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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

SG = WITHOUT FLOAT SWITCH

T = THREE-PHASE VERSION
BLANK = SINGLE-PHASE VERSION

6 = 60 Hz
BLANK = 50 Hz

P2
OUTPUT POWER (kW X 10)

SERIES NAME

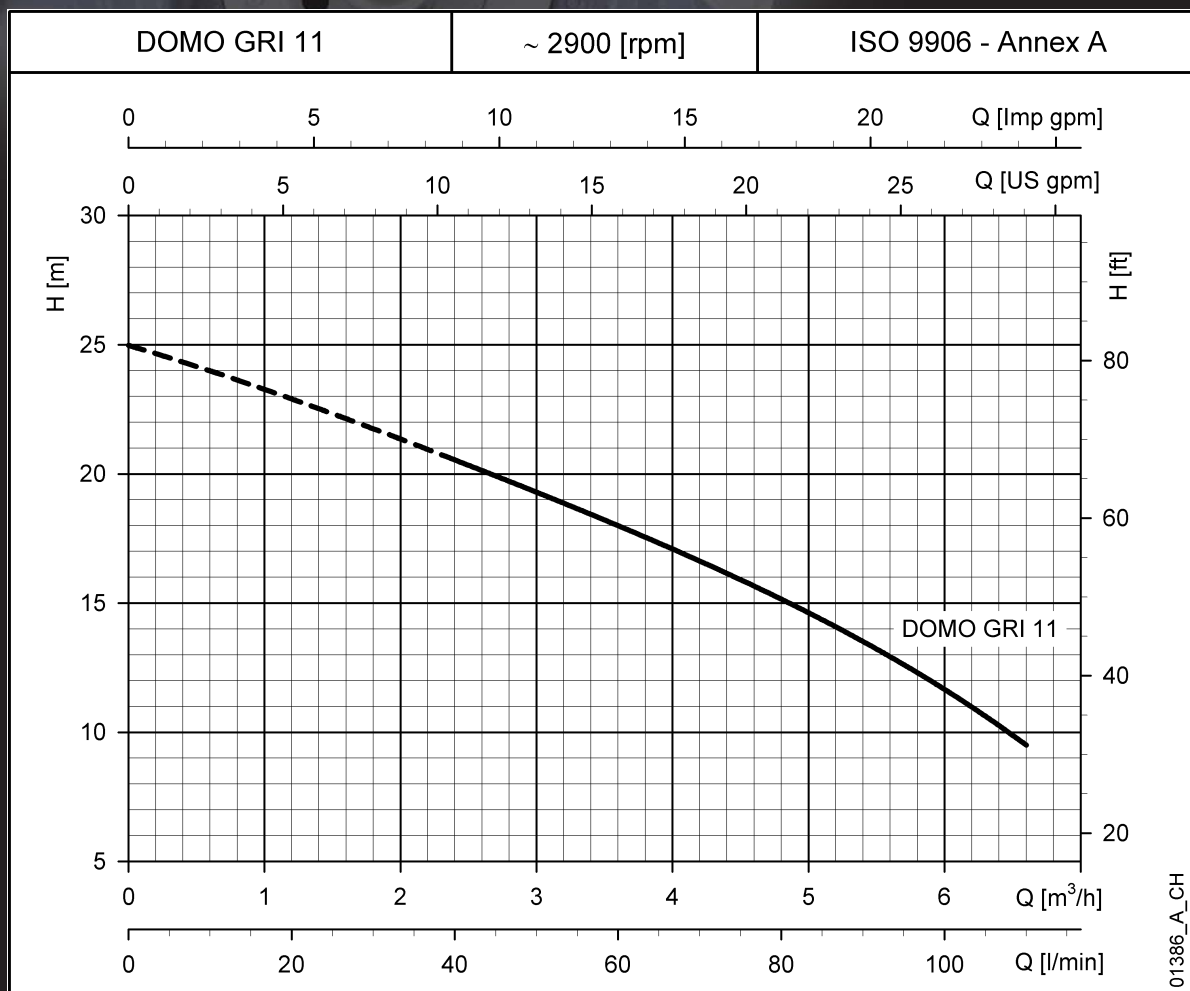
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DOMO GRI SERIES OPERATING CHARACTERISTICS AT 50 Hz



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													
kW		HP												
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*	INPUT CURRENT*	CAPACITOR	PUMP TYPE	INPUT POWER*	INPUT CURRENT*	INPUT CURRENT*
SINGLE-PHASE		220-240 V		THREE-PHASE		220-240 V	380-415 V
	kW	A	$\mu\text{F} / 450 \text{ V}$		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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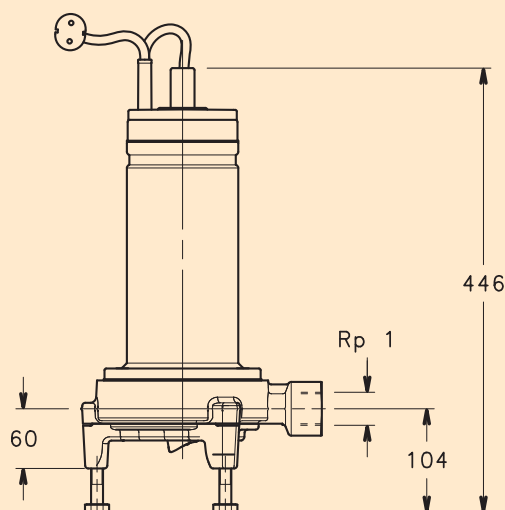
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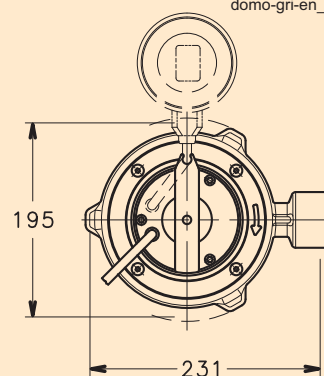
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DOMO GRI SERIES DIMENSIONS AND WEIGHTS



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 (DN32).

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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Lowara reserves the right to make modifications without prior notice.
 cod. 191004461 P 03/08

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