



ABS Waste water pump 'AS'



Applications :

Efficient pump for handling sewage & effluents contaminated with large proportions of abrasive solids and fibrous material. Specially designed **ContraBlock™** impeller prevents pump from jamming or clogging due to fibrous matter.

The AS pump is also available with explosion proof motor which allows pump installations in hazardous zones and pump can handle oily or greasy effluents or waste water from garages & service stations.

Range :

Capacity	:	upto 72 m ³ /h
Head	:	upto 25 m
Solids	:	upto 60 mm
Power	:	upto 1 to 3 kW
Pole	:	upto 2 to 4

Material :

Motor housing	:	C.I., GG-25
Motor shaft	:	SS-420
Volute	:	C.I. GG-25
Impeller, bottom plate	:	C.I., GG-25
Fasteners	:	SS-316
Mech. seal	:	Silicon carbide / Silicon carbide

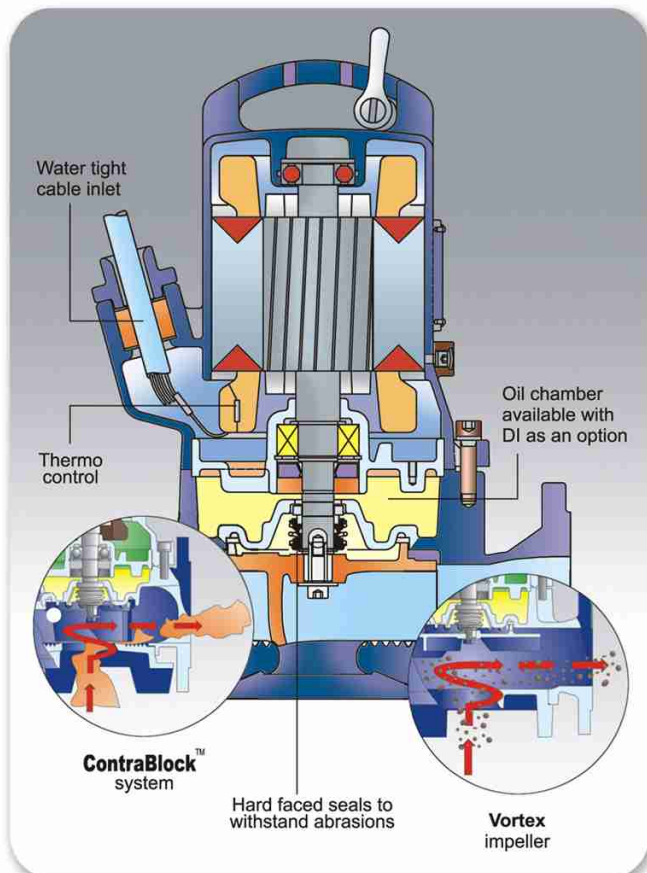
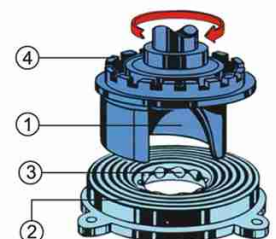
Features :

- The **ContraBlock™** design allows pump to handle contaminations like rags, napkins, plastic / gunny bags, cans, tapes etc.
- Ease of installation through automatic coupling with single guide rail. This ensures quick, reliable and economic pump installations.
- Available in 3 phase or 1 phase with options of standard or explosion proof motor as well as with automatic seal & temperature monitoring.

Design :

- AS pump offer two hydraulic designs; the **ContraBlock™** to handle fibrous and abrasive contaminations & the Vortex impeller allows high solids & blockage free pumping.

- **ContraBlock™** impeller
Open single channel ① impeller with sloped deflector edge at the impeller blade, adjustable bottom plate ② with sharp spiral shearing edges, large suction ③ inlet with wave shaped tearing edges and coarsely ④ toothed shearing ring on the upper side of the impeller



AS	Motor type	Impeller type	Discharge port	Power kW	Power supply	(m ³ /h)	Capacity										Weight Kg	Solid size (mm)	
							5	10	15	20	25	30	35	40	50	60			70
0530	S12/2 W	Vortex	2"	1.2	1 Ph	Head (m)	10.7	9.2	7.2	5.9								34	40
0530	S12/2 D	Vortex	2"	1.2	3 Ph		10.7	9.2	7.5	5.8								34	40
0530	S17/2 D	Vortex	2"	1.7	3 Ph		14	12.3	10.5	8.8								34	40
0530	S26/2 D	Vortex	2"	2.6	3 Ph		19.1	17.1	15	13.4	11.4							40	40
0630	S10/4 W	Vortex	DN 65	1	1 Ph		7.2	6.5	6	5.5	5	4.5	3.8					37	60
0630	S13/4 D	Vortex	DN 65	1.3	3 Ph		6.9	6.4	5.9	5.4	4.9	4.4	3.8	5				37	60
0630	S22/4 D	Vortex	DN 65	2.2	3 Ph		10.7	10.2	9.8	9.3	8.8	8.4	7.9	7.4	6.2	5	3.8	42	60
0631	S12/2 W	Vortex	DN 65	1.2	1 Ph		-	10.8	9.5	8.4	7	5.3	3.1	1				38	40
0631	S12/2 D	Vortex	DN 65	1.2	3 Ph		-	10.7	9.6	8.2	6.7	5	3	0.9				38	40
0631	S17/2 W	Vortex	DN 65	1.7	1 Ph		-	14.6	13	11.7	10.4	9	7	5.6	2.2			38	40
0631	S17/2 D	Vortex	DN 65	1.7	3 Ph		-	14.4	13	11.7	10.2	8.7	7.1	5.5	2.14			38	40
0631	S30/2 D	Vortex	DN 65	3	3 Ph		-	19.3	17.7	16.2	14.7	13.2	11.7	10	6.9	3.8		46	40
0641	S30/2 D	Contrablock	DN 65	3	3 Ph		-	24.2	22.7	21	19.4	17.7	16.2	14.5	10.9	7.2		42	40
0830	S10/4 W	Vortex	DN 80	1	1 Ph		7.1	6.7	5.9	5.5	5	4.5	3.8					40	60
0830	S13/4 D	Vortex	DN 80	1.3	3 Ph		9	8.3	7.8	7.2	6.7	6.2	5.6	5	2.4			40	60
0830	S22/4 D	Vortex	DN 80	2.2	3 Ph		10.7	10.2	9.8	9.3	8.8	8.4	7.9	7.4	6.2	5	3.8	42	60
0840	S12/2 W	Contrablock	DN 80	1.2	1 Ph		-	10.2	8.8	7.8	6.8	5.8	4.6	3.7				35	30
0840	S12/2 D	Contrablock	DN 80	1.2	3 Ph		-	10.1	8.8	7.7	6.7	5.6	4.7	3.7	2			35	30
0840	S17/2 D	Contrablock	DN 80	1.7	3 Ph		-	13.2	12	10.7	9.5	8.2	7.2	6	3.8			35	30
0840	S26/2 D	Contrablock	DN 80	2.6	3 Ph		-	17.6	15.8	14.3	12.9	11.7	10.7	9.7	7.6	5.2		40	30

ABS range also includes :



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