

PRESSURE BOOSTER SYSTEMS



Always step ahead with expertise



HMS 80/3



HMS 100/4



HMS 150/5



HMS 200/6

HORIZONTAL MULTI STAGE PUMPS - 4 M³ SERIES

Model	Power		Pipe size		M ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
	kW	HP	Suction	Delivery	L/min	0	20	40	60	80	100	120	140	160
HMS 80/3	0.60	0.80	1"	1"	Head/m	30	25	21	17	6				
HMS 100/4	0.75	1.00	1"	1"	Head/m	40	35	30	26	16	6			
HMS 150/5	1.10	1.50	1"	1"	Head/m	50	41	37	33	29	24	18	6	
HMS 200/6	1.50	2.00	1.25"	1"	Head/m	60	52	47	43	37	30	24	14	6
HMS 200/7	1.50	2.00	1.25"	1"	Head/m	70	62	57	53	47	40	34	24	16



HMS 50/2



HMS 80/4



HMS 100/6



HMS 200/10

HORIZONTAL MULTI STAGE PUMPS - 2 M³ SERIES

Model	Power		Pipe size		M ³ /h	0	1.2	2.4	3.6	4.8	6	7.2
	kW	HP	Suction	Delivery	L/min	0	20	40	60	80	100	120
HMS 50/2	0.37	0.50	1"	1"	Head/m	20	15	11	6			
HMS 80/4	0.60	0.80	1"	1"	Head/m	40	35	22	15	5		
HMS 100/6	0.75	1.00	1"	1"	Head/m	55	48	36	25	10	5	
HMS 200/10	1.50	2.00	1.25"	1"	Head/m	90	80	65	45	25	10	5



HMS SS 50/2



HMS SS 80/3



HMS SS 100/4



HMS SS 150/5

Material of Construction

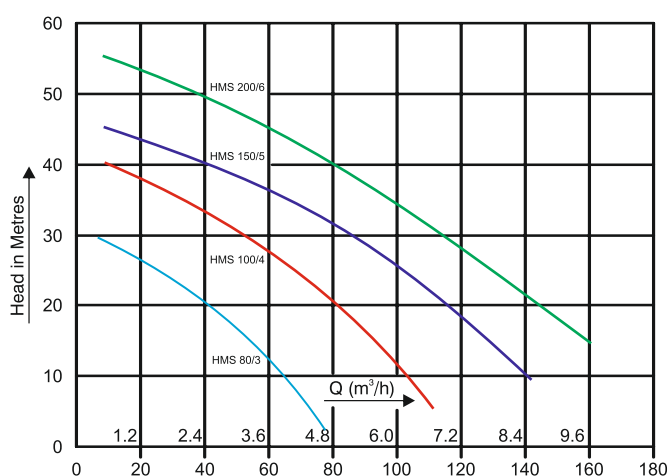
Impeller / Diffuser	- SS 304
Suction / Delivery Chamber	- CI with CED Coating / SS 304
Mechanical Seal	- High Temperature Ceramic / EPDM Seal
Frame	- Aluminium Extruded



HORIZONTAL PRESSURE BOOSTER SYSTEM

Model	Power HP	Stage	Suitable For	Pipe size		M ³ /h L/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
				Suction	Delivery		0	20	40	60	80	100	120	140	160
HPBS 80	0.80	3	2-4 Bath	1"	1"	Head/m	30	25	21	17	6				
HPBS 100	1.00	4	3-5 Bath	1"	1"	Head/m	40	35	30	26	16	6			
HPBS 150	1.50	5	4-7 Bath	1"	1"	Head/m	50	41	37	33	29	24	18	6	
HPBS 200	2.00	6	5-8 Bath	1.25"	1"	Head/m	60	52	47	43	37	30	24	14	6
HPBS 200	2.00	7	6-9 Bath	1.25"	1"	Head/m	70	62	57	53	47	40	34	24	16

Pressure Booster 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 raise to a pre-set stop pressure after which the pump will stop. Also, Pressure tanks from 24 Ltrs. to 100 Ltrs., Float switch and Y Strainer will be given as per the selected models of Pressure Booster Pump.



ACCESSORIES



5 Way

NRV

KP 35 Switch

Pressure Gauge

Y Strainer

Float Switch

Pressure Tank



Horizontal Multistage Pump fitted with Automatic Pressure Controller, is ideal when there is a space constrain. It also has dry run protection in-built, in case of no water in the pipe line.

HORIZONTAL PRESSURE PUMP

Model	Power		Pipe size		M³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
	kW	HP	Suction	Delivery	L/min	0	20	40	60	80	100	120	140	160
HPPC 80/3	0.60	0.80	1"	1"	Head/m	30	25	21	17	6				
HPPC 100/4	0.75	1.00	1"	1"	Head/m	40	35	30	26	16	6			
HPPC 150/5	1.10	1.50	1"	1"	Head/m	50	41	37	33	29	24	18	6	



SMART PRESSURE PUMP / SMART BOOSTERS

S No.	Model	HP	Pipe size IN MM	Q - Discharge in LPM	TOTAL HEAD IN METRES							
					6	12	18	24	30	36	42	48
1	Smart Pressure Pump	0.50	25 x 25		40	30	25	18	05			
2	Smart Booster 50	0.50	25 x 25		45	35	30	24	15	6		
3	Smart Booster 100	1.00	25 x 25		50	41	35	30	24	18	12	6



ACCESSORIES

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