

SUBMERSIBLE SEWAGE PUMPS (MULTI-CHANNEL)

in cast iron



Submersible sewage pumps with multi-channel impeller

APPLICATIONS

- Moving sewage, foul liquids in general
- Emptying seepage water
- Emptying cesspits
- Draining excavations

TECHNICAL DATA

- Maximum temperature of the liquid: 40°C
- Max. solids size for passage: 30÷140mm
- Three phase asynchronous motor
- Versions available: 2, 4, 6, 8 poles
- Insulation class H
- Protection degree IP 68
- 400V, 50Hz three phase voltage
- Flanges DN65, DN80, DN100, DN150, DN200, DN250, DN300
- Power up to 79,5 kW

MATERIALS

- Pump body, double, three channel impeller, motor pump body, volute base, upper cover in cast iron
- Shaft in AISI 420B
- Mechanical seal: SiC/SiC/NBR (pump side)
Carbon/Ceramic/NBR (motor side)

ACCESSORIES (ON REQUEST)

- See from page 142

SUBMERSIBLE SEWAGE PUMPS (MULTI-CHANNEL)

in cast iron

DRD PUMPS WITH MULTI-CHANNEL IMPELLER

Three phase 400/690V - 50 Hz

Model	Speed	kW	Absorbed Curr. [A]		Discharge DN	Passage [mm]	Weight [kg]	Performance	
			400V	690V				Q [m³/h]	H [m]
DRD/A 65-106-3,2 (*)	2850	3,2	6,5	-	65	30	61,0	10,0÷50,0÷80,0	14,0÷10,0÷4,0
DRD/A 65-115-3,2 (*)	2850	3,2	6,5	-	65	30	61,0	12,0÷40,0÷72,0	17,0÷14,0÷9,0
DRD/A 80-123-5,7 (*)	2850	5,7	-	12,5	80	30	77,0	17,0÷68,0÷104,0	21,0÷16,0÷7,0
DRD/A 80-132-5,7 (*)	2850	5,7	-	12,5	80	30	77,0	18,0÷70,0÷100,0	24,0÷18,0÷11,0
DRD/A 80-160-8,2 (*)	2850	8,2	-	15,5	80	30	150,0	20,0÷80,0÷125,0	29,0÷20,0÷7,0
DRD/A 100-240-2,3 (*)	950	2,3	6	-	100	80	96,0	28,0÷92,0÷140,0	7,0÷5,0÷2,5
DRD/A 100-240-2,8 (*)	950	2,8	-	6,6	100	80	111,0	29,0÷100,0÷180,0	7,8÷5,0÷2,0
DRD/A 100-185-3,8 (*)	1450	3,8	-	8	100	80	110,0	30,0÷110,0÷210,0	9,5÷7,0÷2,0
DRD/A 100-200-4,6 (*)	1450	4,6	-	9,5	100	80	110,0	29,0÷108,0÷108,0	12,0÷8,0÷3,0
DRD/A 100-230-7,1 (*)	1450	7,1	-	13,5	100	60	160,0	30,0÷108,0÷180,0	16,0÷11,0÷5,0
DRD/A 100-231-7,1 (*)	1450	7,1	-	13,5	100	80	160,0	25,0÷130,0÷230,0	17,0÷12,0÷5,0
DRD/A 100-240-12,1 (*)	1450	12,1	-	27	100	80	200,0	32,0÷150,0÷270,0	20,0÷13,0÷4,0
DRD/A 100-165-13,8 (*)	2850	13,8	-	29,5	100	40	200,0	30,0÷107,0÷165,0	33,0÷23,0÷12,0
DRD/A 100-175-13,8 (*)	2850	13,8	-	29,5	100	40	200,0	29,0÷126,0÷200,0	37,0÷25,0÷8,0
DRD/A 100-185-18,2 (*)	2850	18,2	-	34	100	40	200,0	32,0÷137,0÷216,0	41,0÷26,0÷12,0
DRD/A 100-195-18,2 (*)	2850	18,2	-	34	100	40	200,0	30,0÷60,0÷82,0	46,0÷43,0÷40,0
DRD/A 100-200-22,4 (*)	2850	22,4	-	40,1	100	40	340,0	30,0÷140,0÷220,0	47,0÷32,0÷11,0
DRD/A 150-275-5,2 (*)	950	5,2	-	12,5	150	80	186,0	65,0÷170,0÷300,0	11,0÷7,0÷3,0
DRD/A 150-285-6,4 (*)	950	6,4	-	16	150	80	215,0	64,0÷187,0÷324,0	11,0÷7,5÷3,0
DRD/A 150-380-79,5 (*)	1450	79,5	-	135	150	60	900,0	70,0÷290,0÷480,0	51,0÷46,0÷35,0
DRD/A 150-300-16 (*)	950	16	-	34,2	150	100	450,0	61,0÷210,0÷360,0	13,5÷10,0÷4,0
DRD/A 150-320-16 (*)	950	16	-	34,2	150	100	450,0	61,0÷200,0÷410,0	16,0÷12,0÷4,5
DRD/A 150-260-21 (*)	1450	21	-	43,1	150	100	450,0	70,0÷260,0÷420,0	22,0÷15,0÷5,0
DRD/A 150-275-27 (*)	1450	27	-	52,2	150	100	450,0	70,0÷270,0÷440,0	24,0÷17,0÷7,0
DRD/A 150-290-27 (*)	1450	27	-	52,2	150	100	450,0	50,0÷270,0÷430,0	27,0÷21,0÷11,0
DRD/A 150-300-27 (*)	1450	27	-	52,2	150	80	450,0	70,0÷290,0÷440,0	28,0÷20,0÷10,0
DRD/A 150-290-35,7 (*)	1450	35,7	-	65,5	150	100	515,0	72,0÷288,0÷504,0	30,0÷22,0÷7,0
DRD/A 150-305-35,7 (*)	1450	35,7	-	65,5	150	100	515,0	60,0÷288,0÷500,0	32,0÷25,0÷12,0
DRD/A 150-310-35,7 (*)	1450	35,7	-	65,5	150	80	515,0	100,0÷300,0÷500,0	29,0÷22,0÷6,0
DRD/A 150-320-35,7 (*)	1450	35,7	-	65,5	150	80	515,0	70,0÷200,0÷300,0	34,0÷28,0÷23,0
DRD/A 150-210-48,2 (*)	2850	48,2	-	86,5	150	50	495,0	60,0÷160,0÷230,0	47,0÷40,0÷32,0
DRD/A 150-345-52,1 (*)	1450	52,1	-	92,5	150	60	745,0	65,0÷250,0÷360,0	42,0÷37,0÷31,0
DRD/A 150-360-79,5 (*)	1450	79,5	-	135	150	60	900,0	72,0÷360,0÷576,0	44,0÷36,0÷15,0
DRD/A 150-380-79,5 (*)	1450	79,5	-	135	150	60	900,0	70,0÷290,0÷480,0	51,0÷46,0÷35,0
DRD/A 150-400-79,5 (*)	1450	79,5	-	135	150	60	900,0	70,0÷216,0÷380,0	57,0÷54,0÷47,0
DRD/A 200-341-8,6 (*)	750	8,6	-	22	200	102	414,0	108,0÷252,0÷396,0	8,0÷6,0÷3,0
DRD/A 200-335-13,7 (*)	750	13,7	-	29,5	200	102	460,0	108,0÷324,0÷504,0	8,3÷5,6÷3,2
DRD/A 200-345-13,7 (*)	750	13,7	-	29,5	200	102	460,0	108,0÷324,0÷576,0	9,0÷6,8÷2,8
DRD/A 200-305-16 (*)	950	16	-	34,2	200	102	460,0	110,0÷400,0÷660,0	12,0÷8,5÷3,0
DRD/A 200-320-16 (*)	950	16	-	34,2	200	102	460,0	100,0÷340,0÷500,0	12,5÷8,5÷4,0
DRD/A 200-341-16 (*)	950	16	-	34,2	200	102	460,0	100,0÷360,0÷520,0	14,5÷9,0÷5,0
DRD/A 200-320-19,8 (*)	950	19,8	-	37	200	102	460,0	108,0÷414,0÷720,0	14,0÷10,0÷3,0
DRD/A 200-341-23,4 (*)	950	23,4	-	43	200	102	460,0	108,0÷432,0÷792,0	16,0÷11,0÷3,0
DRD/A 200-315-46 (*)	1450	46	-	83,5	200	102	665,0	108,0÷468,0÷720,0	27,0÷17,0÷7,0
DRD/A 200-330-52,1 (*)	1450	52,1	-	92,5	200	102	665,0	120,0÷525,0÷840,0	32,0÷20,0÷6,0
DRD/A 200-341-52,1 (*)	1450	52,1	-	92,5	200	102	665,0	100,0÷540,0÷900,0	35,0÷21,0÷7,0

(*) Tripod or lowering device necessary

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Three phase 400/690V - 50 Hz

Model	Speed	kW	Absorbed Curr. [A]		Discharge DN	Passage [mm]	Weight [kg]	Performance	
			400V	3~ 690V				Q [m³/h]	H [m]
DRD/A 250-238-21 (*)	1450	21	-	43,1	250	73	440,0	180,0÷540,0÷820,0	11,0÷6,0÷2,0
DRD/A 250-390-21,8 (*)	750	21,8	-	47,5	250	105	550,0	180,0÷540,0÷900,0	12,0÷6,8÷3,0
DRD/A 250-325-23,4 (*)	950	23,4	-	43	250	105	510,0	180,0÷540,0÷900,0	14,0÷10,0÷3,0
DRD/A 250-350-29 (*)	950	29	-	57	250	105	590,0	180,0÷594,0÷972,0	16,5÷12,0÷4,0
DRD/A 250-375-40 (*)	950	40	-	80	250	105	750,0	180,0÷648,0÷1.080,0	18,5÷13,0÷4,0
DRD/A 250-390-40 (*)	950	40	-	80	250	105	750,0	180,0÷648,0÷1.152,0	20,0÷14,0÷5,0
DRD/A 250-345-77,2 (*)	1450	77,2	-	135	250	105	914,0	180,0÷684,0÷1.080,0	34,0÷22,0÷7,0
DRD/A 250-360-77,2 (*)	1450	77,2	-	135	250	105	914,0	180,0÷720,0÷1.260,0	37,0÷25,0÷5,0
DRD/A 250-375-79,5 (*)	1450	79,5	-	135	250	105	914,0	180,0÷756,0÷1.200,0	40,0÷26,0÷10,0
DRD/A 250-390-79,5 (*)	1450	79,5	-	135	250	105	914,0	180,0÷810,0÷1.260,0	44,0÷27,0÷10,0
DRD/A 300-386-21,7 (*)	750	21,7	-	50	300	50X140	1024,0	252,0÷756,0÷1.260,0	10,5÷6,5÷2,7
DRD/A 300-412-26,7 (*)	750	26,7	-	59	300	50X140	1024,0	252,0÷900,0÷1.440,0	12,5÷7,5÷3,0
DRD/A 300-350-32 (*)	950	32	-	60,5	300	50X140	1042,0	252,0÷900,0÷1.368,0	14,5÷8,0÷3,0
DRD/A 300-376-40 (*)	950	40	-	80	300	50X140	1042,0	252,0÷972,0÷1.512,0	17,0÷9,0÷3,8
DRD/A 300-403-55,8 (*)	950	55,8	-	108	300	50X140	1230,0	234,0÷990,0÷1.800,0	20,5÷12,5÷4,5
DRD/A 300-412-55,8 (*)	950	55,8	-	108	300	50X140	1230,0	252,0÷1.152,0÷1.656,0	23,0÷14,0÷7,5

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