

DRS

Submersible sewage electric pumps with open impeller and grinder device inlet



Possibility to use in fixed and mobile installations



Open impeller with suction grinder

ACCESSORIES

- Adaptors
- Hook guide
- Control panels
 - EP DRAIN 1-2
 - EP DOL 1-2-3
 - EP SD 1-2-3

TECHNICAL DATA

Max. immersion	7 m with 10 m cable on request 17 m with 20 m cable
Max. temperature of the liquid	+40°C
Max. solids passage	6÷7 mm (DRS 40) 8÷10 mm (DRS 65)
Poles	2
Insulation class	H
Protection degree	IP68
Voltage	Single-phase 1~230V ±10% Three-phase 3~400/690 ±10%

Overload protection must be provided by the user.

MATERIALS

Pump body	Cast iron
Impeller	Cast iron
Shaft	Stainless steel AISI 420B (EN 1.4028)
Mechanical seal	Impeller side: Silicon carbide/Silicon carbide/NBR Motor side: Carbon/Ceramic/NBR

DRS

Submersible sewage electric pumps with open impeller and grinder device inlet

Single phase 230V

Model	Code	£ Stg	HP	kW	rpm	Abs. Curr. [A] 230V	Passage [mm]	DNM	Weight [kg]
40DRS51.1M2CG *	1875000298	1823.00	1,5	1,1	2850	6,6	6	40	30
40DRS51.1M2BG *	1875000297	1823.00	1,5	1,1	2850	6,6	6	40	30
40DRS51.1M2AG *	1875000296	1823.00	1,5	1,1	2850	6,6	6	40	30
40DRS51.2M2CG *	1875000304	1856.00	1,5	1,1	2800	6,6	6	40	40
40DRS51.5M2BG *	1875000303	1923.00	2	1,5	2800	9	6	40	40
40DRS51.9M2AG *	1875000302	1971.00	2,5	1,9	2800	11,4	6	40	40

Equipped with a float switch and a control panel with double capacitor_x000B_A flange or elbow is required in the case of mobile installation_x000B_* Three-phase 400/690 V – DOL-SD starting_x000B_The product is available in different materials and voltages; for further information, please contact the sales network

Three phase 400V

Model	Code	£ Stg	HP	kW	rpm	Abs. Curr. [A] 400V	Passage [mm]	DNM	Weight [kg]
40DRS51.1T2CG **	1875000301	1598.00	1,5	1,1	2800	2,4	6	40	30
40DRS51.1T2BG **	1875000300	1598.00	1,5	1,1	2800	2,4	6	40	30
40DRS51.4T2AG **	1875000299	1598.00	1,9	1,4	2800	2,7	6	40	30
40DRS51.6T2CG **	1875000307	1674.00	2,1	1,6	2800	3,1	6	40	40
40DRS51.6T2BG **	1875000306	1674.00	2,1	1,6	2800	3,1	6	40	40
40DRS52.4T2AG **	1875000305	1919.00	3,2	2,4	2800	4,5	6	40	40
40DRS53.1T2BG **	1875000309	3094.00	4,2	3,1	2800	5,8	7	40	52
40DRS53.1T2AG **	1875000308	3094.00	4,2	3,1	2800	5,8	7	40	52
40DRS54.2T2CG *	1875000312	3559.00	5,6	4,2	2850	7,7	7	40	67
40DRS55T2BG *	1875000311	3559.00	6,7	5	2850	9,1	7	40	67
40DRS55T2AG *	1875000310	3559.00	6,7	5	2850	9,1	7	40	67
65DRS56.5T2CG **	1875000314	9344.00	8,7	6,5	2850	11,8	8	65	178
65DRS57.5T2BG *	1875000313	9344.00	10,1	7,5	2850	13,5	8	65	178
65DRS59T2DG *	1875000318	10507.00	12,1	9	2850	16,2	10	65	200
65DRS511T2CG *	1875000317	10507.00	14,8	11	2850	19,9	10	65	200
65DRS513.8T2BG *	1875000316	10963.00	18,5	13,8	2850	24,8	10	65	200
65DRS513.8T2AG *	1875000315	10963.00	18,5	13,8	2850	24,8	10	65	200
65DRS516.6T2GG *	1875000319	10963.00	22,3	16,6	2850	29,8	10	65	200
65DRS520T2BG *	1875000321	16728.00	26,8	20	2850	35,8	10	65	340
65DRS522.4T2AG *	1875000320	16728.00	30	22,4	2850	38,9	10	65	340
65DRS525.1T2AG *	1875000322	16728.00	33,7	25,1	2850	43,6	10	65	340

Tripod or lowering device required for all models

Product available in different materials and voltages, for more information please contact the sales network

* Three phase 400/690V - DOL-SD start

** Three phase 400V - DOL-SD start