



# Domo Gri

SUBMERSIBLE GRINDER PUMP

## Lowara submersible grinder pump for residential applications.

An efficient grinder pump 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.

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

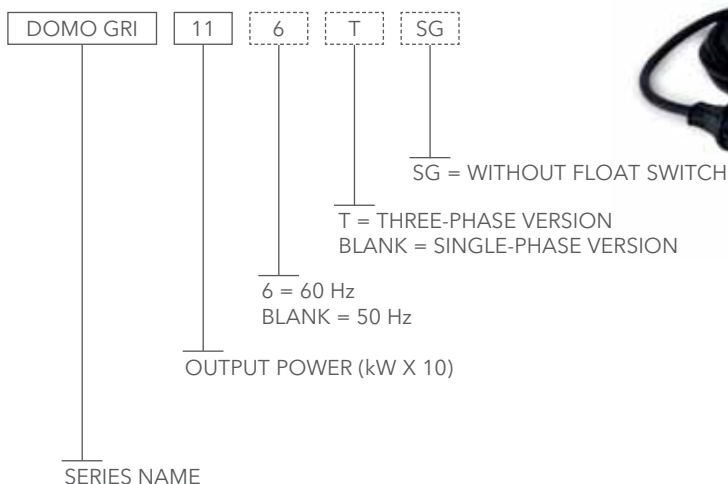
The grinder is able to macerate all the solids present in the sewage into small pieces able to pass through the pump impeller and smaller discharge pipes (DN25).

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.

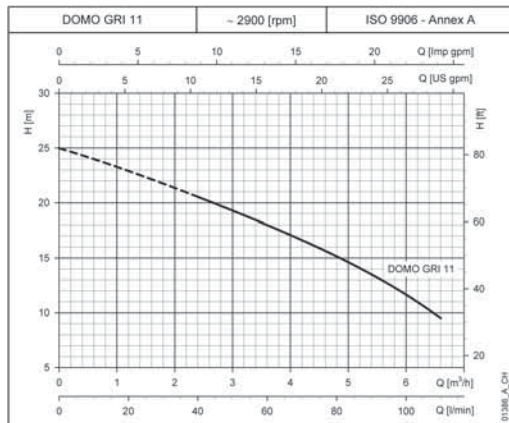
For more details on Xylem's DOMO GRI grinder pumps please visit or call your local Xylem Sales offices.

## DOMO GRI SERIES Identification code.



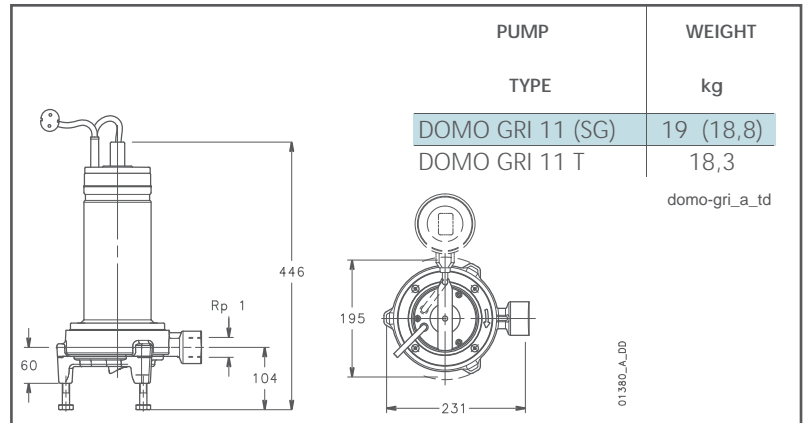
## DOMO GRI SERIES

### Operating characteristics at 50 Hz.



## DOMO GRI SERIES

### Dimensions and weights.



## Hydraulic performance table.

PUMP TYPE	OUTPUT POWER		Q = DELIVERY											
			l/min	0	15	30	40	50	60	70	80	90	100	110
			m³/h	0	0,9	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6
			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\_a\_th

## Electrical data.

PUMP TYPE	INPUT POWER*		CAPACITOR	PUMP TYPE	INPUT POWER*		INPUT CURRENT*
	SINGLE-PHASE	220-240 V			THREE-PHASE	220-240 V	
	kW	A	F / 450 V		kW	A	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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## Range integration.

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

DOMO GRI is also available assembled into the lifting stations range named Singlebox Plus, Doublebox Plus and Maxibox Plus.



# What can Xylem do for you?

Xylem /'ziləm/

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation. For more information on how Xylem can help you, go to [xylem.com](http://xylem.com).

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