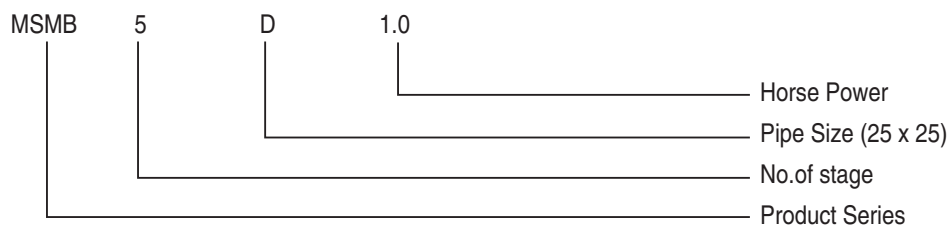
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Product Coding



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graph LR
    CG[CG] --- VM_HM[VM / HM]
    CG --- Brand[Brand]
    VM_HM --- 16[16]
    VM_HM --- 20_1[20]
    16 --- Discharge[Discharge m3/h]
    16 --- VM_HM_2[Vertical Multistage / Horizontal Multistage]
    20_1 --- HorsePower[Horse Power]
    20_1 --- 20_2[20]
    20_2 --- NoStages[No.of stages - 20]
  
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Brand

- CG - Crompton Greaves

CG PRESSURE BOOSTING SYSTEMS

Models :



CONTROL SYSTEM - 0

Compact Design, Ideal for panel mounting
Vibration proof , Long operation file
High contact load
Ultra Short bounce times
High pulsation protection



CONTROL SYSTEM - 1

ON/OFF SYSTEM - Single Pump

Electronic Control System designed to regulate pump operation

Features :

Control pump operations
Dry Running & IP 55 Protection



CONTROL SYSTEM - 2

ON/OFF SYSTEM - Double Pump

Electronic Control System for booster set of 2 pumps

Features :

Control two pump operations
Dry Running & IP 55 Protection



CONTROL SYSTEM - 4

ON/OFF SYSTEM-Double Pump External

Control Panel Managed by a Microprocessor system for booster set of 2 pumps

Features:

Control Two Pump operations
Dry Running & IP 55 Protection
Phase Failure Protection
Float switch control operation (3 port)



CONTROL SYSTEM - 5

External VFD

Soft Start / Stop - Reduces Mechanical Stress and increases Life of Pump & Motor.
Automatic changeover of VFD between the pumps based on time based cyclical operation.
Automatic changeover equalises the running time between pumps.
Output pressures monitored by VFD through Pressure Transducer.
High / Low voltage protection. Surge Protection.
Overload Protection. Dry Run Protection.
Phase failure protection. IP 42 Complaint Control Panel.
Compact size Control Panel.
System functioning display through LCD / LED.
Touch key pads for easy operation settings.

CONTROL SYSTEM - 3

VFD MODEL

VFD for Pumps with built in pressure and flow sensor



Features :

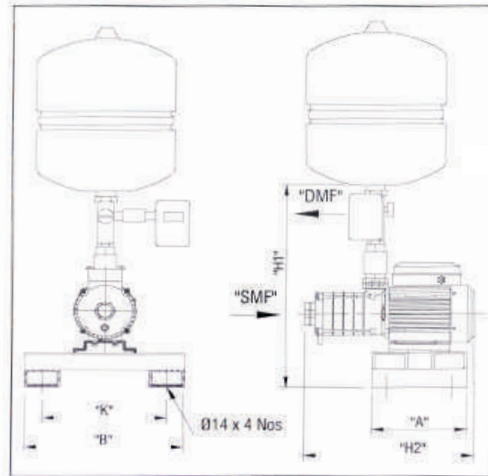
Controls upto Four Pump operation
Maintains Constant Pressure
Dry Running & IP 55 Protection
Phase Failure Protection
Soft Start / Soft Stop
Upto 60% Power Savings
Easy to install
Increases pump life by more than 30%
Built in flow sensor & pressure sensor
RS Port communication connectivity

VFD Features

Italian make VFD
Flow through architecture
Maintains Constant Pressure at Variable Speed
Inbuilt VFD (Variable Frequency Drive)
Inbuilt Pressure Sensor
Inbuilt Flow Sensor
Inbuilt Dry Running Protection
Inbuilt Single Phase Protection
Inbuilt High Voltage Protection
Inbuilt Low Voltage Protection
Inbuilt Phase Failure Protection (In case there is any damage to the wire, the system senses a phase missing and automatically stops the Pump)
IP 55 Protection
Power saving up to 60%
Easy to Install
Large Pressure Tank & Pressure switch is not required
Soft Start/Soft Stop Increases the Pump life by more than 30%
RS 485 Port Communication Connectivity
Two Sets of Pressure Point Selection
Digital Display of all details required
Automatic Changeover of Pumps at every start up cycle
No external control panel required
Anti - Frost Protection
High Temperature Protection

CG 10 SERIES

CG 10 SERIES



Operating Data

Maximum HP	3.0 HP
Operating Voltage	220 V
Maximum Current	20 A
Operating Pressure	10 bar

Features

Control pump operation Min. 1.5-2.0 bar
Max. Pump Shut off head

Dry Running Protection
IP 55 Protection
Pressure tank (optional)

Application

Houses
Apartments
Hotels

ELECTRICAL & HYDRAULIC DATA

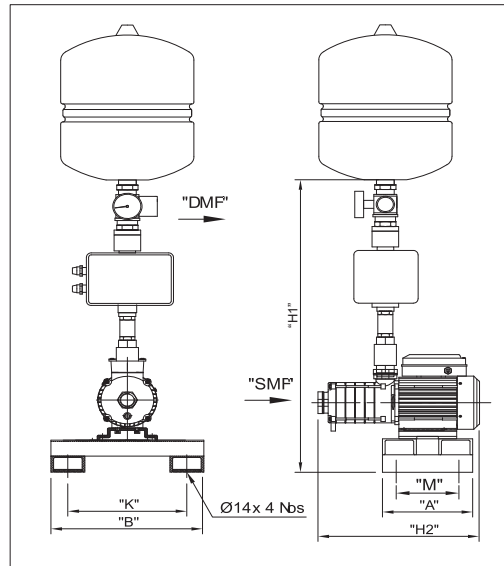
S.No.	Model	Voltage (50 Hz)	HP	Current (A)	Dis. (lpm)	Max. Pressure Obtainable (bar)	Pressure setting (bar)
1	10MSMB 3D 0.50	220	0.50	2.8	42 - 12.5	3	1.5 - 2.5
2	10MSMB 4D 0.75	220	0.75	4.5	42 - 12.5	4	1.5 - 3.5
3	10MSMB 5D 1.00	220	1.00	5.0	42 - 12.5	5	1.5 - 4.5
4	10CGHM 2/0.50-3	220	0.50	3.0	50 - 10	2.8	1.5 - 2.5
5	10CGHM 2/0.75-5	220	0.75	4.5	66 - 10	4.7	1.5 - 4.5
6	10CGHM 2/1.0-6	220	1.00	6.5	75 - 10	5.5	1.5 - 5.0
7	10CGHM 4/0.75-3	220	0.75	4.5	100 - 15	2.8	1.5 - 2.5
8	10CGHM 4/1.00-4	220	1.00	6.5	100 - 15	3.7	1.5 - 3.0
9	10CGHM 4/1.50-6	220	1.50	9.5	120 - 15	5.6	1.5 - 5.0
10	10CGHM 8/1.5-3	220	1.50	9.5	180 - 82	3.1	1.5 - 2.5
11	10CGHM 8/2.0-4	220	2.00	13.00	200 - 82	4.1	1.5 - 3.5

DIMENSION DETAILS

S.No.	Model	A	B	H1	H2	SMF	DMF
1	10MSMB 3D 0.50	330	470	540	271	1"	1"
2	10MSMB 4D 0.75	330	470	540	271	1"	1"
3	10MSMB 5D 1.00	330	470	540	271	1"	1"
4	10CGHM 2/0.50-3	330	470	540	284	1"	1"
5	10CGHM 2/0.75-5	330	470	540	284	1"	1"
6	10CGHM 2/1.0-6	330	470	540	309	1"	1"
7	10CGHM 4/0.75-3	330	470	540	284	1¼"	1"
8	10CGHM 4/1.00-4	330	470	540	310	1¼"	1"
9	10CGHM 4/1.50-6	330	470	540	310	1¼"	1"
10	10CGHM 8/1.5-3	330	470	540	325	1½"	1½"
11	10CGHM 8/2.0-4	330	470	540	480	1½"	1½"

CG 11 SERIES

CG 11 SERIES



Operating Data

Maximum HP	2.0 HP
Operating Voltage	220 V $\pm$ 10%
Maximum Current	20 A
Operating Pressure	10 bar

Control System type - ON-OFF System

Features

Min. 1.5 bar Pressure
Max. Pressure - Pump Shut off head
Dry Running Protection
Motor Protection IP 44
Insulation Class 'B'

Application

Houses
Apartments
Hotels

ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Voltage (50 Hz)	HP	Dis. (lpm)	Max. Pressure Obtainable (bar)	Pressure setting (bar)
1	11MSMB 3D 0.50	220	0.50	42 - 12.5	3	1.5 - 2.8
2	11MSMB 4D 0.75	220	0.75	42 - 12.5	4	1.5 - 3.7
3	11MSMB 5D 1.00	220	1.00	42 - 12.5	5	1.5 - 4.7
4	11CGHM 2/0.50-3	220	0.50	50 - 10	2.6	1.5 - 2.4
5	11CGHM 2/0.75-5	220	0.75	66 - 10	4.2	1.5 - 3.9
6	11CGHM 2/1.00-6	220	1.00	75 - 10	5.1	1.5 - 4.7
7	11CGHM 4/0.5-2	220	0.50	80 - 15	1.5	1.5 - 1.3
8	11CGHM 4/0.75-3	220	0.75	100 - 15	2.3	1.5 - 2
9	11CGHM 4/1.00-4	220	1.00	110 - 15	3.5	1.5 - 3.3
10	11CGHM 4/1.50-6	220	1.50	120 - 15	5.3	1.5 - 5.0
11	11CGHM 8/1.00-2	220	1.00	150 - 82	1.7	1.5 - 1.5
12	11CGHM 8/1.50-3	220	1.50	180 - 82	2.8	1.5 - 2.5
13	11CGHM 8/2.00-4	220	2.00	200 - 82	3.7	1.5 - 3.5

DIMENSION DETAILS

S.No.	Model	A	B	H1	H2	SMF	DMF
1	11MSMB 3D 0.50	330	470	590	271	1"	1"
2	11MSMB 4D 0.75	330	470	590	271	1"	1"
3	11MSMB 5D 1.00	330	470	590	271	1"	1"
4	11CGHM 2/0.50-3	330	470	590	284	1"	1"
5	11CGHM 2/0.75-5	330	470	590	284	1"	1"
6	11CGHM 2/1.00-6	330	470	590	309	1"	1"
7	11CGHM 4/0.50-2	330	470	590	284	1"	1"
8	11CGHM 4/0.75-3	330	470	590	284	1¼"	1"
9	11CGHM 4/1.00-4	330	470	590	310	1¼"	1"
10	11CGHM 4/1.50-6	330	470	590	310	1¼"	1"
11	11CGHM 8/1.00-2	330	470	590	325	1½"	1½"
12	11CGHM 8/1.50-3	330	470	590	325	1½"	1½"
13	11CGHM 8/2.00-4	330	470	590	480	1½"	1½"

CG 13 SERIES

CG 13 SERIES



Operating Data

Maximum HP	7.5 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	13.3 A
Operating Pressure	15 bar

Control System Type 3 (VFD model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

Houses
Apartments
Hotels

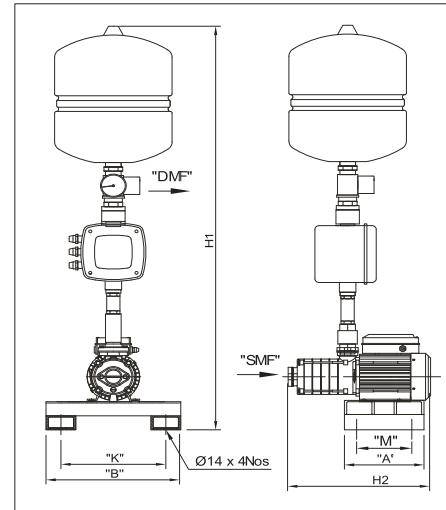
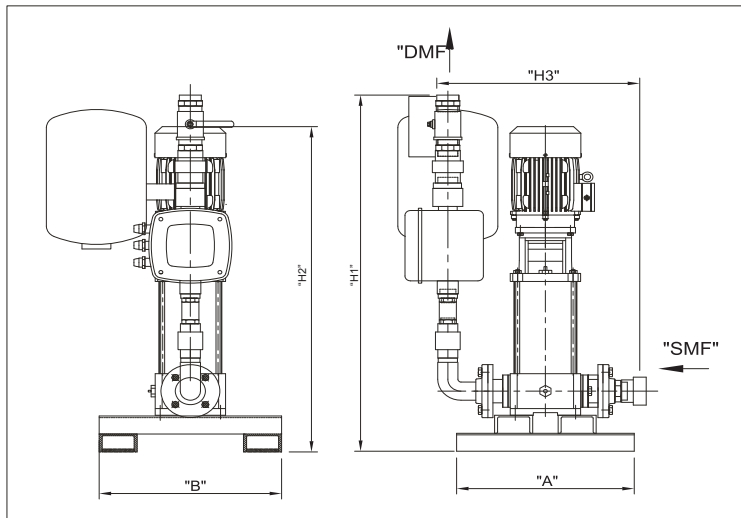
ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting up to (bar)
1	13MSMB 3D 0.50	220	0.50	20 / 33	3.0	2.0
2	13MSMB 4D 0.75	220	0.75	27 / 33	4.0	2.6
3	13MSMB 5D 1.00	220	1.00	34 / 33	5.0	3.3
4	13CGHM 2/0.50-3	220	0.50	18 / 33	2.6	1.7
5	13CGHM 2/0.75-5	220	0.75	29 / 33	4.2	2.8
6	13CGHM 2/1.00-6	220	1.00	35 / 33	5.1	3.4
7	13CGHM 4/0.50-2	220	0.50	9 / 66	1.5	1.0
8	13CGHM 4/0.75-3	220	0.75	16 / 66	2.3	1.5
9	13CGHM 4/1.00-4	220	1.00	26 / 66	3.5	2.3
10	13CGHM 4/1.50-6	220	1.50	39 / 66	5.3	3.5
11	13CGHM 8/1.00-2	220	1.00	12 / 133	1.7	1.1
12	13CGHM 8/1.50-3	220	1.50	23 / 133	2.8	1.8
13	13CGHM 8/2.00-4	220	2.00	29 / 133	3.7	2.5
14	13CGHM 8/3.00-5	220	3.00	42 / 133	5.0	3.3
15	13CGVM 2/0.50-3	220	0.50	21 / 33	2.3	1.5
16	13CGVM 2/0.75-5	220	0.75	35 / 33	3.9	2.6
17	13CGVM 2/1.00-7	220	1.00	49 / 33	5.4	3.6
18	13CGVM 2/1.50 -11	220	1.50	77 / 33	8.7	5.8

CG 13 SERIES

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting upto (bar)
21	13CGVM 2/2.00-15	220	2.00	105 / 33	12.3	8.1
22	13CGVM 2/3.00-22	220	3.00	162 / 33	18.8	12.4
23	13CGVM 2/4.00-26	415	4.00	199 / 33	22.7	15.0
24	13CGVM 4/0.50-2	220	0.50	14 / 66	1.7	1.1
25	13CGVM 4/0.75-3	220	0.75	21 / 66	2.6	1.7
26	13CGVM 4/1.00-4	220	1.00	28 / 66	3.3	2.1
27	13CGVM 4/1.50-6	220	1.50	42 / 66	5.1	3.4
28	13CGVM 4/2.00-8	220	2.00	56 / 66	6.9	4.5
29	13CGVM 4/3.00-12	220	3.00	85 / 66	10.3	6.8
30	13CGVM 4/4.00-16	415	4.00	124 / 66	14.6	9.6
31	13CGVM 4/5.00-22	415	5.00	154 / 66	18.5	12.2
32	13CGVM 8/1.00-2	220	1.00	17 / 133	2.0	1.8
33	13CGVM 8/1.50-3	220	1.50	26 / 133	3.2	2.1
34	13CGVM 8/2.00-4	220	2.00	34 / 133	3.8	2.5
35	13CGVM 8/3.00-6	220	3.00	51 / 133	5.3	3.5
36	13CGVM 8/4.00-8	415	4.00	66 / 133	8.0	5.3
37	13CGVM 8/5.00-12	415	5.00	102 / 133	11.9	7.8
38	13CGVM 8/7.50-16	415	7.50	136 / 133	18.4	10.2
39	13CGVM 16/3.00-2	220	3.00	15 / 266	2.2	1.5
40	13CGVM 16/4.00-3	415	4.00	25 / 266	3.2	2.1
41	13CGVM 16/5.00-4	415	5.00	38 / 266	4.7	3.1
42	13CGVM 16/7.50-6	415	7.50	66 / 266	7.9	5.2

DIMENSION DETAILS



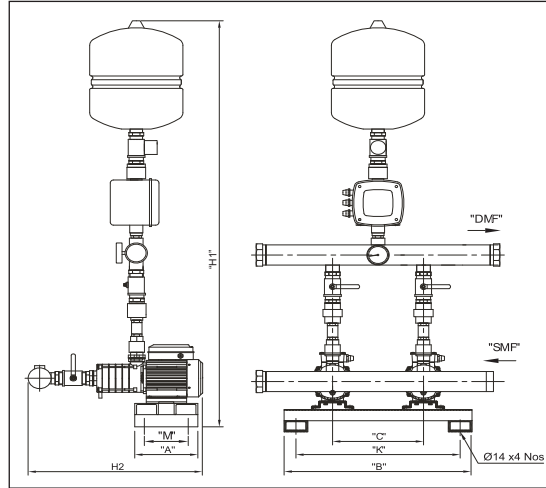
CG 13 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	H1	H2	H3	K	M	SMF	DMF
1	13MSMB 3D 0.50	330	470	700	271	-	410	280	1"	1"
2	13MSMB 4D 0.75	330	470	700	271	-	410	280	1"	1"
3	13MSMB 5D 1.00	330	470	700	271	-	410	280	1"	1"
4	13CGHM 2/0.50-3	330	470	700	284	-	410	280	1"	1"
5	13CGHM 2/0.75-5	330	470	700	284	-	410	280	1"	1"
6	13CGHM 2/1.00-6	330	470	700	309	-	410	280	1"	1"
7	13CGHM 4/0.50-2	330	470	700	284	-	410	280	1"	1"
8	13CGHM 4/0.75-3	330	470	700	284	-	410	280	1¼"	1"
9	13CGHM 4/1.00-4	330	470	700	310	-	410	280	1¼"	1"
10	13CGHM 4/1.50-6	330	470	700	310	-	410	280	1¼"	1"
11	13CGHM 8/1.00-2	330	470	750	325	-	410	280	1½"	1½"
12	13CGHM 8/1.50-3	330	470	750	325	-	410	280	1½"	1½"
13	13CGHM 8/2.00-4	330	470	750	332	-	410	280	1½"	1½"
14	13CGHM 8/3.00-5	330	470	750	336	-	410	280	1½"	1½"
15	13CGVM 2/0.50-3	330	470	750	559	500	410	280	1"	1"
16	13CGVM 2/0.75-5	330	470	750	595	500	410	280	1"	1"
17	13CGVM 2/1.00-7	330	470	750	652	500	410	280	1"	1"
18	13CGVM 2/1.50-11	330	470	750	724	500	410	280	1"	1"
19	13CGVM 2/2.00-15	330	470	750	847	500	410	280	1"	1"
20	13CGVM 2/3.00-22	330	470	750	994	500	410	280	1"	1"
21	13CGVM 2/4.00-26	330	470	750	1092	500	410	280	1"	1"
22	13CGVM 4/0.50-2	330	470	750	559	500	410	280	1¼"	1"
23	13CGVM 4/0.75-3	330	470	750	586	500	410	280	1¼"	1"
24	13CGVM 4/1.00-4	330	470	750	633	500	410	280	1¼"	1"
25	13CGVM 4/1.50-6	330	470	750	687	500	410	280	1¼"	1"
26	13CGVM 4/2.00-8	330	470	750	792	500	410	280	1¼"	1"
27	13CGVM 4/3.00-12	330	470	750	921	500	410	280	1¼"	1"
28	13CGVM 4/4.00-16	330	470	750	1055	500	410	280	1¼"	1"
29	13CGVM 4/5.00-22	330	470	750	1217	500	410	280	1¼"	1"
30	13CGVM 8/1.00-2	330	470	750	683	600	410	280	1¼"	1"
31	13CGVM 8/1.50-3	330	470	750	713	600	410	280	1½"	1½"
32	13CGVM 8/2.00-4	330	470	750	782	600	410	280	1½"	1½"
33	13CGVM 8/3.00-6	330	470	750	863	600	410	280	1½"	1½"
34	13CGVM 8/4.00-8	330	470	750	951	600	410	280	1½"	1½"
35	13CGVM 8/5.00-12	330	470	750	1071	600	410	280	1½"	1½"
36	13CGVM 8/7.50-16	330	470	750	1316	600	410	280	1½"	1½"
37	13CGVM 16/3.00-2	330	470	750	773	600	410	280	1½"	1½"
38	13CGVM 16/4.00-3	330	470	750	846	600	410	280	1½"	1½"
39	13CGVM 16/5.00-4	330	470	750	891	600	410	280	1½"	1½"
40	13CGVM 16/7.50-6	330	470	750	1106	600	410	280	1½"	1½"

CG 22 SERIES

CG 22 SERIES



Operating Data

Maximum HP	2 HP
Operating Voltage	220 V $\pm$ 10%
Maximum Current	20 A
Operating Pressure	15 bar

Features

Control two pump operation min 1.0 bar max 15 bar
 Dry running protection
 Control System type 2 (ON/OFF - Double pump)
 Motor Protection IP 44
 Insulation Class 'B'

Application

• Houses • Apartments • Hotels • Industries

ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting up to (bar)
1	22MSMB 3D 0.50	220	2 x 0.50	42 / 12.5	3	1.5 - 2.8
2	22MSMB 4D 0.75	220	2 x 0.75	53 / 12.5	4	1.5 - 3.7
3	22MSMB 5D 1.00	220	2 x 1.00	58 / 12.5	5	1.5 - 4.7
4	22CGHM 2/0.50-3	220	2 x 0.50	50 / 10	2.6	1.5 - 2.4
5	22CGHM 2/0.75-5	220	2 x 0.75	66 / 10	4.2	1.5 - 3.9
6	22CGHM 2/1.00-6	220	2 x 1.00	75 / 10	5.1	1.5 - 4.7
7	22CGHM 4/0.75-3	220	2 x 0.75	100 / 15	2.3	1.5 - 2
8	22CGHM 4/1.00-4	220	2 x 1.00	110 / 15	3.5	1.5 - 3.3
9	22CGHM 4/1.50-6	220	2 x 1.50	120 / 15	5.3	1.5 - 5.0
10	22CGHM 8/1.00-2	220	2 x 1.00	150 / 82	1.7	1.5 - 1.5
11	22CGHM 8/1.50-3	220	2 x 1.50	180 / 82	2.8	1.5 - 2.5
12	22CGHM 8/2.00-4	220	2 x 2.00	200 / 82	3.7	1.5 - 3.5

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	SMF	DMF	K	M
1	22MSMB 3D 0.50	356	565	300	888	271	1½"	1½"	289	280
2	22MSMB 4D 0.75	356	565	300	888	271	1½"	1½"	289	280
3	22MSMB 5D 1.00	356	565	300	888	271	1½"	1½"	289	280
4	22CGHM 2/0.50-3	356	565	300	918	284	1½"	1½"	289	280
5	22CGHM 2/0.75-5	356	565	300	918	284	1½"	1½"	289	280
6	22CGHM 2/1.00-6	356	565	300	918	309	1½"	1½"	289	280
7	22CGHM 4/0.75-3	356	565	300	908	284	2"	2"	289	280
8	22CGHM 4/1.00-4	356	565	300	908	310	2"	2"	289	280
9	22CGHM 4/1.50-6	356	565	300	908	310	2"	2"	289	280
10	22CGHM 8/1.00-2	381	646	360	970	325	3"	3"	510	305
11	22CGHM 8/1.50-3	381	646	360	970	325	3"	3"	510	305
12	22CGHM 8/2.00-4	381	646	360	970	780	3"	3"	510	305

CG 23 SERIES

CG 23 SERIES



Operating Data

Maximum HP	7.5 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase
	415 V $\pm$ 10% - Three Phase
Maximum Current	13.3 A
Operating Pressure	15 bar

Control System Type 3 (VFD model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

Houses
Apartments
Hotels

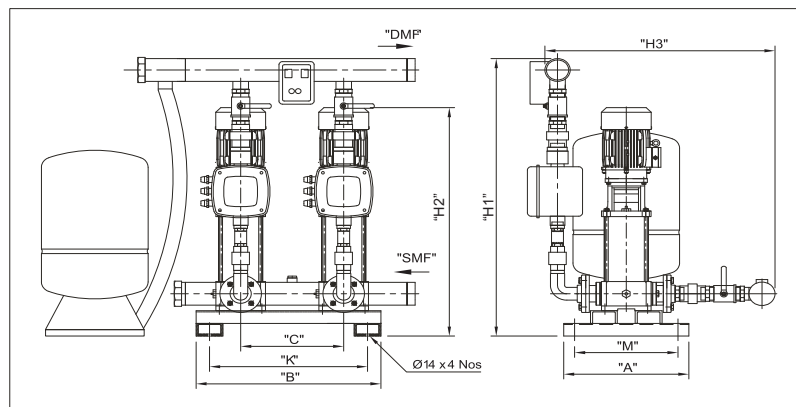
ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting up to (bar)
1	23MSMB 4D 0.75	220	2 x 0.75	27 / 33	4.0	2.6
2	23MSMB 5D 1.00	220	2 x 1.00	34 / 33	5.0	3.3
3	23CGHM 2/0.75-5	220	2 x 0.75	34 / 33	4.2	2.8
4	23CGHM 2/1.00-6	220	2 x 1.00	35 / 33	5.1	3.4
5	23CGHM 4/0.75-3	220	2 x 0.75	16 / 66	2.3	1.5
6	23CGHM 4/1.00-4	220	2 x 1.00	26 / 66	3.5	2.3
7	23CGHM 4/1.50-6	220	2 x 1.50	39 / 66	5.3	3.5
8	23CGHM 8/1.00-2	220	2 x 1.00	12 / 133	1.7	1.1
9	23CGHM 8/1.50-3	220	2 x 1.50	23 / 133	2.8	1.8
10	23CGHM 8/2.00-4	220	2 x 2.00	29 / 133	3.7	2.5
11	23CGHM 8/3.00-5	220	2 x 3.00	42 / 133	5.0	3.3
12	23CGVM 2/0.75-5	220	2 x 0.75	35 / 33	3.9	2.6
13	23CGVM 2/1.00-7	220	2 x 1.00	49 / 33	5.4	3.6
14	23CGVM 2/1.50 -11	220	2 x 1.50	77 / 33	8.7	5.8
15	23CGVM 2/2.00-15	220	2 x 2.00	105 / 33	12.3	8.1
16	23CGVM 2/3.00-22	220	2 x 3.00	162 / 33	18.8	12.4
17	23CGVM 2/4.00-26	415	2 x 4.00	199 / 33	22.7	15.0
18	23CGVM 4/0.75-3	220	2 x 0.75	21 / 66	2.6	1.7
19	23CGVM 4/1.00-4	220	2 x 1.00	28 / 66	3.3	2.1

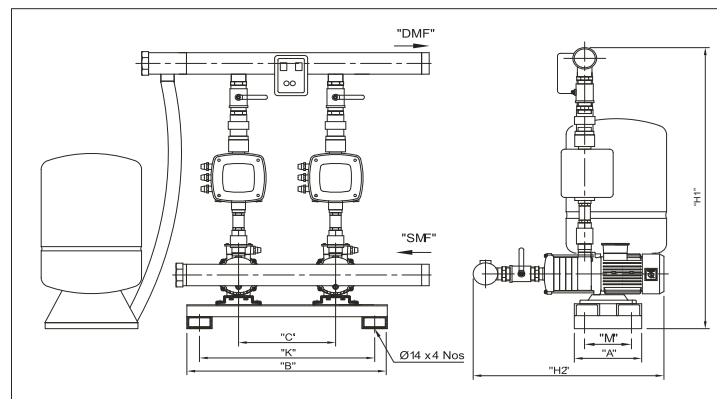
CG 23 SERIES

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting up to (bar)
22	23CGVM 4/1.50-6	220	2 x 1.50	42 / 66	5.1	3.4
23	23CGVM 4/2.00-8	220	2 x 2.00	56 / 66	6.9	4.5
24	23CGVM 4/3.00-12	220	2 x 3.00	85 / 66	10.3	6.8
25	23CGVM 4/4.00-16	415	2 x 4.00	124 / 66	14.6	9.6
26	23CGVM 4/5.00-22	415	2 x 5.00	154 / 66	18.5	12.2
27	23CGVM 8/1.00-2	220	2 x 1.00	17 / 133	2.0	1.3
28	23CGVM 8/1.50-3	220	2 x 1.50	26 / 133	3.2	2.1
29	23CGVM 8/2.00-4	220	2 x 2.00	34 / 133	3.8	2.5
30	23CGVM 8/3.00-6	220	2 x 3.00	51 / 133	5.3	3.5
31	23CGVM 8/4.00-8	415	2 x 4.00	66 / 133	8.0	5.3
32	23CGVM 8/5.00-12	415	2 x 5.00	102 / 133	11.9	7.8
33	23CGVM 8/7.50-16	415	2 x 7.50	136 / 133	15.4	10.2
34	23CGVM 16/3.00-2	220	2 x 3.00	15 / 266	2.2	1.5
35	23CGVM 16/4.00-3	415	2 x 4.00	25 / 266	3.2	2.1
36	23CGVM 16/5.00-4	415	2 x 5.00	38 / 266	4.7	3.1
37	23CGVM 16/7.50-6	415	2 x 7.50	66 / 266	7.9	5.2

CGVM - Series



CGHM - Series



CG 23 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	23MSMB 4D 0.75	356	565	300	1280	271	-	489	280	1½"	1½"
2	23MSMB 5D 1.00	356	565	300	1280	271	-	489	280	1½"	1½"
3	23CGHM 2/0.75-5	356	565	300	1280	284	-	489	280	1½"	1½"
4	23CGHM 2/1.00-6	356	565	300	1280	309	-	489	280	1½"	1½"
5	23CGHM 4/0.75-3	356	565	300	1280	284	-	489	280	2"	2"
6	23CGHM 4/1.00-4	356	565	300	1280	310	-	489	280	2"	2"
7	23CGHM 4/1.50-6	356	565	300	1280	310	-	489	280	2"	2"
8	23CGHM 8/1.00-2	381	646	360	1350	325	-	570	305	3"	3"
9	23CGHM 8/1.50-3	381	646	360	1350	325	-	570	305	3"	3"
10	23CGHM 8/2.00-4	381	646	360	1350	332	-	570	305	3"	3"
11	23CGHM 8/3.00-5	381	646	360	1350	336	-	570	305	3"	3"
12	23CGVM 2/0.75-5	356	565	300	950	595	600	489	280	1½"	1½"
13	23CGVM 2/1.00-7	356	565	300	950	652	600	489	280	1½"	1½"
14	23CGVM 2/1.50-11	356	565	300	950	724	600	489	280	2"	2"
15	23CGVM 2/2.00-15	356	565	300	950	847	600	489	280	2"	2"
16	23CGVM 2/3.00-22	356	565	300	950	994	600	489	280	2"	2"
17	23CGVM 2/4.00-26	356	565	300	950	1092	600	489	280	2"	2"
18	23CGVM 4/0.75-3	356	565	300	950	586	600	489	280	2"	2"
19	23CGVM 4/1.00-4	356	565	300	950	633	600	489	280	2"	2"
20	23CGVM 4/1.50-6	356	565	300	950	687	600	489	280	2"	2"
21	23CGVM 4/2.00-8	356	565	300	950	792	600	489	280	2"	2"
22	23CGVM 4/3.00-12	356	565	300	950	921	600	489	280	2"	2"
23	23CGVM 4/4.00-16	356	565	300	950	1055	600	489	280	2"	2"
24	23CGVM 4/5.00-22	356	565	300	950	1217	600	489	280	2"	2"
25	23CGVM 8/1.00-2	381	646	360	1200	683	750	570	305	3"	3"
26	23CGVM 8/1.50-3	381	646	360	1200	713	750	570	305	3"	3"
27	23CGVM 8/2.00-4	381	646	360	1200	782	750	570	305	3"	3"
28	23CGVM 8/3.00-6	381	646	360	1200	863	750	570	305	3"	3"
29	23CGVM 8/4.00-8	381	646	360	1200	951	750	570	305	3"	3"
30	23CGVM 8/5.00-12	381	646	360	1200	1071	750	570	305	3"	3"
31	23CGVM 8/7.50-16	381	646	360	1200	1316	750	570	305	3"	3"
32	23CGVM 16/3.00-2	381	646	360	1200	773	750	570	305	3"	3"
33	23CGVM 16/4.00-3	381	646	360	1200	846	750	570	305	3"	3"
34	23CGVM 16/5.00-4	381	646	360	1200	891	750	570	305	3"	3"
35	23CGVM 16/7.50-6	381	646	360	1200	1106	750	570	305	3"	3"

CG 24 SERIES



Operating Data

Maximum HP	7.5 + 7.5 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	13.3 A
Operating Pressure	15 bar

Control System Type 4 (Double Pump External)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

Houses
Apartments
Hotels

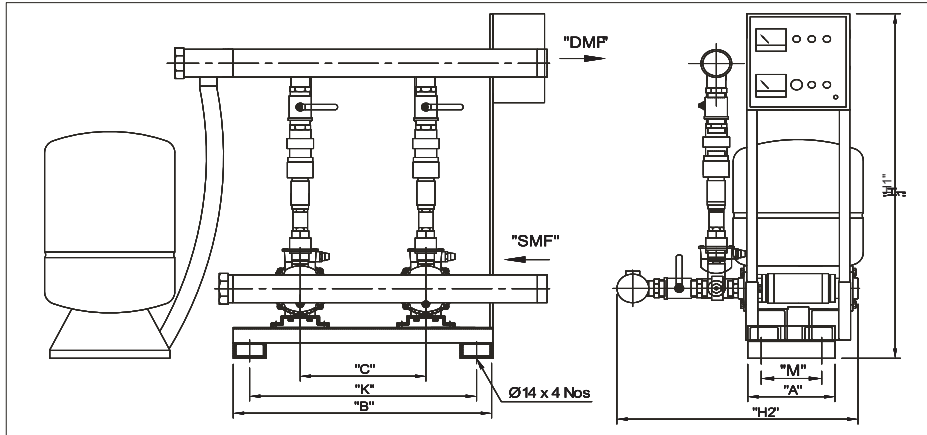
ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)
1	24MSMB 3D 0.50	220	2 x 0.50	20 / 66	3.0
2	24MSMB 4D 0.75	220	2 x 0.75	27 / 66	4.0
3	24MSMB 5D 1.00	220	2 x 1.00	34 / 66	5.0
4	24CGHM 2/0.50-3	220	2 x 0.50	18 / 66	2.6
5	24CGHM 2/0.75-5	220	2 x 0.75	29 / 66	4.2
6	24CGHM 2/1.00-6	220	2 x 1.00	35 / 66	5.1
7	24CGHM 4/0.75-3	220	2 x 0.75	16 / 132	2.3
8	24CGHM 4/1.00-4	220	2 x 1.00	26 / 132	3.5
9	24CGHM 4/1.50-6	220	2 x 1.50	39 / 132	5.3
10	24CGHM 8/1.00-2	220	2 x 1.00	12 / 266	1.7
11	24CGHM 8/1.50-3	220	2 x 1.50	23 / 266	2.8
12	24CGHM 8/2.00-4	220	2 x 2.00	29 / 266	3.7
13	24CGHM 8/3.00-5	415	2 x 3.00	42 / 266	5.0
14	24CGVM 2/0.50-3	220	2 x 0.50	21 / 66	2.3
15	24CGVM 2/0.75-5	220	2 x 0.75	35 / 66	3.9
16	24CGVM 2/1.00-7	220	2 x 1.00	49 / 66	5.4
17	24CGVM 2/1.50 -11	220	2 x 1.50	77 / 66	8.7
18	24CGVM 2/2.00-15	220	2 x 2.00	105 / 66	12.3
19	24CGVM 2/3.00-22	415	2 x 3.00	162 / 66	18.8
20	24CGVM 2/4.00-26	415	2 x 4.00	199 / 66	22.7
21	24CGVM 4/0.50-2	220	2 x 0.50	14 / 132	1.7
22	24CGVM 4/0.75-3	220	2 x 0.75	21 / 132	2.6
23	24CGVM 4/1.00-4	220	2 x 1.00	28 / 132	3.3

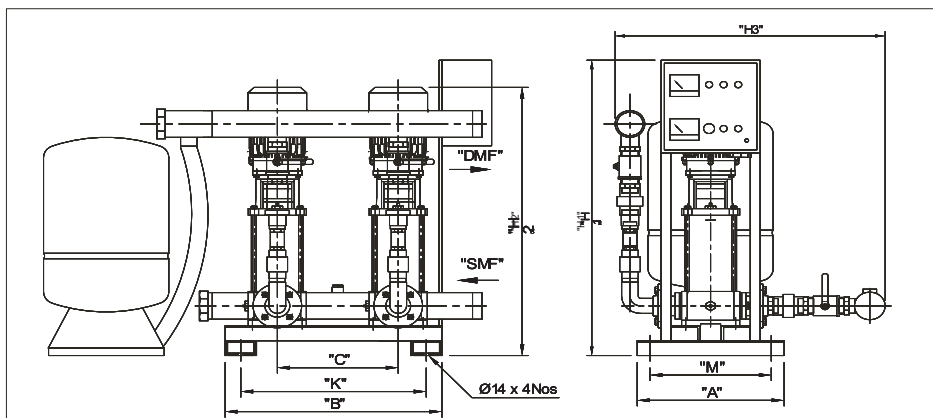
CG 24 SERIES

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)
24	24CGVM 4/1.50-6	220	2 x 1.50	42 / 132	5.1
25	24CGVM 4/2.00-8	220	2 x 2.00	56 / 132	6.9
26	24CGVM 4/3.00-12	415	2 x 3.00	85 / 132	10.3
27	24CGVM 4/4.00-16	415	2 x 4.00	124 / 132	14.6
28	24CGVM 4/5.00-22	415	2 x 5.00	154 / 132	18.5
29	24CGVM 8/1.00-2	220	2 x 1.00	17 / 266	2.0
30	24CGVM 8/1.50-3	220	2 x 1.50	26 / 266	3.2
31	24CGVM 8/2.00-4	220	2 x 2.00	34 / 266	3.8
32	24CGVM 8/3.00-6	415	2 x 3.00	51 / 266	5.3
33	24CGVM 8/4.00-8	415	2 x 4.00	66 / 266	8.0
34	24CGVM 8/5.00-12	415	2 x 5.00	102 / 266	11.9
35	24CGVM 8/7.50-16	415	2 x 7.50	136 / 266	15.4
36	24CGVM 16/3.00-2	415	2 x 3.00	15 / 532	2.2
37	24CGVM 16/4.00-3	415	2 x 4.00	25 / 532	3.2
38	24CGVM 16/5.00-4	415	2 x 5.00	38 / 532	4.7
39	24CGVM 16/7.50-6	415	2 x 7.50	66 / 532	7.9

CGHM - Series



CGVM - Series



CG 24 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	K	M	SMF	DMF
1	24MSMB 3D 0.50	356	565	300	1000	271	489	280	1½"	1½"
2	24MSMB 4D 0.75	356	565	300	1000	271	489	280	1½"	1½"
3	24MSMB 5D 1.00	356	565	300	1000	271	489	280	1½"	1½"
4	24CGHM 2/0.50-3	356	565	300	1000	284	489	280	1½"	1½"
5	24CGHM 2/0.75-5	356	565	300	1000	284	489	280	1½"	1½"
6	24CGHM 2/1.00-6	356	565	300	1000	309	489	280	1½"	1½"
7	24CGHM 4/0.75-3	356	565	300	1000	284	489	280	2"	2"
8	24CGHM 4/1.00-4	356	565	300	1000	310	489	280	2"	2"
9	24CGHM 4/1.50-6	356	565	300	1000	310	489	280	2"	2"
10	24CGHM 8/1.00-2	381	646	300	1070	325	570	305	2"	2"
11	24CGHM 8/1.50-3	381	646	300	1070	325	570	305	2"	2"
12	24CGHM 8/2.00-4	381	646	300	1070	332	570	305	2"	2"
13	24CGHM 8/3.00-5	381	646	300	1070	336	570	305	2"	2"
14	24CGHM 8/3.00-5	381	646	300	1070	336	570	305	2"	2"
15	24CGVM 2/0.50-3	356	565	300	670	559	489	280	1½"	1½"
16	24CGVM 2/0.75-5	356	565	300	670	595	489	280	1½"	1½"
17	24CGVM 2/1.00-7	356	565	300	670	652	489	280	1½"	1½"
18	24CGVM 2/1.50 -11	356	565	300	670	724	489	280	2"	2"
19	24CGVM 2/2.00-15	356	565	300	670	847	489	280	2"	2"
20	24CGVM 2/3.00-22	356	565	300	670	994	489	280	2"	2"
21	24CGVM 2/4.00-26	356	565	300	670	1092	489	280	2"	2"
22	24CGVM 4/0.50-2	356	565	300	670	559	489	280	2"	2"
23	24CGVM 4/0.75-3	356	565	300	670	586	489	280	2"	2"
24	24CGVM 4/1.00-4	356	565	300	670	633	489	280	2"	2"
25	24CGVM 4/1.50-6	356	565	300	670	687	489	280	2"	2"
26	24CGVM 4/2.00-8	356	565	300	670	792	489	280	2"	2"
27	24CGVM 4/3.00-12	356	565	300	670	921	489	280	2"	2"
28	24CGVM 4/4.00-16	356	565	300	670	1055	489	280	2"	2"
29	24CGVM 4/5.00-22	356	565	300	670	1217	489	280	2"	2"
30	24CGVM 8/1.00-2	381	646	360	900	683	570	305	3"	3"
31	24CGVM 8/1.50-3	381	646	360	900	713	570	305	3"	3"
32	24CGVM 8/2.00-4	381	646	360	900	782	570	305	3"	3"
33	24CGVM 8/3.00-6	381	646	360	900	863	570	305	3"	3"
34	24CGVM 8/4.00-8	381	646	360	900	951	570	305	3"	3"
35	24CGVM 8/5.00-12	381	646	360	900	1071	570	305	3"	3"
36	24CGVM 8/7.50-16	381	646	360	900	1316	570	305	3"	3"
37	24CGVM 16/3.00-2	381	646	360	900	773	570	305	3"	3"
38	24CGVM 16/4.00-3	381	646	360	900	846	570	305	3"	3"
39	24CGVM 16/5.00-4	381	646	360	900	891	570	305	3"	3"
40	24CGVM 16/7.50-6	381	646	360	900	1106	570	305	3"	3"

CG 33 SERIES

CG 33 SERIES



Operating Data

Maximum HP	7.5 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	13.3 A
Operating Pressure	15 bar

Control System Type 3 (VFD model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

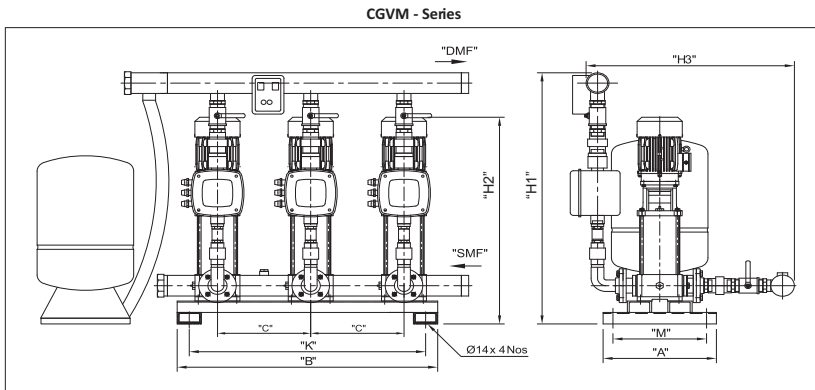
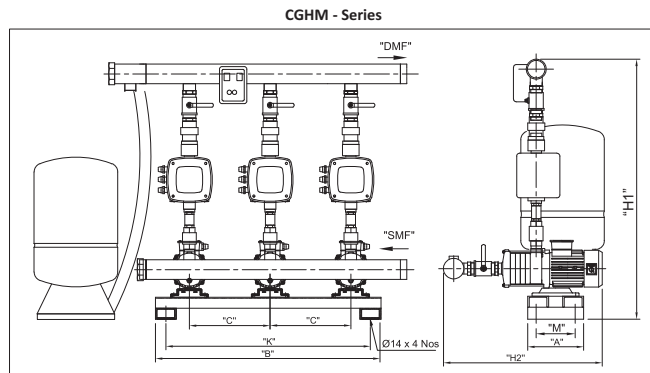
Application

- Houses
- Apartments
- Hotels

ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max Pressure obtainable (bar)	Pressure setting up to (bar)
1	33MSMB 5D 1.00	220	3 x 1.00	34 / 66	5.0	3.3
2	33CGHM 2/1.00-6	220	3 x 1.00	35 / 66	5.1	3.4
3	33CGHM 4/1.00-4	220	3 x 1.00	26 / 132	3.5	2.3
4	33CGHM 4/1.50-6	220	3 x 1.50	39 / 132	5.3	3.5
5	33CGHM 8/1.00-2	220	3 x 1.00	12 / 266	1.7	1.1
6	33CGHM 8/1.50-3	220	3 x 1.50	23 / 266	2.8	1.8
7	33CGHM 8/2.00-4	220	3 x 2.00	29 / 266	3.7	2.5
8	33CGHM 8/3.00-5	220	3 x 3.00	42 / 266	5.0	3.3
9	33CGVM 2/1.00-7	220	3 x 1.00	49 / 66	5.4	3.6
10	33CGVM 2/1.50 -11	220	3 x 1.50	77 / 66	8.7	5.8
11	33CGVM 2/2.00-15	220	3 x 2.00	105 / 66	12.3	8.1
12	33CGVM 2/3.00-22	220	3 x 3.00	162 / 66	18.8	12.4
13	33CGVM 2/4.00-26	415	3 x 4.00	199 / 66	22.7	15.0
14	33CGVM 4/1.00-4	220	3 x 1.00	28 / 132	3.3	2.1
15	33CGVM 4/1.50-6	220	3 x 1.50	42 / 132	5.1	3.4
16	33CGVM 4/2.00-8	220	3 x 2.00	56 / 132	6.9	4.5
17	33CGVM 4/3.00-12	220	3 x 3.00	85 / 132	10.3	6.8
18	33CGVM 4/4.00-16	415	3 x 4.00	124 / 132	14.6	9.6
19	33CGVM 4/5.00-22	415	3 x 5.00	154 / 132	18.5	12.2
20	33CGVM 8/1.00-2	220	3 x 1.00	17 / 266	2.0	1.3
21	33CGVM 8/1.50-3	220	3 x 1.50	26 / 266	3.2	2.1
22	33CGVM 8/2.00-4	220	3 x 2.00	34 / 266	3.8	2.5
23	33CGVM 8/3.00-6	220	3 x 3.00	51 / 266	5.3	3.5
24	33CGVM 8/4.00-8	415	3 x 4.00	66 / 266	8.0	5.3
25	33CGVM 8/5.00-12	415	3 x 5.00	102 / 266	11.9	7.8
26	33CGVM 8/7.50-16	415	3 x 7.50	132 / 266	15.4	10.2
27	33CGVM 16/3.00-2	220	3 x 3.00	15 / 532	2.2	1.5
28	33CGVM 16/4.00-3	415	3 x 4.00	25 / 532	3.2	2.1
29	33CGVM 16/5.00-4	415	3 x 5.00	38 / 532	4.7	8.1
30	33CGVM 16/7.50-6	415	3 x 7.50	66 / 532	7.9	5.2

CG 33 SERIES



DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	33MSMB 5D 1.00	330	470	300	1280	271	-	410	270	1½"	1½"
2	33CGHM 2/1.00-6	330	470	300	1280	309	-	410	270	1½"	1½"
3	33CGHM 4/1.00-4	330	470	300	1280	310	-	410	270	1½"	1½"
4	33CGHM 4/1.50-6	330	470	300	1280	310	-	410	270	2"	2"
5	33CGHM 8/1.00-2	330	470	360	1350	325	-	410	270	3"	3"
6	33CGHM 8/1.50-3	330	470	360	1350	325	-	410	270	3"	3"
7	33CGHM 8/2.00-4	330	470	360	1350	332	-	410	270	3"	3"
8	33CGHM 8/3.00-5	330	470	360	1350	336	-	410	270	3"	3"
9	33CGVM 2/1.00-7	356	847	300	950	652	600	771	279.8	1½"	1½"
10	33CGVM 2/1.50-11	356	847	300	950	724	600	771	279.8	2"	2"
11	33CGVM 2/2.00-15	356	847	300	950	847	600	771	279.8	2"	2"
12	33CGVM 2/3.00-22	356	847	300	950	994	600	771	279.8	2"	2"
13	33CGVM 2/4.00-26	356	847	300	950	1092	600	771	279.8	2"	2"
14	33CGVM 4/1.00-4	356	847	300	950	633	600	771	279.8	2"	2"
15	33CGVM 4/1.50-6	356	847	300	950	687	600	771	279.8	2"	2"
16	33CGVM 4/2.00-8	356	847	300	950	792	600	771	279.8	2"	2"
17	33CGVM 4/3.00-12	356	847	300	950	921	600	771	279.8	2"	2"
18	33CGVM 4/4.00-16	356	847	300	950	1055	600	771	279.8	2"	2"
19	33CGVM 4/5.00-22	356	847	300	950	1217	600	771	279.8	2"	2"
20	33CGVM 8/1.00-2	381	1006	360	1200	683	750	930	304.8	3"	3"
21	33CGVM 8/1.50-3	381	1006	360	1200	713	750	930	304.8	3"	3"
22	33CGVM 8/2.00-4	381	1006	360	1200	782	750	930	304.8	3"	3"
23	33CGVM 8/3.00-6	381	1006	360	1200	863	750	930	304.8	3"	3"
24	33CGVM 8/4.00-8	381	1006	360	1200	951	750	930	304.8	3"	3"
25	33CGVM 8/5.00-12	381	1006	360	1200	1071	750	930	304.8	3"	3"
26	33CGVM 8/7.50-16	381	1006	360	1200	1316	750	930	304.8	3"	3"
27	33CGVM 16/3.00-2	381	1006	360	1200	773	750	930	304.8	3"	3"
28	33CGVM 16/4.00-3	381	1006	360	1200	846	750	930	304.8	3"	3"
29	33CGVM 16/5.00-4	381	1006	360	1200	891	750	930	304.8	3"	3"
30	33CGVM 16/7.50-6	381	1006	360	1200	1106	750	930	304.8	3"	3"

CG 43 SERIES

CG 43 SERIES



Operating Data

Maximum HP	7.5 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	13.3 A
Operating Pressure	15 bar

Control System Type 3 (VFD model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

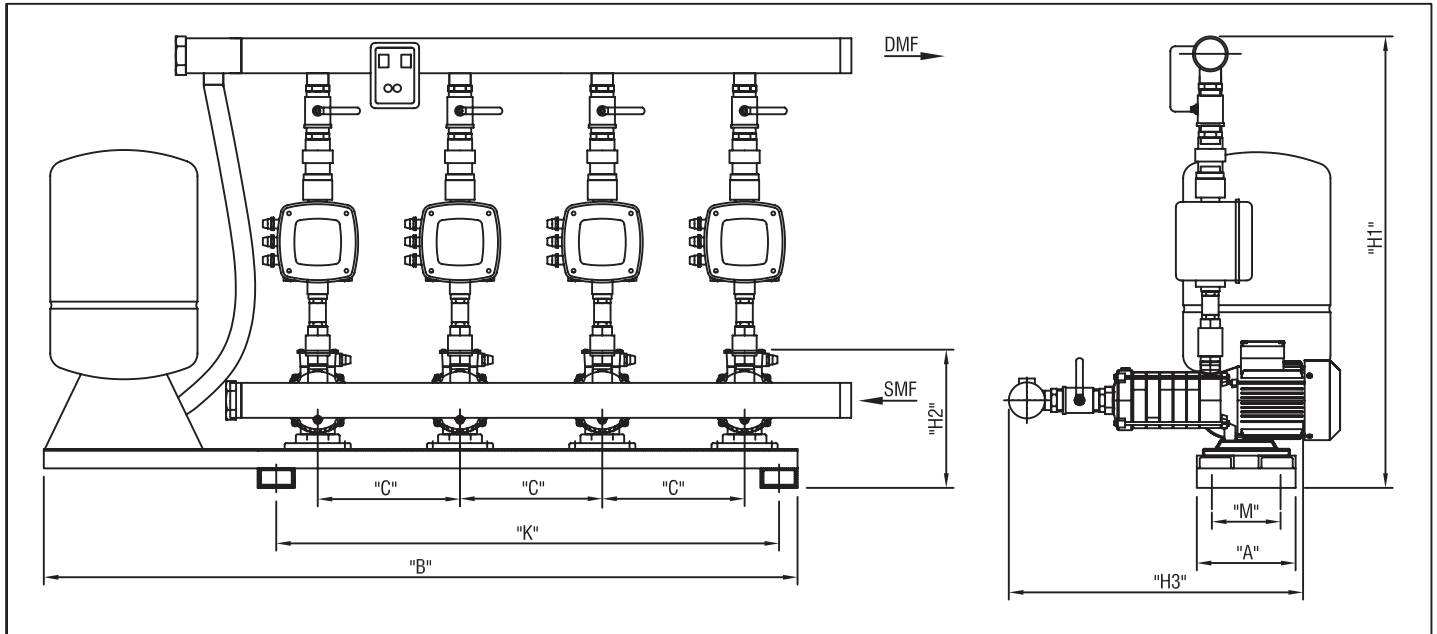
- Houses
- Apartments
- Hotels

ELECTRICAL & HYDRAULIC DATA

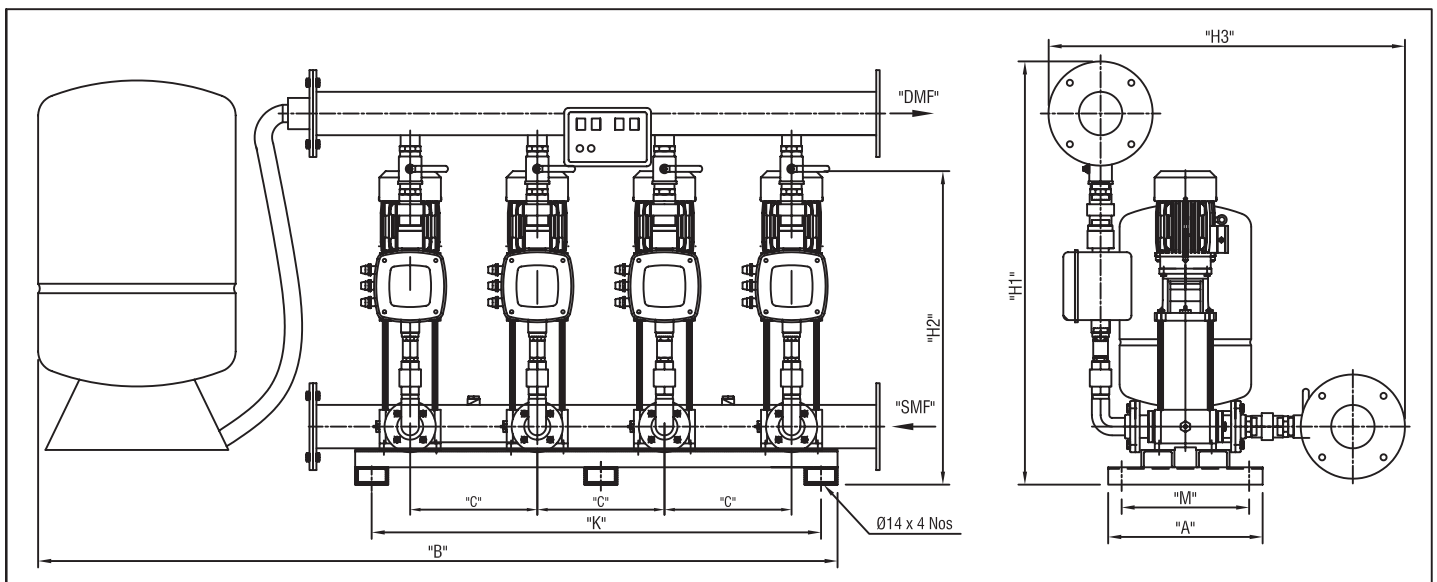
S.No.	Model	Input Voltage for System (50 Hz)	HP	Current (A)	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
1	43MSMB 5D 1.00	220	4 x 1.00	4 x 3.50	34 / 99	5.0	3.3
2	43CGHM 2/1.00-6	220	4 x 1.00	4 x 3.50	40 / 99	5.5	3.6
3	43CGHM 4/1.00-4	220	4 x 1.00	4 x 3.50	29 / 198	3.7	2.5
4	43CGHM 4/1.50-6	220	4 x 1.50	4 x 5.50	44 / 198	5.6	3.7
5	43CGHM 8/1.00-2	220	4 x 1.00	4 x 3.50	16 / 399	2.1	1.4
6	43CGHM 8/1.50-3	220	4 x 1.50	4 x 5.50	24 / 399	3.1	2.0
7	43CGHM 8/2.00-4	220	4 x 2.00	4 x 7.00	32 / 399	4.1	2.7
8	43CGHM 8/3.00-5	220	4 x 3.00	4 x 10.2	39 / 399	5.1	3.4
9	43CGVM 2/1.00-7	220	4 x 1.00	4 x 3.50	52 / 99	6.3	4.2
10	43CGVM 2/1.50 -11	220	4 x 1.50	4 x 5.50	82 / 99	10.0	6.7
11	43CGVM 2/2.00-15	220	4 x 2.00	4 x 7.00	111 / 99	13.0	8.6
12	43CGVM 2/3.00-22	220	4 x 3.00	4 x 10.2	161 / 99	19	12.6
13	43CGVM 2/4.00-26	415	4 x 4.00	4 x 8.10	190 / 99	23	15.0
14	43CGVM 4/1.00-4	220	4 x 1.00	4 x 3.50	31 / 198	3.8	2.5
15	43CGVM 4/1.50-6	220	4 x 1.50	4 x 5.50	46 / 198	5.6	3.7
16	43CGVM 4/2.00-8	220	4 x 2.00	4 x 7.00	61 / 198	7.4	4.9
17	43CGVM 4/3.00-12	220	4 x 3.00	4 x 10.2	90 / 198	10.5	7.0
18	43CGVM 4/4.00-16	415	4 x 4.00	4 x 8.10	120 / 198	14	9.3
19	43CGVM 4/5.00-22	415	4 x 5.00	4 x 9.80	164 / 198	19	12.6
20	43CGVM 8/1.00-2	220	4 x 1.00	4 x 3.50	17 / 399	2.2	1.5
21	43CGVM 8/1.50-3	220	4 x 1.50	4 x 5.50	26 / 399	3.3	2.2
22	43CGVM 8/2.00-4	220	4 x 2.00	4 x 7.00	35 / 399	4.3	2.9
23	43CGVM 8/3.00-6	220	4 x 3.00	4 x 10.2	52 / 399	6.2	4.1
24	43CGVM 8/4.00-8	415	4 x 4.00	4 x 8.10	69 / 399	8.0	5.3
25	43CGVM 8/5.00-12	415	4 x 5.00	4 x 9.80	102 / 399	11.5	7.7
26	43CGVM 8/7.50-16	415	4 x 7.50	4 x 14.5	136 / 399	15.5	10.3
27	43CGVM 16/3.00-2	220	4 x 3.00	4 x 10.2	23 / 798	3.0	2.0
28	43CGVM 16/4.00-3	415	4 x 4.00	4 x 8.10	34 / 798	4.4	2.9
29	43CGVM 16/5.00-4	415	4 x 5.00	4 x 9.80	45 / 798	5.7	3.8
30	43CGVM 16/7.50-6	415	4 x 7.50	4 x 14.5	68 / 798	8.4	5.6

CG 43 SERIES

CGHM - Series



CGVM - Series



CG 43 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	43MSMB 5D 1.00	330	770	300	1280	271	800	710	270	1½"	1½"
2	43CGHM 2/1.0-6	330	770	300	1280	309	800	710	270	1½"	1½"
3	43CGHM 4/1.00-4	330	770	300	1280	310	800	710	270	1½"	1½"
4	43CGHM 4/1.50-6	330	770	300	1280	310	800	710	270	2"	2"
5	43CGHM 8/1.0-2	330	830	360	1350	325	850	770	270	3"	3"
6	43CGHM 8/1.5-3	330	830	360	1350	325	850	770	270	3"	3"
7	43CGHM 8/2.0-4	330	830	360	1350	332	850	770	270	3"	3"
8	43CGHM 8/3.00-5	330	830	360	1350	336	850	770	270	3"	3"
9	43CGVM 2/1.0-7	356	1147	300	950	652	600	1071	223.8	1½"	1½"
10	43CGVM 2/1.5 -11	356	1147	300	950	724	600	1071	223.8	2"	2"
11	43CGVM 2/2.0-15	356	1147	300	950	847	600	1071	223.8	2"	2"
12	43CGVM 2/3.0-22	356	1147	300	950	994	600	1071	223.8	2"	2"
13	43CGVM 2/4.0-26	356	1147	300	950	1092	600	1071	223.8	2"	2"
14	43CGVM 4/1.0-4	356	1147	300	950	633	600	1071	223.8	2"	2"
15	43CGVM 4/1.50-6	356	1147	300	950	687	600	1071	223.8	2"	2"
16	43CGVM 4/2.0-8	356	1147	300	950	792	600	1071	223.8	2"	2"
17	43CGVM 4/3.0-12	356	1147	300	950	921	600	1071	223.8	2"	2"
18	43CGVM 4/4.0-16	356	1147	300	950	1055	600	1071	223.8	2"	2"
19	43CGVM 4/5.0-22	356	1147	300	950	1217	600	1071	223.8	2"	2"
20	43CGVM 8/1.0-2	381	1366	360	1225	708	775	1290	283.8	3"	3"
21	43CGVM 8/1.5-3	381	1366	360	1225	738	775	1290	283.8	3"	3"
22	43CGVM 8/2.0-4	381	1366	360	1225	807	775	1290	283.8	3"	3"
23	43CGVM 8/3.0-6	381	1366	360	1225	888	775	1290	283.8	3"	3"
24	43CGVM 8/4.0-8	381	1366	360	1225	976	775	1290	283.8	3"	3"
25	43CGVM 8/5.0-12	381	1366	360	1225	1096	775	1290	283.8	3"	3"
26	43CGVM 8/7.5-16	381	1366	360	1225	1341	775	1290	283.8	3"	3"
27	43CGVM 16/3.0-2	381	1366	360	1225	798	775	1290	283.8	3"	3"
28	43CGVM 16/4.0-3	381	1366	360	1225	871	775	1290	283.8	3"	3"
29	43CGVM 16/5.0-4	381	1366	360	1225	916	775	1290	283.8	3"	3"
30	43CGVM 16/7.5-6	381	1366	360	1225	1131	775	1290	283.8	3"	3"

CG 25 SERIES

CG 25 SERIES

Operating Data

Maximum HP	40 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	
Operating Pressure	15 bar

Control System Type 5 Single (VFD Model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

- Houses
- Apartments
- Hotels

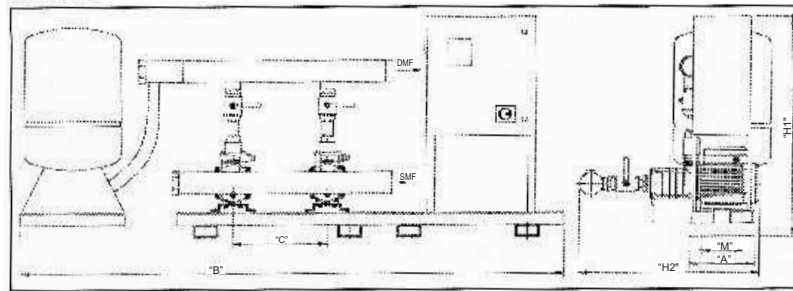
ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
1	25MSMB 3D 0.50	220	2 x 0.50	20 / 33	3	2
2	25MSMB 4D 0.75	220	2 x 0.75	27 / 33	4	2.6
3	25MSMB 5D 1.00	220	2 x 1.00	34 / 33	5	3.3
4	25CGHM 2/0.50-3	220	2 x 0.50	18 / 33	2.6	1.7
5	25CGHM 2/0.75-5	220	2 x 0.75	29 / 33	4.2	2.8
6	25CGHM 2/1.00-6	220	2 x 1.00	35 / 33	5.1	3.4
7	25CGHM 4/0.50-2	220	2 x 0.50	9 / 66	1.5	1
8	25CGHM 4/0.75-3	220	2 x 0.75	16 / 66	2.3	1.5
9	25CGHM 4/1.00-4	220	2 x 1.00	26 / 66	3.5	2.3
10	25CGHM 4/1.50-6	220	2 x 1.50	39 / 66	5.3	3.5
11	25CGHM 8/1.00-2	220	2 x 1.00	12 / 133	1.7	1.1
12	25CGHM 8/1.50-3	220	2 x 1.50	23 / 133	2.8	1.8
13	25CGHM 8/2.00-4	220	2 x 2.00	29 / 133	3.7	2.5
14	25CGHM 8/3.00-5	415	2 x 3.00	42 / 133	5	3.3
15	25CGVM 2/0.50-3	415	2 x 0.50	21 / 33	2.3	1.5
16	25CGVM 2/0.75-5	415	2 x 0.75	35 / 33	3.9	2.6
17	25CGVM 2/1.00-7	415	2 x 1.00	49 / 33	5.4	3.6
18	25CGVM 2/1.50-11	415	2 x 1.50	77 / 33	8.7	5.8
19	25CGVM 2/2.00-15	415	2 x 2.00	105 / 33	12.3	8.1
20	25CGVM 2/3.00-22	415	2 x 3.00	162 / 33	11.8	12.4
21	25CGVM 2/4.00-26	415	2 x 4.00	199 / 33	22.7	15
22	25CGVM 4/0.50-2	415	2 x 0.50	14 / 66	1.7	1.1
23	25CGVM 4/0.75-3	415	2 x 0.75	21 / 66	2.6	1.7
24	25CGVM 4/1.00-4	415	2 x 1.00	28 / 66	3.3	2.1
25	25CGVM 4/1.50-6	415	2 x 1.50	42 / 66	5.1	3.4
26	25CGVM 4/2.00-8	415	2 x 2.00	56 / 66	6.9	4.5
27	25CGVM 4/3.00-12	415	2 x 3.00	85 / 66	10.3	6.8
28	25CGVM 4/4.00-16	415	2 x 4.00	124 / 66	14.6	9.6
29	25CGVM 4/5.00-22	415	2 x 5.00	154 / 66	18.5	12.2
30	25CGVM 8/1.00-2	415	2 x 1.00	17 / 133	2	1.3

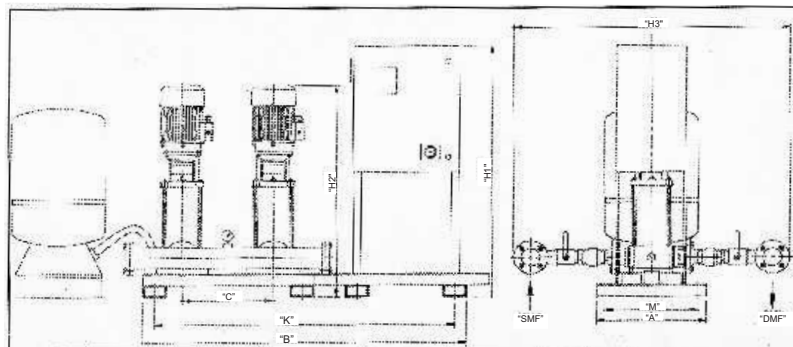
CG 25 SERIES

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
31	25CGVM 8/1.50-3	415	2 x 1.50	16 / 133	3.2	2.1
32	25CGVM 8/2.00-4	415	2 x 2.00	34 / 133	3.8	2.5
33	25CGVM 8/3.00-6	415	2 x 3.00	51 / 133	5.3	3.5
34	25CGVM 8/4.00-8	415	2 x 4.00	66 / 133	8	5.3
35	25CGVM 8/5.00-12	415	2 x 5.00	102 / 133	11.9	7.8
36	25CGVM 8/7.50-16	415	2 x 7.50	136 / 133	15.4	10.2
37	25CGVM 8/10.0-20	415	2 x 10.0	170 / 133	19.3	12.8
38	25CGVM 16/3.00-2	415	2 x 3.00	15 / 266	2.2	1.5
39	25CGVM 16/4.00-3	415	2 x 4.00	25 / 266	3.2	2.1
40	25CGVM 16/5.00-4	415	2 x 5.00	38 / 266	4.7	3.1
41	25CGVM 16/7.50-6	415	2 x 7.50	66 / 266	7.9	3.7
42	25CGVM 16/10.0-8	415	2 x 10.0	84 / 266	10.2	6.7
43	25CGVM 16/15.0-12	415	2 x 10.0	126 / 266	15.2	10
44	25CGVM 16/20.0-16	415	2 x 10.0	168 / 266	20.4	13
45	25CGVM 32/5.00-2	415	2 x 5.00	22 / 533	3	2
46	25CGVM 32/7.50-3	415	2 x 7.50	34 / 533	4.8	3.2
47	25CGVM 32/10.0-4	415	2 x 10.0	48 / 533	4.6	4.3
48	25CGVM 32/15.0-6	415	2 x 15.0	76 / 533	10.2	6.8
49	25CGVM 32/20.0-8	415	2 x 20.0	104 / 533	3.8	9.1
50	25CGVM 32/25.0-10	415	2 x 25.0	132 / 533	17.4	11.5
51	25CGVM 32/30.0-11	415	2 x 30.0	146 / 533	19.2	12.7
52	25CGVM 32/30.0-12	415	2 x 30.0	160 / 533	21	13.9
53	25CGVM 32/40.0-13	415	2 x 40.0	174 / 533	22.8	15
54	25CGVM 32/40.0-14	415	2 x 40.0	188 / 533	25	16.5
55	25CGVM 32/40.0-15	415	2 x 40.0	201 / 533	26.4	17.4

25CGHM - Series



25CGVM - Series



CG 25 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	25MSMB 3D 0.50	356	1165	300	800	271	-	1089	280	1½"	1½"
2	25MSMB 4D 0.75	356	1165	300	800	271	-	1089	280	1½"	1½"
3	25MSMB 5D 1.00	356	1165	300	800	271	-	1089	280	1½"	1½"
4	25CGHM 2/0.50-3	356	1165	300	800	284	-	1089	280	1½"	1½"
5	25CGHM 2/0.75-5	356	1165	300	800	284	-	1089	280	1½"	1½"
6	25CGHM 2/1.00-6	356	1165	300	800	309	-	1089	280	1½"	1½"
7	25CGHM 4/0.50-2	356	1165	300	800	284	-	1089	280	1½"	1½"
8	25CGHM 4/0.75-3	356	1165	300	800	284	-	1089	280	2"	2"
9	25CGHM 4/1.00-4	356	1165	300	800	310	-	1089	280	2"	2"
10	25CGHM 4/1.50-6	356	1165	300	800	310	-	1089	280	2"	2"
11	25CGHM 8/1.00-2	381	1246	360	800	325	-	1170	305	3"	3"
12	25CGHM 8/1.50-3	381	1246	360	800	325	-	1170	305	3"	3"
13	25CGHM 8/2.00-4	381	1246	360	800	332	-	1170	305	3"	3"
14	25CGHM 8/3.00-5	381	1246	360	800	336	-	1170	305	3"	3"
15	25CGVM 2/0.50-3	356	1165	300	800	595	800	1089	280	1½"	1½"
16	25CGVM 2/0.75-5	356	1165	300	800	595	800	1089	280	1½"	1½"
17	25CGVM 2/1.00-7	356	1165	300	800	652	800	1089	280	1½"	1½"
18	25CGVM 2/1.50-11	356	1165	300	800	724	800	1089	280	2"	2"
19	25CGVM 2/2.00-15	356	1165	300	800	847	800	1089	280	2"	2"
20	25CGVM 2/3.00-22	356	1165	300	800	994	800	1089	280	2"	2"
21	25CGVM 2/4.00-26	356	1165	300	800	1092	800	1089	280	2"	2"
22	25CGVM 4/0.50-2	356	1165	300	800	586	800	1089	280	2"	2"
23	25CGVM 4/0.75-3	356	1165	300	800	586	800	1089	280	2"	2"
24	25CGVM 4/1.00-4	356	1165	300	800	633	800	1089	280	2"	2"
25	25CGVM 4/1.50-6	356	1165	300	800	687	800	1089	280	2"	2"
26	25CGVM 4/2.00-8	356	1165	300	800	792	800	1089	280	2"	2"
27	25CGVM 4/3.00-12	356	1165	300	800	921	800	1089	280	2"	2"
28	25CGVM 4/4.00-16	356	1165	300	800	1055	800	1089	280	2"	2"
29	25CGVM 4/5.00-22	356	1165	300	800	1217	800	1089	280	2"	2"
30	25CGVM 8/1.00-2	381	1246	360	800	683	1000	1170	305	3"	3"
31	25CGVM 8/1.50-3	381	1246	360	800	713	1000	1170	305	3"	3"
32	25CGVM 8/2.00-4	381	1246	360	800	782	1000	1170	305	3"	3"
33	25CGVM 8/3.00-6	381	1246	360	800	863	1000	1170	305	3"	3"
34	25CGVM 8/4.00-8	381	1246	360	800	951	1000	1170	305	3"	3"
35	25CGVM 8/5.00-12	381	1246	360	800	1071	1000	1170	305	3"	3"
36	25CGVM 8/7.50-16	381	1246	360	1000	1316	1000	1170	305	3"	3"
37	25CGVM 8/10.0-20	381	1246	360	1000	1316	1000	1170	305	3"	3"
38	25CGVM 16/3.00-2	381	1246	360	800	773	1000	1170	305	3"	3"
39	25CGVM 16/4.00-3	381	1246	360	800	846	1000	1170	305	3"	3"
40	25CGVM 16/5.00-4	381	1246	360	800	891	1000	1170	305	3"	3"
41	25CGVM 16/7.50-6	381	1246	360	1000	1106	1000	1170	305	3"	3"
42	25CGVM 16/10.0-8	381	1246	360	1000	1196	1000	1170	305	5"	5"
43	25CGVM 16/15.0-12	381	1246	360	1000	1526	1000	1170	305	5"	5"
44	25CGVM 16/20.0-16	381	1246	360	1000	1706	1000	1170	305	5"	5"
45	25CGVM 32/5.00-2	381	1346	450	800	1073	1000	1170	305	5"	5"
46	25CGVM 32/7.50-3	381	1346	450	1000	1244	1000	1170	305	5"	5"
47	25CGVM 32/10.0-4	381	1346	450	1000	1314	1000	1170	305	5"	5"
48	25CGVM 32/15.0-6	381	1346	450	1000	1602	1000	1170	305	5"	5"
49	25CGVM 32/20.0-8	381	1346	450	1200	1742	1000	1170	305	5"	5"
50	25CGVM 32/25.0-10	381	1346	450	1200	1862	1000	1170	305	5"	5"
51	25CGVM 32/30.0-11	381	1346	450	1200	2029	1000	1170	305	5"	5"
52	25CGVM 32/30.0-12	381	1346	450	1200	1989	1000	1170	305	5"	5"
53	25CGVM 32/40.0-13	381	1346	450	1200	2079	1000	1170	305	5"	5"
54	25CGVM 32/40.0-14	381	1346	450	1200	2116	1000	1170	305	5"	5"
55	25CGVM 32/40.0-15	381	1346	450	1200	2206	1000	1170	305	5"	5"

CG 35 SERIES

CG 35 SERIES



Operating Data

Maximum HP	40 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	
Operating Pressure	15 bar

Control System Type 5 Single (VFD Model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

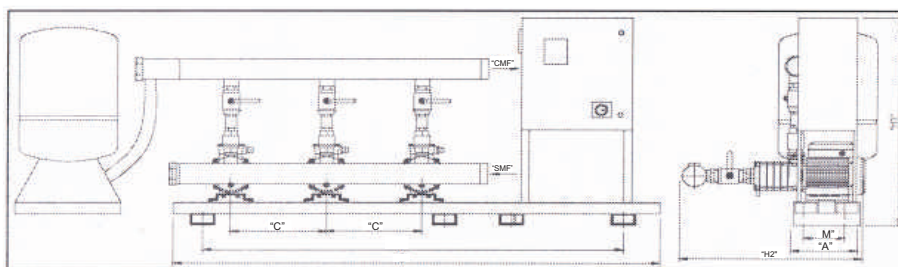
- Houses
- Apartments
- Hotels

ELECTRICAL & HYDRAULIC DATA

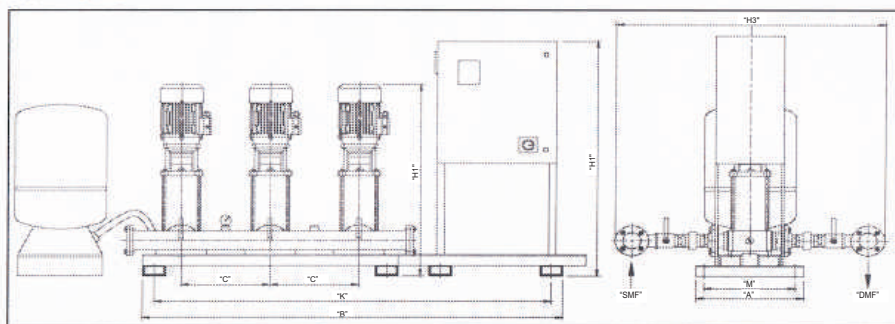
S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
1	35MSMB 3D 0.50	220	3 x 0.50	20 / 66	3	2
2	35MSMB 4D 0.75	220	3 x 0.75	27 / 66	4	2.6
3	35MSMB 5D 1.00	220	3 x 1.00	34 / 66	5	3.3
4	35CGHM 2/0.50-3	220	3 x 0.50	18 / 66	2.6	1.7
5	35CGHM 2/0.75-5	220	3 x 0.75	29 / 66	4.2	2.8
6	35CGHM 2/1.00-6	220	3 x 1.00	35 / 66	5.1	3.4
7	35CGHM 4/0.50-2	220	3 x 0.50	9 / 133	1.5	1
8	35CGHM 4/0.75-3	220	3 x 0.75	16 / 133	2.3	1.5
9	35CGHM 4/1.00-4	220	3 x 1.00	26 / 133	3.5	2.3
10	35CGHM 4/1.50-6	220	3 x 1.50	39 / 133	5.3	3.5
11	35CGHM 8/1.00-2	220	3 x 1.00	12 / 266	1.7	1.1
12	35CGHM 8/1.50-3	220	3 x 1.50	23 / 266	2.8	1.8
13	35CGHM 8/2.00-4	220	3 x 2.00	29 / 266	3.7	2.5
14	35CGHM 8/3.00-5	415	3 x 3.00	42 / 266	5	3.3
15	35CGVM 2/0.50-3	415	3 x 0.50	21 / 66	2.3	1.5
16	35CGVM 2/0.75-5	415	3 x 0.75	35 / 66	3.9	2.6
17	35CGVM 2/1.00-7	415	3 x 1.00	49 / 66	5.4	3.6
18	35CGVM 2/1.50-11	415	3 x 1.50	77 / 66	8.7	5.8
19	35CGVM 2/2.00-15	415	3 x 2.00	105 / 66	12.3	8.1
20	35CGVM 2/3.00-22	415	3 x 3.00	162 / 66	11.8	12.4
21	35CGVM 2/4.00-26	415	3 x 4.00	199 / 66	22.7	15
22	35CGVM 4/0.50-2	415	3 x 0.50	14 / 133	1.7	1.1
23	35CGVM 4/0.75-3	415	3 x 0.75	21 / 133	2.6	1.7
24	35CGVM 4/1.00-4	415	3 x 1.00	28 / 133	3.3	2.1
25	35CGVM 4/1.50-6	415	3 x 1.50	42 / 133	5.1	3.4
26	35CGVM 4/2.00-8	415	3 x 2.00	56 / 133	6.9	4.5
27	35CGVM 4/3.00-12	415	3 x 3.00	85 / 133	10.3	6.8
28	35CGVM 4/4.00-16	415	3 x 4.00	124 / 133	14.6	9.6
29	35CGVM 4/5.00-22	415	3 x 5.00	154 / 133	18.5	12.2
30	35CGVM 8/1.00-2	415	3 x 1.00	17 / 266	2	1.3

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
31	35CGVM 8/1.50-3	415	3 x 1.50	16 / 266	3.2	2.1
32	35CGVM 8/2.00-4	415	3 x 2.00	34 / 266	3.8	2.5
33	35CGVM 8/3.00-6	415	3 x 3.00	51 / 266	5.3	3.5
34	35CGVM 8/4.00-8	415	3 x 4.00	66 / 266	8	5.3
35	35CGVM 8/5.00-12	415	3 x 5.00	102 / 266	11.9	7.8
36	35CGVM 8/7.50-16	415	3 x 7.50	136 / 266	15.4	10.2
37	35CGVM 8/10.0-20	415	3 x 10.0	170 / 266	19.3	12.8
38	35CGVM 16/3.00-2	415	3 x 3.00	15 / 532	2.2	1.5
39	35CGVM 16/4.00-3	415	3 x 4.00	25 / 532	3.2	2.1
40	35CGVM 16/5.00-4	415	3 x 5.00	38 / 532	4.7	3.1
41	35CGVM 16/7.50-6	415	3 x 7.50	66 / 532	7.9	3.7
42	35CGVM 16/10.0-8	415	3 x 10.0	84 / 532	10.2	6.7
43	35CGVM 16/15.0-12	415	3 x 10.0	126 / 532	15.2	10
44	35CGVM 16/20.0-16	415	3 x 10.0	168 / 532	20.4	13
45	35CGVM 32/5.00-2	415	3 x 5.00	22 / 1066	3	2
46	35CGVM 32/7.50-3	415	3 x 7.50	34 / 1066	4.8	3.2
47	35CGVM 32/10.0-4	415	3 x 10.0	48 / 1066	4.6	4.3
48	35CGVM 32/15.0-6	415	3 x 15.0	76 / 1066	10.2	6.8
49	35CGVM 32/20.0-8	415	3 x 20.0	104 / 1066	3.8	9.1
50	35CGVM 32/25.0-10	415	3 x 25.0	132 / 1066	17.4	11.5
51	35CGVM 32/30.0-11	415	3 x 30.0	146 / 1066	19.2	12.7
52	35CGVM 32/30.0-12	415	3 x 30.0	160 / 1066	21	13.9
53	35CGVM 32/40.0-13	415	3 x 40.0	174 / 1066	22.8	15
54	35CGVM 32/40.0-14	415	3 x 40.0	188 / 1066	25	16.5
55	35CGVM 32/40.0-15	415	3 x 40.0	201 / 1066	26.4	17.4

35CGHM - Series



35CGVM - Series



CG 35 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	35MSMB 3D 0.50	330	1465	300	800	271	-	1389	270	1½"	1½"
2	35MSMB 4D 0.75	330	1465	300	800	271	-	1389	270	1½"	1½"
3	35MSMB 5D 1.00	330	1465	300	800	271	-	1389	270	1½"	1½"
4	35CGHM 2/0.50-3	330	1465	300	800	284	-	1389	270	1½"	1½"
5	35CGHM 2/0.75-5	330	1465	300	800	284	-	1389	270	1½"	1½"
6	35CGHM 2/1.00-6	330	1465	300	800	309	-	1389	270	1½"	1½"
7	35CGHM 4/0.50-2	330	1465	300	800	284	-	1389	270	1½"	1½"
8	35CGHM 4/0.75-3	330	1465	300	800	284	-	1389	270	2"	2"
9	35CGHM 4/1.00-4	330	1465	300	800	310	-	1389	270	2"	2"
10	35CGHM 4/1.50-6	330	1606	300	800	310	-	1530	270	2"	2"
11	35CGHM 8/1.00-2	330	1606	360	800	325	-	1530	270	3"	3"
12	35CGHM 8/1.50-3	330	1606	360	800	325	-	1530	270	3"	3"
13	35CGHM 8/2.00-4	330	1606	360	800	332	-	1530	270	3"	3"
14	35CGHM 8/3.00-5	330	1465	360	800	336	-	1389	270	3"	3"
15	35CGVM 2/0.50-3	356	1465	300	800	595	800	1389	280	1½"	1½"
16	35CGVM 2/0.75-5	356	1465	300	800	595	800	1389	280	1½"	1½"
17	35CGVM 2/1.00-7	356	1465	300	800	652	800	1389	280	1½"	1½"
18	35CGVM 2/1.50-11	356	1465	300	800	724	800	1389	280	2"	2"
19	35CGVM 2/2.00-15	356	1465	300	800	847	800	1389	280	2"	2"
20	35CGVM 2/3.00-22	356	1465	300	800	994	800	1389	280	2"	2"
21	35CGVM 2/4.00-26	356	1465	300	800	1092	800	1389	280	2"	2"
22	35CGVM 4/0.50-2	356	1465	300	800	586	800	1389	280	2"	2"
23	35CGVM 4/0.75-3	356	1465	300	800	586	800	1389	280	2"	2"
24	35CGVM 4/1.00-4	356	1465	300	800	633	800	1389	280	2"	2"
25	35CGVM 4/1.50-6	356	1465	300	800	687	800	1389	280	2"	2"
26	35CGVM 4/2.00-8	356	1465	300	800	792	800	1389	280	2"	2"
27	35CGVM 4/3.00-12	356	1465	300	800	921	800	1389	280	2"	2"
28	35CGVM 4/4.00-16	356	1465	300	800	1055	800	1389	280	2"	2"
29	35CGVM 4/5.00-22	356	1465	300	800	1217	800	1389	280	2"	2"
30	35CGVM 8/1.00-2	381	1606	360	800	683	1000	1530	305	3"	3"
31	35CGVM 8/1.50-3	381	1606	360	800	713	1000	1530	305	3"	3"
32	35CGVM 8/2.00-4	381	1606	360	800	782	1000	1530	305	3"	3"
33	35CGVM 8/3.00-6	381	1606	360	800	863	1000	1530	305	3"	3"
34	35CGVM 8/4.00-8	381	1606	360	800	951	1000	1530	305	3"	3"
35	35CGVM 8/5.00-12	381	1606	360	800	1071	1000	1530	305	3"	3"
36	35CGVM 8/7.50-16	381	1606	360	1000	1316	1000	1530	305	3"	3"
37	35CGVM 8/10.0-20	381	1606	360	1000	1316	1000	1530	305	3"	3"
38	35CGVM 16/3.00-2	381	1606	360	800	773	1000	1530	305	3"	3"
39	35CGVM 16/4.00-3	381	1606	360	800	846	1000	1530	305	3"	3"
40	35CGVM 16/5.00-4	381	1606	360	800	891	1000	1530	305	3"	3"
41	35CGVM 16/7.50-6	381	1606	360	1000	1106	1000	1530	305	3"	3"
42	35CGVM 16/10.0-8	381	1606	360	1000	1196	1000	1530	305	5"	5"
43	35CGVM 16/15.0-12	381	1606	360	1000	1526	1000	1530	305	5"	5"
44	35CGVM 16/20.0-16	381	1606	360	1000	1706	1000	1530	305	5"	5"
45	35CGVM 32/5.00-2	381	1796	450	800	1073	1000	1720	305	5"	5"
46	35CGVM 32/7.50-3	381	1796	450	1000	1244	1000	1720	305	5"	5"
47	35CGVM 32/10.0-4	381	1796	450	1000	1314	1000	1720	305	5"	5"
48	35CGVM 32/15.0-6	381	1796	450	1000	1602	1000	1720	305	5"	5"
49	35CGVM 32/20.0-8	381	1796	450	1200	1742	1000	1720	305	5"	5"
50	35CGVM 32/25.0-10	381	1796	450	1200	1862	1000	1720	305	5"	5"
51	35CGVM 32/30.0-11	381	1796	450	1200	2029	1000	1720	305	5"	5"
52	35CGVM 32/30.0-12	381	1796	450	1200	1989	1000	1720	305	5"	5"
53	35CGVM 32/40.0-13	381	1796	450	1200	2079	1000	1720	305	5"	5"
54	35CGVM 32/40.0-14	381	1796	450	1200	2116	1000	1720	305	5"	5"
55	35CGVM 32/40.0-15	381	1796	450	1200	2206	1000	1720	305	5"	5"

CG 45 SERIES

CG 45 SERIES

Operating Data

Maximum HP	40 HP
Operating Voltage	220 V $\pm$ 10% - Single Phase 415 V $\pm$ 10% - Three Phase
Maximum Current	
Operating Pressure	15 bar

Control System Type 5 Single (VFD Model)

Motor Protection -	CGHM : IP 44 CGVM : IP 54
Insulation Class -	CGHM : 'B' Class CGVM : 'F' Class

Application

- Houses
- Apartments
- Hotels

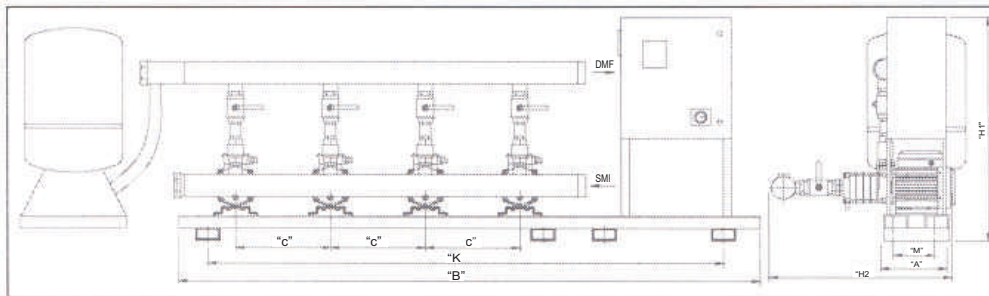
ELECTRICAL & HYDRAULIC DATA

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
1	45MSMB 3D 0.50	220	4 x 0.50	20 / 99	3	2
2	45MSMB 4D 0.75	220	4 x 0.75	27 / 99	4	2.6
3	45MSMB 5D 1.00	220	4 x 1.00	34 / 99	5	3.3
4	45CGHM 2/0.50-3	220	4 x 0.50	18 / 99	2.6	1.7
5	45CGHM 2/0.75-5	220	4 x 0.75	29 / 99	4.2	2.8
6	45CGHM 2/1.00-6	220	4 x 1.00	35 / 99	5.1	3.4
7	45CGHM 4/0.50-2	220	4 x 0.50	9 / 198	1.5	1
8	45CGHM 4/0.75-3	220	4 x 0.75	16 / 198	2.3	1.5
9	45CGHM 4/1.00-4	220	4 x 1.00	26 / 198	3.5	2.3
10	45CGHM 4/1.50-6	220	4 x 1.50	39 / 198	5.3	3.5
11	45CGHM 8/1.00-2	220	4 x 1.00	12 / 399	1.7	1.1
12	45CGHM 8/1.50-3	220	4 x 1.50	23 / 399	2.8	1.8
13	45CGHM 8/2.00-4	220	4 x 2.00	29 / 399	3.7	2.5
14	45CGHM 8/3.00-5	415	4 x 3.00	42 / 399	5	3.3
15	45CGVM 2/0.50-3	415	4 x 0.50	21 / 99	2.3	1.5
16	45CGVM 2/0.75-5	415	4 x 0.75	35 / 99	3.9	2.6
17	45CGVM 2/1.00-7	415	4 x 1.00	49 / 99	5.4	3.6
18	45CGVM 2/1.50-11	415	4 x 1.50	77 / 99	8.7	5.8
19	45CGVM 2/2.00-15	415	4 x 2.00	105 / 99	12.3	8.1
20	45CGVM 2/3.00-22	415	4 x 3.00	162 / 99	11.8	12.4
21	45CGVM 2/4.00-26	415	4 x 4.00	199 / 99	22.7	15
22	45CGVM 4/0.50-2	415	4 x 0.50	14 / 198	1.7	1.1
23	45CGVM 4/0.75-3	415	4 x 0.75	21 / 198	2.6	1.7
24	45CGVM 4/1.00-4	415	4 x 1.00	28 / 198	3.3	2.1
25	45CGVM 4/1.50-6	415	4 x 1.50	42 / 198	5.1	3.4
26	45CGVM 4/2.00-8	415	4 x 2.00	56 / 198	6.9	4.5
27	45CGVM 4/3.00-12	415	4 x 3.00	85 / 198	10.3	6.8
28	45CGVM 4/4.00-16	415	4 x 4.00	124 / 198	14.6	9.6
29	45CGVM 4/5.00-22	415	4 x 5.00	154 / 198	18.5	12.2
30	45CGVM 8/1.00-2	415	4 x 1.00	17 / 399	2	1.3

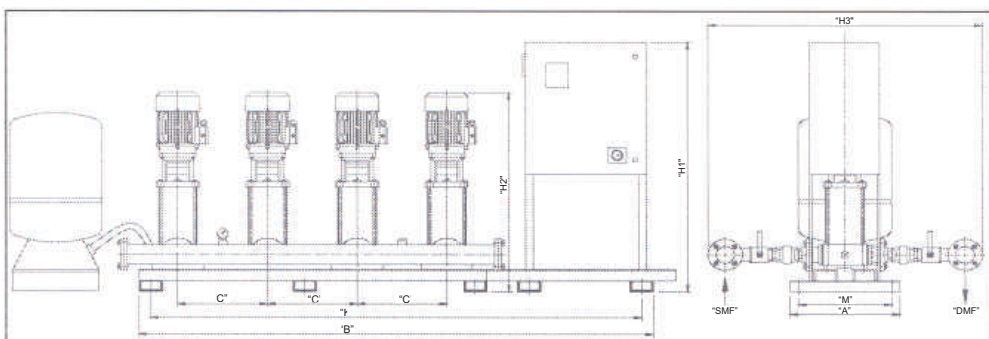
CG 45 SERIES

S.No.	Model	Control System Input Voltage (50 Hz)	HP	H (m) / Dis.(lpm)	Max pressure obtainable (bar)	Pressure setting upto (bar)
31	45CGVM 8/1.50-3	415	4 x 1.50	16 / 399	3.2	2.1
32	45CGVM 8/2.00-4	415	4 x 2.00	34 / 399	3.8	2.5
33	45CGVM 8/3.00-6	415	4 x 3.00	51 / 399	5.3	3.5
34	45CGVM 8/4.00-8	415	4 x 4.00	66 / 399	8	5.3
35	45CGVM 8/5.00-12	415	4 x 5.00	102 / 399	11.9	7.8
36	45CGVM 8/7.50-16	415	4 x 7.50	136 / 399	15.4	10.2
37	45CGVM 8/10.0-20	415	4 x 10.0	170 / 399	19.3	12.8
38	45CGVM 16/3.00-2	415	4 x 3.00	15 / 798	2.2	1.5
39	45CGVM 16/4.00-3	415	4 x 4.00	25 / 798	3.2	2.1
40	45CGVM 16/5.00-4	415	4 x 5.00	38 / 798	4.7	3.1
41	45CGVM 16/7.50-6	415	4 x 7.50	66 / 798	7.9	3.7
42	45CGVM 16/10.0-8	415	4 x 10.0	84 / 798	10.2	6.7
43	45CGVM 16/15.0-12	415	4 x 10.0	126 / 798	15.2	10
44	45CGVM 16/20.0-16	415	4 x 10.0	168 / 798	20.4	13
45	45CGVM 32/5.00-2	415	4 x 5.00	22 / 1599	3	2
46	45CGVM 32/7.50-3	415	4 x 7.50	34 / 1599	4.8	3.2
47	45CGVM 32/10.0-4	415	4 x 10.0	48 / 1599	4.6	4.3
48	45CGVM 32/15.0-6	415	4 x 15.0	76 / 1599	10.2	6.8
49	45CGVM 32/20.0-8	415	4 x 20.0	104 / 1599	3.8	9.1
50	45CGVM 32/25.0-10	415	4 x 25.0	132 / 1599	17.4	11.5
51	45CGVM 32/30.0-11	415	4 x 30.0	146 / 1599	19.2	12.7
52	45CGVM 32/30.0-12	415	4 x 30.0	160 / 1599	21	13.9
53	45CGVM 32/40.0-13	415	4 x 40.0	174 / 1599	22.8	15
54	45CGVM 32/40.0-14	415	4 x 40.0	188 / 1599	25	16.5
55	45CGVM 32/40.0-15	415	4 x 40.0	201 / 1599	26.4	17.4

45CGHM - Series



45CGVM - Series



CG 45 SERIES

DIMENSION DETAILS

S.No.	Model	A	B	C	H1	H2	H3	K	M	SMF	DMF
1	45MSMB 3D 0.50	330	300	300	800	271	-	224	270	1½"	1½"
2	45MSMB 4D 0.75	330	300	300	800	271	-	224	270	1½"	1½"
3	45MSMB 5D 1.00	330	300	300	800	271	-	224	270	1½"	1½"
4	45CGHM 2/0.50-3	330	300	300	800	284	-	224	270	1½"	1½"
5	45CGHM 2/0.75-5	330	300	300	800	284	-	224	270	1½"	1½"
6	45CGHM 2/1.00-6	330	300	300	800	309	-	224	270	1½"	1½"
7	45CGHM 4/0.50-2	330	300	300	800	284	-	224	270	1½"	1½"
8	45CGHM 4/0.75-3	330	300	300	800	284	-	224	270	2"	2"
9	45CGHM 4/1.00-4	330	300	300	800	310	-	224	270	2"	2"
10	45CGHM 4/1.50-6	330	300	300	800	310	-	224	270	2"	2"
11	45CGHM 8/1.00-2	330	360	360	800	325	-	284	270	3"	3"
12	45CGHM 8/1.50-3	330	360	360	800	325	-	284	270	3"	3"
13	45CGHM 8/2.00-4	330	360	360	800	332	-	284	270	3"	3"
14	45CGHM 8/3.00-5	330	360	360	800	336	-	284	270	3"	3"
15	45CGVM 2/0.50-3	356	300	300	800	595	800	224	224	1½"	1½"
16	45CGVM 2/0.75-5	356	300	300	800	595	800	224	224	1½"	1½"
17	45CGVM 2/1.00-7	356	300	300	800	652	800	224	224	1½"	1½"
18	45CGVM 2/1.50-11	356	300	300	800	724	800	224	224	2"	2"
19	45CGVM 2/2.00-15	356	300	300	800	847	800	224	224	2"	2"
20	45CGVM 2/3.00-22	356	300	300	800	994	800	224	224	2"	2"
21	45CGVM 2/4.00-26	356	300	300	800	1092	800	224	224	2"	2"
22	45CGVM 4/0.50-2	356	300	300	800	586	800	224	224	2"	2"
23	45CGVM 4/0.75-3	356	300	300	800	586	800	224	224	2"	2"
24	45CGVM 4/1.00-4	356	300	300	800	633	800	224	224	2"	2"
25	45CGVM 4/1.50-6	356	300	300	800	687	800	224	224	2"	2"
26	45CGVM 4/2.00-8	356	300	300	800	792	800	224	224	2"	2"
27	45CGVM 4/3.00-12	356	300	300	800	921	800	224	224	2"	2"
28	45CGVM 4/4.00-16	356	300	300	800	1055	800	224	224	2"	2"
29	45CGVM 4/5.00-22	356	300	300	800	1217	800	224	224	2"	2"
30	45CGVM 8/1.00-2	381	360	360	800	683	1000	284	224	3"	3"
31	45CGVM 8/1.50-3	381	360	360	800	713	1000	284	224	3"	3"
32	45CGVM 8/2.00-4	381	360	360	800	782	1000	284	224	3"	3"
33	45CGVM 8/3.00-6	381	360	360	800	863	1000	284	224	3"	3"
34	45CGVM 8/4.00-8	381	360	360	800	951	1000	284	224	3"	3"
35	45CGVM 8/5.00-12	381	360	360	800	1071	1000	284	224	3"	3"
36	45CGVM 8/7.50-16	381	360	360	1000	1316	1000	284	224	3"	3"
37	45CGVM 8/10.0-20	381	360	360	1000	1316	1000	284	224	3"	3"
38	45CGVM 16/3.00-2	381	360	360	800	773	1000	284	224	3"	3"
39	45CGVM 16/4.00-3	381	360	360	800	846	1000	284	224	3"	3"
40	45CGVM 16/5.00-4	381	360	360	800	891	1000	284	224	3"	3"
41	45CGVM 16/7.50-6	381	360	360	1000	1106	1000	284	224	3"	3"
42	45CGVM 16/10.0-8	381	360	360	1000	1196	1000	284	224	5"	5"
43	45CGVM 16/15.0-12	381	360	360	1000	1526	1000	284	224	5"	5"
44	45CGVM 16/20.0-16	381	360	360	1000	1706	1000	284	224	5"	5"
45	45CGVM 32/5.00-2	381	450	450	800	1073	1000	374	305	5"	5"
46	45CGVM 32/7.50-3	381	450	450	1000	1244	1000	374	305	5"	5"
47	45CGVM 32/10.0-4	381	450	450	1000	1314	1000	374	305	5"	5"
48	45CGVM 32/15.0-6	381	450	450	1000	1602	1000	374	305	5"	5"
49	45CGVM 32/20.0-8	381	450	450	1200	1742	1000	374	305	5"	5"
50	45CGVM 32/25.0-10	381	450	450	1200	1862	1000	374	305	5"	5"
51	45CGVM 32/30.0-11	381	450	450	1200	2029	1000	374	305	5"	5"
52	45CGVM 32/30.0-12	381	450	450	1200	1989	1000	374	305	5"	5"
53	45CGVM 32/40.0-13	381	450	450	1200	2079	1000	374	305	5"	5"
54	45CGVM 32/40.0-14	381	450	450	1200	2116	1000	374	305	5"	5"
55	45CGVM 32/40.0-15	381	450	450	1200	2206	1000	374	305	5"	5"

Crompton Greaves Limited

MACHINE 5 DIVISION

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