



# ITT

motralec

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## Lowara

### General Catalogue

## GENYO SYSTEM Series

*Small built-in pressure boosters, fully automatic. These units consist of a single phase pump together with Genyo device suitable for residential water systems.*

*The units are fully assembled and ready to be connected to the building's water system.*

*All models use one of the three executions ( F12, F15 or F22) of GENYO 8A device, depending from the every single hydraulic performance and the requirement specified from the electronic device:*

**GENYO 8A/F12** F12: 8A max Input current – 1.2 bar starting pressure  
**GENYO 8A/F15** F15: 8A max Input current – 1.5 bar starting pressure  
**GENYO 8A/F22** F22: 8A max Input current – 2.2 bar starting pressure

*Choice of units with peripheral (P), self-priming (BG), twin-impeller (CA) and horizontal multistage (HM-HMS) pumps.*

### SPECIFICATIONS

**Delivery:** up to 120 l/min (7,2 m<sup>3</sup>/h)

**Head:** up to 53 metres (5,1 bar)

**Power supply:** single-phase  
50 and 60 Hz

**Motor starting:** D.O.L.

**Power:** up to 1.1 kW.

**Water temperature:** 0°C to +40°C

### MATERIALS

**Pump:** Stainless steel and cast iron

### APPLICATIONS

- Pressure boosting in water systems for domestic use, lawn sprinkling and washing



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### GENYO SYSTEM SERIES TECHNICAL SPECIFICATIONS

Type	Rated power		Voltage V	Input Current A	Set up bar	Flow Q [l/min]	Head H [m]	Weight Kg
	kW	HP						
GENYO PM16/F15	0,30	0,40	1 x 220-240	2,2	1,5	10 ÷ 37	33,0 ÷ 5,0	9,6
GENYO 2HM3/F12	0,30	0,40	1 x 220-240	2,34	1,2	20 ÷ 70	21,4 ÷ 9,4	8,0
GENYO 2HM4/F15	0,45	0,60	1 x 220-240	2,92	1,5	20 ÷ 70	32 ÷ 14,5	8,9
GENYO 2HM5/F22	0,55	0,75	1 x 220-240	3,72	2,2	20 ÷ 70	42,1 ÷ 19,6	9,7
GENYO 2HM7/F22	0,75	1,00	1 x 220-240	5,09	2,2	20 ÷ 70	53,2 ÷ 25,8	13,2
GENYO 4HM5/F15	0,55	0,75	1 x 220-240	3,76	1,5	40 ÷ 120	28,9 ÷ 12,1	9,3
GENYO 4HM7/F22	0,75	1,00	1 x 220-240	5,74	2,2	40 ÷ 120	40,2 ÷ 17,7	12,8
GENYO 4HM9/F22	0,90	1,20	1 x 220-240	6,49	2,2	40 ÷ 120	51,2 ÷ 23,6	12,6
GENYO 2HMS4/F15	0,45	0,60	1 x 220-240	3,28	1,5	20 ÷ 70	35,6 ÷ 14,4	9,2
GENYO 2HMS7/F22	0,75	1,00	1 x 220-240	4,61	2,2	20 ÷ 70	45,6 ÷ 18,2	13,2
GENYO 4HMS5/F15	0,55	0,75	1 x 220-240	3,54	1,5	40 ÷ 120	30,6 ÷ 12,7	9,9
GENYO 4HMS7/F22	0,75	1,00	1 x 220-240	5,08	2,2	40 ÷ 120	38,9 ÷ 16,7	11,2
GENYO BGM5/F22	0,55	0,75	1 x 220-240	4,33	2,2	10 ÷ 60	35,7 ÷ 18,8	13,1
GENYO BGM7/F22	0,75	1,00	1 x 220-240	5	2,2	20 ÷ 60	38,1 ÷ 25,6	14,1
GENYO BGM9/F22	0,90	1,20	1 x 220-240	5,54	2,2	20 ÷ 65	41,1 ÷ 28,6	14,1
GENYO BGM11/F22	1,10	1,50	1 x 220-240	6,47	2,2	20 ÷ 70	45,8 ÷ 30,3	17,1
GENYO CAM70/33/F22	0,75	1,00	1 x 220-240	5,16	2,2	30 ÷ 80	38,8 ÷ 23,9	16,1
GENYO CAM70/34/F22	0,90	1,20	1 x 220-240	6,22	2,2	30 ÷ 80	45,1 ÷ 29,5	16,9

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