

## GRUNDFOS CM DOMESTIC WATER PRESSURE BOOSTER PUMP

The most robust pump  
designed ever for  
water pressure boosting



*CM with  
Pressure  
Tank*



## A SMALL BOOSTER PUMP WITH GIGANTIC POTENTIAL

It was once said that great things come in small packages. When you meet the Grundfos CM booster pump for the first time, you'll certainly agree. This horizontal multi-stage pump has been created with compactness and modularity as two of its central features. Add reliability and quiet operation to the mix, and another innovative pump solution from Grundfos is born. The pump is basically composed of a series of interchangeable modules, all of which have been designed to work together seamlessly, regardless of the application.

be  
think  
innovate

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## APPLICATIONS

The CM pump is supplied with pressure tank for constant water pressure. When the pressure drops to the pre-set level, the pump will start-up and when the water consumption drops again, the outlet pressure will rise to a pre-set pressure after which the pump will stop. Available from 24 lts to 100 lts tank range. The CM pump with Pressure Manager is used for constant water pressure. It is ideal when the space is constraint near the overhead tank. It also has dry running protection, in case of no water in the pipeline.

## FEATURES

- Silent operation, compact design and highly reliable
- Wide performance range
- Liquid temperature from 20°C upto 120°C (pump only)
- Built-in thermal protection
- F class installation
- 80 Start / Stop per hour



**CM with  
Pressure Manager**

## CONSTRUCTION

- Electro-coated cast iron parts - free from corrosion
- High efficient motor
- Horizontal multistage centrifugal pump
- Long life components are of corrosion and wear resistance stainless steel

Model	Power			Flow (m <sup>3</sup> /hr) / (lpm)							Suction pipesize (mm)	Delivery pipesize (mm)
	KW	HP		0/0	0.4/6.6	0.8/13.3	1.2/20	1.6/26.6	2/33.3	2.4/40		
CM 1-18	0.3	0.4	Head (m)	20	19	18	16	15	12	10	25	25
CM 1-27	0.3	0.4		29	28	26	24	20	17	13	25	25
CM 1-36	0.5	0.7		38	37	35	30	27	21	16	25	25
CM 1-5	0.5	0.7		47	45	42	38	32	26	20	25	25
CM 1-6	0.5	0.7		56	53	49	44	38	30	22	25	25
				0/0	0.8/13.3	1.6/26.6	2/33.3	2.4/40	3.2/53.3	3.4/66.6		
CM 3-18	0.3	0.4	Head (m)	20	19	18.5	18	17	15	11	25	25
CM 3-27	0.5	0.7		30	28	27	25	24	20	16	25	25
CM 3-37	0.5	0.7		37	35	33	31	29	25	18	25	25
CM 3-46	0.5	0.7		49	46	44	41	40	33	25	25	25
CM 3-55	0.7	0.9		59	55	52	50	47	40	30	25	25
				0/0	1/16.6	2/33.3	3/50	4/66.6	5/83.3	6/100		
CM 5-2	0.5	0.7	Head (m)	20	19	18	17.5	16	15	12	32	25
CM 5-28	0.5	0.7		29	28	28	26	25	21	17	32	25
CM 5-37	0.7	0.9		38	36	35	33	30	26	20	32	25
CM 5-46	0.9	1.2		49	47	46	45	42	37	30	32	25
CM 5-6	1.3	1.7		58	55	55	52	49	45	35	32	25
				0/0	3/50	6/100	8/133.3	10/166.6	12/200	14/233.3		
CM 10-1	0.7	0.9	Head (m)	16	15	14	13	12	10	8	40	40
CM 10-2	1.3	1.7		31	30	29	27	25	20	15	40	40
CM 10-3	1.7	2.3		48	47	45	43	40	34	26	40	40