



APPLICATIONS

Emptying of rainwater wells, seepage and dirty water, draining of flooded areas.

FEATURES

- Open impeller in cast iron to eliminate obstruction from mud and other suspended small solids.
- Single-phase version with capacitor connected inside the pump.
- The pump is equipped with 5 m of H07RN-F electric cable .
- Single-phase version with float switch for automatic control available on request.

MOTOR

- 2 poles asynchronous motor, 50 Hz, 2850 rpm.
- Class F insulation.
- IP68 protection.
- Working voltage: single-phase 230 V, three-phase 400 V.
- The electric motor is cooled by non-toxic, non-polluting liquid.

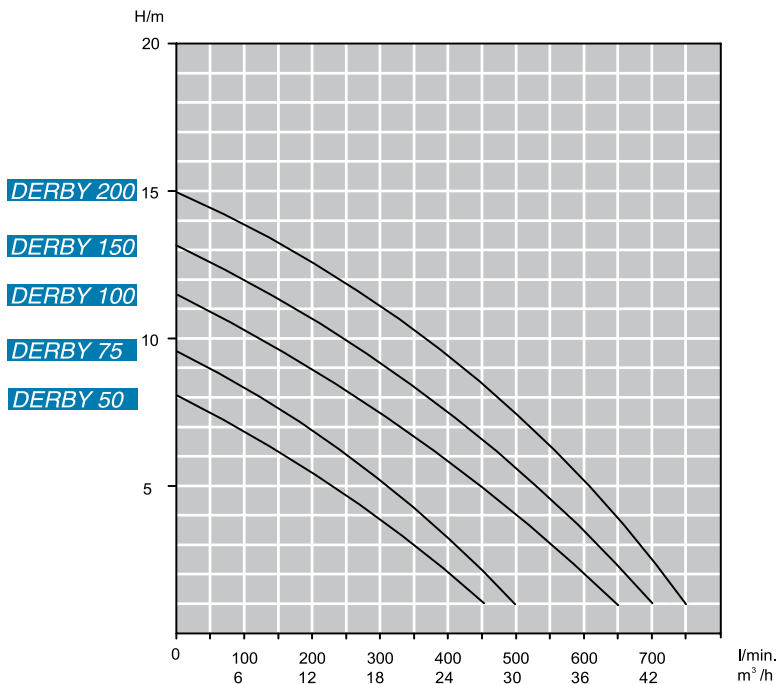
OPERATING CONDITIONS

- The pump can not operate in dry conditions.
- Pump body always completely submerged.
- Pumped liquid temperature: min 5°C - max 40°C.
- Vertical operating position.
- Sump protected against freezing.
- Maximum number of starts per hour: 20.

Technical specifications

Pump type	Motor		Max current		Outlet Ø	Delivery																	
	HP	kW	230V 1~	400V 3~		l/min	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	
			A	A			m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
DERBY 50	0,5	0,37	4,3	1,5	2"	Manometric head (m)	8	7,3	6,5	6	5,5	4,7	3,7	3	2	1							
DERBY 75	0,75	0,55	5,1	1,7			9,5	9	8,2	7,5	6,8	6	5,2	4,2	3,2	2	1						
DERBY 100	1	0,75	7	2,5			11,5	10,9	10,2	9,6	9	8,2	7,5	6,6	5,8	5	4	3	2	1			
DERBY 150	1,5	1,1	10,5	3,1			13,1	12,5	12	11,5	10,8	10	9,1	8,2	7,3	6,5	5,5	4,3	3,2	2,1	1		
DERBY 200	2	1,5	12,5	3,8			15	14,5	13,9	13,2	12,5	11,9	11	10,2	9,5	8,3	7,2	6,2	5,1	4	2,4	1	

Performance curves



Dimensions and weights

Pump type	Dimensions mm		Weight Kg
	A	B	
DERBY 50	445	230	16,7
DERBY 75	445	230	16,7
DERBY 100	475	230	18,1
DERBY 150	505	250	20,6
DERBY 200	520	250	21,8

