LOWARA DOMO/ DOMO GRI

304 stainless steel submersible pumps


DOMO


DOMO GRI

Drainage pump Sewage pump Submersible pump

Description

The DOMO series of submersible pumps is a series of small pumps with a two-channel impeller suitable for pumping contaminated water. The pump is available in four basic versions with power ratings up to 1.5 kW. The pumps are made of stainless steel 304. The pump is available in a 1-phase and a 3-phase version. The 1-phase pumps are available with or without a float switch. The DOMO GRI is a version with a cutting device.

Applications

- pumping water from tanks and basins
- emptying sewer pits and waste water
- collection tanks
- irrigation
- emptying flooded basements

Specifications

- suitable for contaminated liquids and continuous use
- design:
  stainless steel 304 (DOMO)
  cast iron (DOMO GRI)
- impeller:
  DOMO7 (VX): technopolymer
  DOMO S7 (VX): stainless steel
  DOMO10-15-20(VX): stainless steel
  DOMO GRI: technopolymer with stainless steel grinder
- capacity: up to 40,2 m³/h (DOMO) / 6,6 m³/h (DOMO GRI)
- delivery head: up to 13,2 mwk (DOMO) / 23,5 mwk (DOMO GRI)
- maximum immersion depth: 5 meter
- liquid temperature: max. 35°C
- insulation class: F
- protection class: IPX8
- pressure connection:
  - 1½" (DOMO 7) or 2" (DOMO 10-15-20)
  - 1" (DOMO GRI)
- motor power P2: up to 1,5 kW
- voltages:
  - 1-phase 220-240 Volt 50 Hz with overcurrent protection
  - 3-phase 220-240/380-415 Volt 50 Hz
  - other frequencies and voltages on request
- also available with vortex impeller (DOMO)
- universal foot bend coupling possible

Capacity table DOMO series at 50 Hz, 2-pole

POMPTYPE	NOM. POWER		Q = CAPACITY										
			l/min 0	100	150	200	250	300	320	400	500	600	670
			m³/h 0	6	9	12	15	18	19,2	24	30	36	40,2
	kW	pk	H = TOTAL DELIVERY HEIGHT IN METERS OF WATER COLUMN										
DOMO 7(T) - S7(T)	0,55	0,75	10,7	7,5	6,3	5,2	4,1	2,7	2,1				
DOMO 10(T)	0,75	1	10,1	8,5	7,8	7,2	6,6	6,0	5,8	4,7	3,2		
DOMO 15(T)	1,1	1,5	12,7	11,0	10,2	9,5	8,8	8,0	7,8	6,6	5,2	3,6	
DOMO 20T	1,5	2	14,8	13,2	12,4	11,7	10,9	10,2	9,9	8,7	7,1	5,4	4,2

Motor data DOMO series at 50 Hz, 2-pole

POMPTYPE 1~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	COND. µF / 450 V
DOMO 7 - (S7)	0,8 (0,76)	3,94 (3,83)	16
DOMO 10	1,14	5,84	22
DOMO 15	1,58	7,02	30
-	-	-	-

POMPTYPE 3~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	OPGEN. POWER 380-415 V A
DOMO 7T - (S7T)	0,73 (0,68)	2,58	1,49
DOMO 10T	1,09	4,09	2,36
DOMO 15T	1,49	4,73	2,73
DOMO 20T	1,96	6,6	3,81

Capacity table DOMOVX series at 50 Hz, 2-pole

POMPTYPE	NOM. POWER		Q = CAPACITY										
			l/min 0	80	100	150	175	200	225	260	300	400	450	550
			m³/h 0	4,8	6	9	10,5	12	13,5	15,6	18	24	27	33
	kW	pk	H= TOTAL DELIVERY HEIGHT IN METERS OF WATER COLUMN											
DOMO 7VX(T) - S7VX(T)	0,55	0,75	9,1	7,1	6,6	5,1	4,4	3,7	3,0	2,0				
DOMO 10VX(T)	0,75	1	7,7	7,3	7,1	6,7	6,5	6,2	5,9	5,4	4,8	3,1		
DOMO 15VX(T)	1,1	1,5	9,1	8,8	8,6	8,3	8,0	7,8	7,5	7,1	6,5	4,8	3,7	
DOMO 20VXT	1,5	2	11,0	10,6	10,5	10,2	9,9	9,7	9,5	9,1	8,6	7,0	6,1	3,8

Motor data DOMO VX series at 50 Hz, 2-pole

POMPTYPE 1~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	COND. µF / 450 V
DOMO 7VX - (S7VX)	0,79 (0,83)	3,91 (4,03)	16
DOMO 10VX	1,15	5,88	22
DOMO 15VX	1,36	6,11	30
-	-	-	-

POMPTYPE 3~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	OPGEN. POWER 380-415 V A
DOMO 7VXT - (S7VXT)	0,71 (0,76)	2,56 (2,63)	1,48 (1,52)
DOMO 10VXT	1,10	4,09	2,36
DOMO 15VXT	1,26	4,31	2,49
DOMO 20VXT	1,74	6,22	3,59

CAPACITY TABLE DOMO GRINDER SERIES AT 50 HZ, 2-POLE

POMPTYPE	NOM. POWER		Q = CAPACITY										
			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
	kW	pk	H = TOTAL DELIVERY HEIGHT IN METERS OF WATER COLUMN										
DOMO GRI 11 (T)	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

Motor data DOMO Grinder series at 50 Hz, 2-pole

POMPTYPE 1~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	COND. µF / 450 V
DOMO GRI 11	1,50	6,84	30

POMPTYPE 3~	OPGEN. POWER kW	OPGEN. POWER 220-240 V A	OPGEN. POWER 380-415 V A
DOMO GRI 11 T	1,39	4,55	2,63