

## MULTISTREAM 10-35

### SEWAGE PUMPS



MULTISTREAM



#### FEATURES

- Adjustable single-channel impeller.
- Safe to run dry.
- SiC mechanical seal.
- Moisture-sealed cable inlet.
- Controllable oil chamber.
- Built-in motor protection.
- Max. head - 27 m.
- Max. flow - 2200 lpm.

#### APPLICATIONS

- Recommended for:
- effluent which contains fiborous matter
  - effluent which contains solids
  - mixed water
  - raw effluent
  - raw sludge
  - rainwater.

#### PUMP INFORMATION

The adjustable axial gap of the MultiStream pump makes it possible to re-optimize the efficiency in case of abrasion by adjusting only one single screw. This can be done cost-effectively when the maintenance is carried out and the pumps keeps its optimum performance on a long-term basis.

#### PUMP CONSTRUCTION MATERIALS

Vertical, single-stage, submersible with horizontal discharge flange, single channel impeller and short shaft extension, providing a longer service life of the ball bearings and mechanical seal.

- Pump casing:** Grey cast iron.
- Motor housing:** Grey cast iron.
- Impeller:** Grey cast iron.
- Mechanical seal:** Silicon carbide mechanical seal with oil chamber and artificial carbon mechanical (or duplex rotary shaft seal up to size 35) as secondary seal.

#### OPERATING CONDITIONS

Install the pump vertically with guide rail system or pump base. Operate in conditions where the material to be transported is up to 40°C. Continuous operation where the motor is submerged. Intermittent operation where the motor is emerged (S3). E.g. 35%= 3.5 min. operation, 6.5 min. break.

#### SCOPE OF SUPPLY

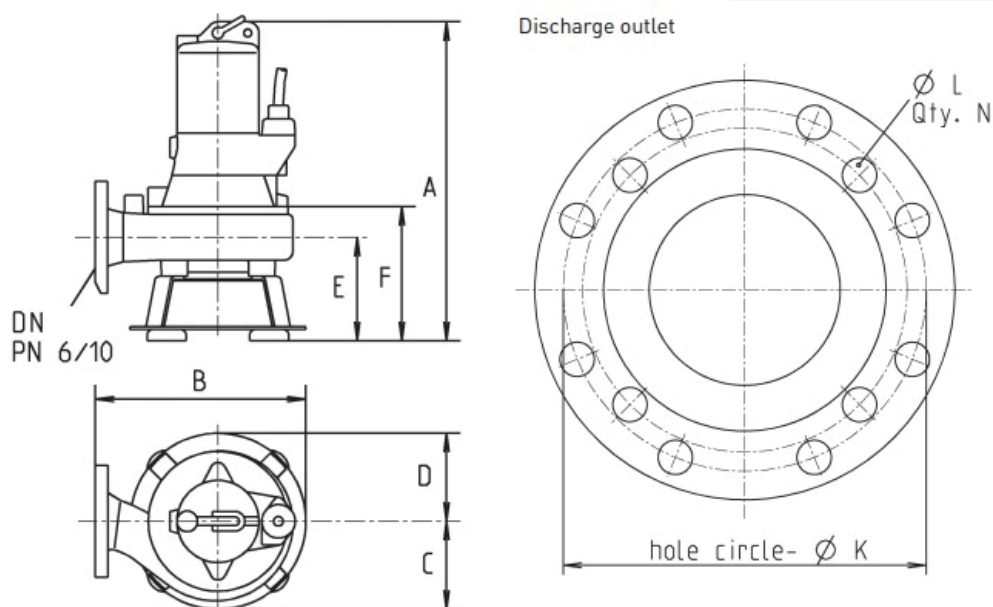
Pump with 10 m cable, without plug, without pump base.

## ELECTRICAL DATA

Type	Type of current	Voltage $\pm 10\%$	Frequency Hz	Motor rating kW		S3 %	RPM min	Current ampere	Motor protection	IP rating	Device fuse min.
				P1	P2						
10/2 A1	3-phase	230 / 400	50	1.30	1.10	60	2943	4.6 / 2.7 A	Thermostat	68	10 A
15/2 A1	3-phase	230 / 400	50	1.80	1.50	50	2910	5.7 / 3.3 A	Thermostat	68	10 A
25/2 A2	3-phase	230 / 400	50	2.60	2.10	40	2860	7.6 / 4.4 A	Thermostat	68	10 A
35/2 A2	3-phase	230 / 400	50	3.70	3.04	40	2895	11.5 / 6.6 A	Thermostat	68	10 A
25/2 B1	3-phase	230 / 400	50	2.60	2.10	40	2860	7.6 / 4.4 A	Thermostat	68	10 A
35/2 B2	3-phase	230 / 400	50	3.70	3.04	40	2895	11.5 / 6.6 A	Thermostat	68	10 A
10/4 B1	3-phase	230 / 400	50	0.95	0.73	50	1446	4.2 / 2.4 A	Thermostat	68	10 A
15/4 B3	3-phase	230 / 400	50	1.80	1.40	40	1426	5.9 / 3.4 A	Thermostat	68	10 A
25/4 B4	3-phase	230 / 400	50	2.70	2.04	25	1376	7.9 / 4.6 A	Thermostat	68	10 A
35/4 B4	3-phase	230 / 400	50	3.50	2.65	25	1424	12.0 / 6.9 A	Thermostat	68	10 A

## DIMENSIONS

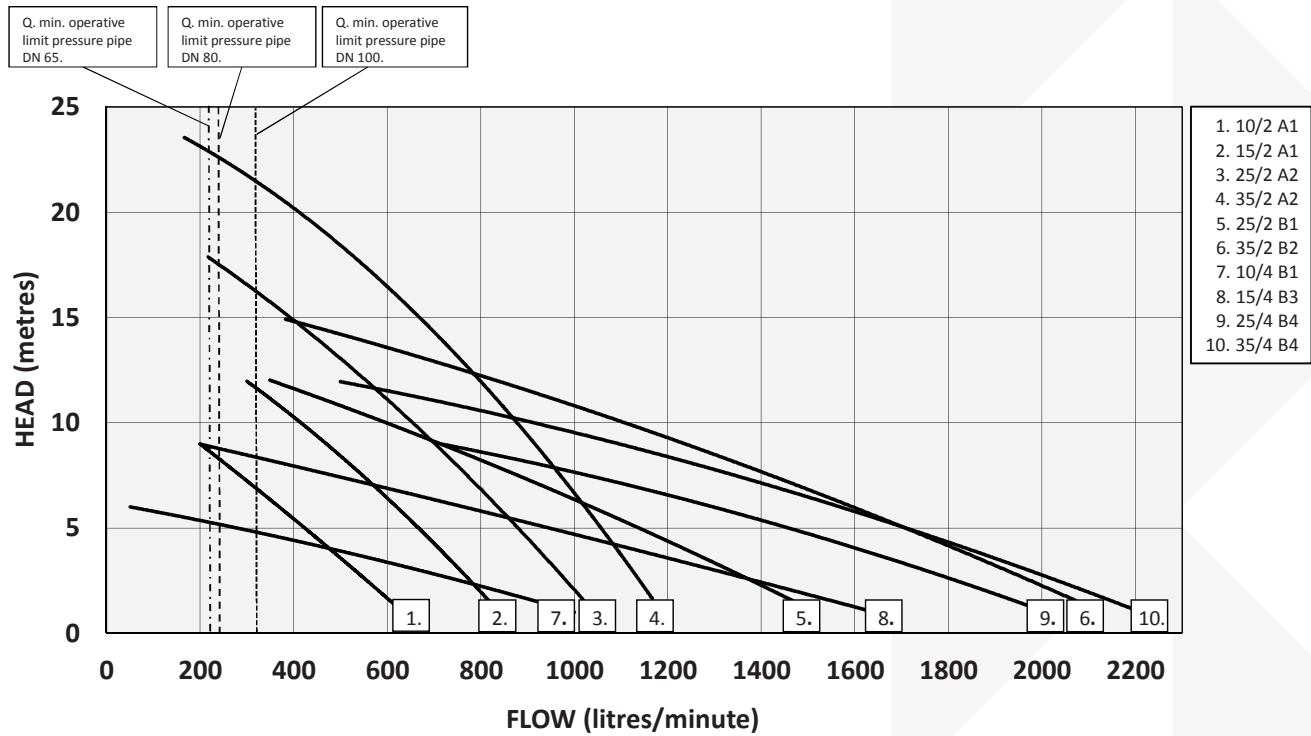
Type	Discharge branch PN6/10	Cable quality (plug in)	Cable length	Weight approx.	Maximum solids
10/2 A1	DN 65	H07RN-F-6G 1.5	10 m	41 kg	40 mm
15/2 A1	DN 65	H07RN-F-6G 1.5	10 m	42 kg	40 mm
25/2 A2	DN 65	H07RN-F-6G 1.5	10 m	48 kg	40 mm
35/2 A2	DN 65	H07RN-F-6G 1.5	10 m	52 kg	40 mm
25/2 B1	DN 80	H07RN-F-6G 1.5	10 m	45 kg	70 mm
35/2 B2	DN 80	H07RN-F-6G 1.5	10 m	55 kg	70 mm
10/4 B1	DN 80	H07RN-F-6G 1.5	10 m	45 kg	70 mm
15/4 B3	DN 80	H07RN-F-6G 1.5	10 m	50 kg	70 mm
25/4 B4	DN 80	H07RN-F-6G 1.5	10 m	59 kg	70 mm
35/4 B4	DN 80	H07RN-F-6G 1.5	10 m	62 kg	70 mm



Type	A	B	C	D	E	F	K	L	N
10/2 A1	475	325	110	105	135	175	130 / 145	14 / 18	4
15/2 A1	475	325	110	105	135	175	130 / 145	14 / 18	4
25/2 A2	475	345	135	135	135	185	130 / 145	14 / 18	4
35/2 A2	510	345	135	135	135	185	130 / 145	14 / 18	4
25/2 B1	530	340	135	135	185	240	150 / 160	18	4 / 8
35/2 B2	570	380	145	135	185	240	150 / 160	18	4 / 8
10/4 B1	530	340	135	135	185	240	150 / 160	18	4 / 8
15/4 B3	535	380	160	160	185	240	150 / 160	18	4 / 8
25/4 B4	535	440	190	160	185	240	150 / 160	18	4 / 8
35/4 B4	570	440	190	160	185	240	150 / 160	18	4 / 8

**PERFORMANCE**

Type	P/No	Delivery head [m]	1	3	6	9	12	15	18	20	22	24
10/2 A1	JP09615	Flow rate [lpm]	633	533	367	200						
15/2 A1	JP09616		833	767	617	467	300					
25/2 A2	JP09617		1033	967	850	700	550	383	217			
35/2 A2	JP09651		1167	1117	1050	933	800	667	500	400	267	167
25/2 B1	JP09618		1517	1333	1033	717	350					
35/2 B2	JP09652		2100	1950	1617	1217	817	383				
10/4 B1	JP09620		1000	667	50							
15/4 B3	JP09622		1633	1317	750	200						
25/4 B4	JP09623		2000	1767	1283	717						
35/4 B4	JP09647		2200	1983	1583	1067	500					



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