



ITT

Lowara

# DOMO GRI Submersible Grinder Pump



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## LOWARA LAUNCHES NEW SUBMERSIBLE GRINDER PUMP FOR RESIDENTIAL APPLICATIONS



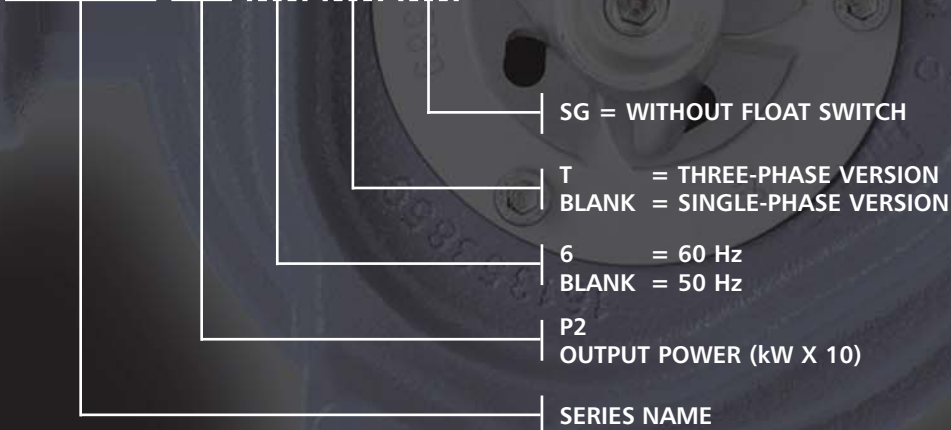
An efficient new grinder pump from Lowara is set to clean up in the domestic sewage market. The new DOMO GRI has been design to deliver domestic sewage, liquids containing solids or fibres, and wastewater from residential buildings to the sewer mains or a pressurized sewer network.

Constructors face a number of challenges for which DOMO GRI is the ideal solution. DOMO GRI comes into its own in farm areas, small villages and homes built in remote areas where the conventional gravity sewage network is too expensive to commission.

The pumps are particularly effective where the sewer main is located at high level or where the ground level is variable. It is also a cost-effective option where the installation is far from the sewer main, such as in holiday homes and camping grounds

### DOMO GRI SERIES – IDENTIFICATION CODE

DOMO GRI 11 6 T SG



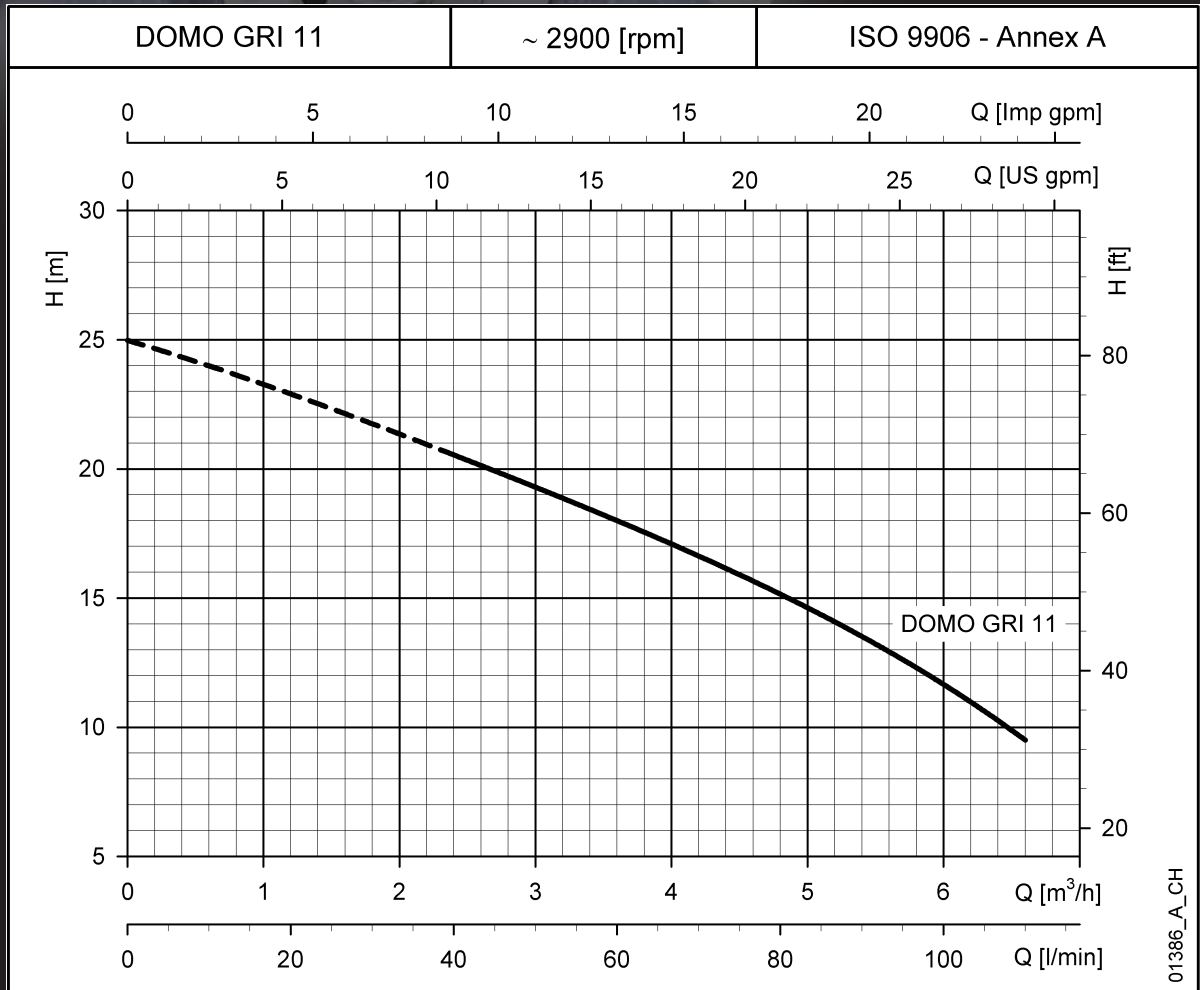
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## DOMO GRI SERIES OPERATING CHARACTERISTICS AT 50 Hz



### HYDRAULIC PERFORMANCE TABLE

PUMP TYPE	OUTPUT POWER		Q = DELIVERY										
			l/min	15	30	40	50	60	70	80	90	100	110
			0	0,9	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6
			m³/h										
	kW	HP	H = TOTAL HEAD METRES COLUMN OF WATER										
DOMO GRI 11 (SG)	1,1	1,5	25,0	23,5	21,7	20,5	19,3	18,0	16,6	15,2	13,5	11,7	9,5
DOMO GRI 11 T													

These performances are valid for liquids with density  $\rho = 1,0 \text{ kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{s}$ .

domo-gri-2p50-en\_a\_th

### ELECTRICAL DATA

PUMP TYPE	INPUT POWER*		CAPACITOR	PUMP TYPE	INPUT POWER*		INPUT CURRENT*
	POWER*	CURRENT*			THREE-PHASE	POWER*	
SINGLE-PHASE	kW	220-240 V A	$\mu\text{F} / 450 \text{ V}$		kW	220-240 V A	380-415 V A
DOMO GRI 11 (SG)	1,58	7,02	30	DOMO GRI 11 T	1,49	4,73	2,73

\*Maximum value in specified range

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## DOMO GRI SERIES DIMENSIONS AND WEIGHTS

PUMP TYPE	WEIGHT kg
DOMO GRI 11 (SG)	19 (18,8)
DOMO GRI 11 T	18,3

domo-gri-en\_a\_td

01380\_A\_DD

## RANGE INTEGRATION



DOMO GRI is designed to complete the ITT Lowara Residential sewage pump range named DOMO with a reliable non clogging solution.

DOMO GRI is also available assembled into the ITT Lowara sewage lifting stations range named Singlebox and Doublebox.

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## **HIGHLY RELIABLE GRINDER SYSTEM**

DOMO GRI features a completely new, extremely efficient and highly reliable grinder system.

The grinder is able to macerate all the solids present in the sewage into small pieces able to pass through the pump impeller and smaller discharge pipes (DN25).

Not only is the risk of clogging or blockage extremely low, contractors are able to minimize investment costs by using smaller and flexible pipes or where such pipes are the only option.

The grinder system is easily replaceable to ensure that any downtime is minimised and that maintenance is easy and quick. For more details on Lowara's DOMO GRI grinder pumps please visit or call your local Lowara Sales offices.



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<b>"RESIDENTIAL AND COMMERCIAL WATER GROUP - EMEA" SALES NETWORK</b>
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