

Construction

Small pressure boosting sets with automatic operation for household water feeding, consisting of pump and electronic automation device called Idromat/KIT.

Operation

Pump is directly driven by the Idromat/KIT device. According to the decrease or increase of pressure, Idromat/KIT determines when the pump will start or stop.

Idromat/KIT Device

Automatic pressure unit.

Asssembled on a pump for automatic water supply and reduce the water hammer. Free of maintenance without preload of air.

Quiet running operation. Non return valve built-in, pressure gauge, pressure switch and electronic control with dry running function integrated and manual reset button.

Inlet and delivery connection parts of the same diameter (G1).

Automatic control of pumps for water supply and increase of network pressure.

Control of starting/stopping of the pump when utilization points are opened/closed.

Idromat/KIT switches the pump on at system pressure lower than 1,5 bar and stops it when the demand is zero.



Idromat/KIT

For pumps with delivery up to 8 m³/h

Maximum working pressure: 7,5 bar

Liquid temperature up to 60°C

Mains voltage: 220V-250V, single-phase

Frequency: 50-60 Hz

Protection: IP54

Current values: 25A max. at start-up; 10A during operation

Pump Models and Capacities

Peripheral Pumps		Q (m ³ /h)						
		0	10	15	20	25	30	35
CTM 60	H (m)	0	38	32	26	20	14	8

Peripheral Pumps		Q (m ³ /h)						
		0	10	15	20	25	30	35
CTM 61	H (m)	0	38	32	26	20	14	8

Self-priming Pumps		Q (m ³ /h)						
		0	1	2	3	4		
NGXM 2	H (m)	0	35	25				
NGXM 3/A		0	38	33				
NGXM 4/A		0	37	32	27	23		

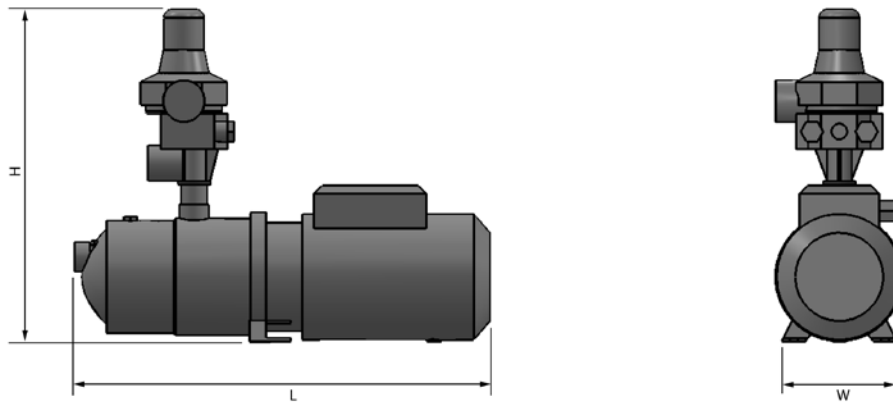
Self-priming Pumps		Q (m ³ /h)						
		0	1	2	3			
ASPRI 15 3 M	H (m)	0	29	25	17			
ASPRI 15 4 M		0	40	33	22			
ASPRI 15 5 M		0	47	40	25			

Self-priming Pumps		Q (m ³ /h)						
		0	1	2	3	4	5	6
ASPRI 25 3 M	H (m)	0	34	32	30	27	22	18
ASPRI 25 4 M		0	43	41	39	35	30	24
ASPRI 25 5 M		0	58	55	52	44	40	32

Pumps with Noryl Impellers		Q (m ³ /h)						
		0	1	2	3	4	5	6
MXPM 204/A	H (m)	0	40	35	28	22	13	
MXPM 404/A		0		40	37	33	28	23

Completely Stainless-Steel Pumps		Q (m ³ /h)							
		0	1	2	3	4	5	6	7
MXHM 204/A	H (m)	0	42	37	31	22			
MXHM 205/A		0	53	47	38	28			
MXHM 404/A		0			38	35	32	26	20
MXHM 405		0			50	45	40	32	26





Model	DNs	DNd	W	L	H
IDROMAT-KIT / CTM 60	1"	1"	122	198	373
IDROMAT-KIT / CTM 61	1"	1"	122	198	373
IDROMAT-KIT / NGXM 2	1"	1"	161	362	397
IDROMAT-KIT / NGXM 3/A	1"	1"	161	391	397
IDROMAT-KIT / NGXM 4/A	1"	1"	161	391	397
IDROMAT-KIT / ASPRI 15 3 M	1"	1"	161	430	397
IDROMAT-KIT / ASPRI 15 4 M	1"	1"	161	430	397
IDROMAT-KIT / ASPRI 15 5 M	1"	1"	161	430	397
IDROMAT-KIT / ASPRI 25 3 M	1"	1"	161	450	397
IDROMAT-KIT / ASPRI 25 4 M	1"	1"	161	450	397
IDROMAT-KIT / ASPRI 25 5 M	1"	1"	161	450	397
IDROMAT-KIT / MXPM 204/A	1"	1"	161	391	397
IDROMAT-KIT / MXPM 404/A	1"	1"	161	391	397
IDROMAT-KIT / MXHM 204/A	1¼"	1"	160	381	404
IDROMAT-KIT / MXHM 205/A	1¼"	1"	160	405	404
IDROMAT-KIT / MXHM 404/A	1¼"	1"	160	381	404
IDROMAT-KIT / MXHM 405	1¼"	1"	160	405	404

