



DUMPER

GENERAL FEATURES

DUMPER pump line is the answer to dewatering problems. It's reduced diameter and side discharge option, make this pump line suitable for both contracting and industrial use. The stainless steel version allows further more extreme applications such as mining and others. Overall, the robust construction together with high quality materials, make this product a strong and reliable partner for the most demanding user.

- Flexible metal cable protection of around 1 m length
- Water isolating blocking system
- Elastic oil chamber for mechanical seal for heat dissipation on dry running
- Double, independent tandem-mechanical seal
- Sand protection for mechanical seal
- Epoxy coating for parts made of aluminium / steel

APPLICATIONS:



Industrial



Tunneling



Mining



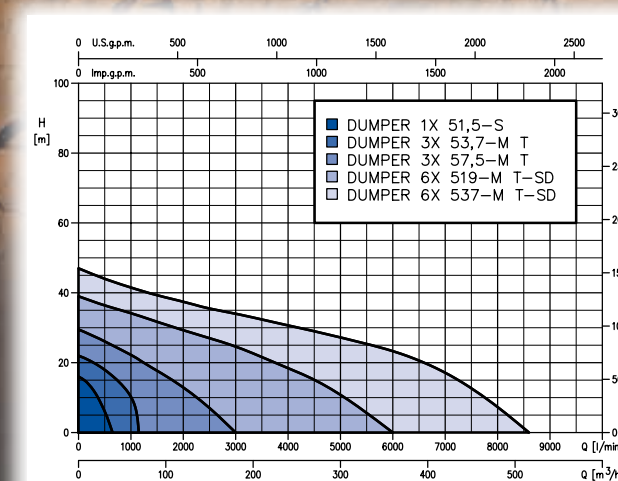
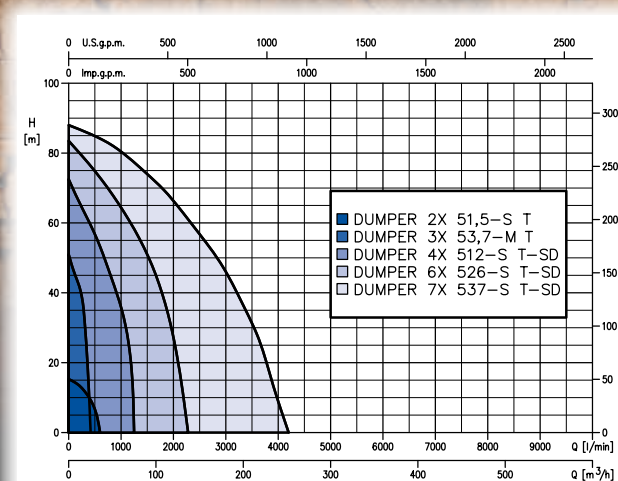
Construction

DUMPER

P U M P S R A N G E

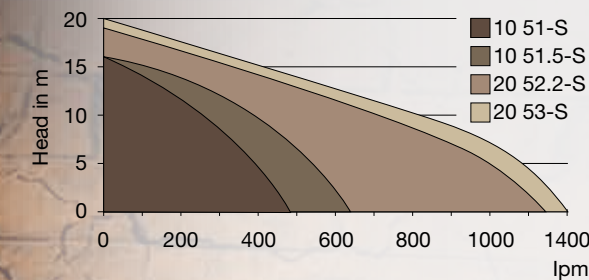


PERFORMANCE CURVES



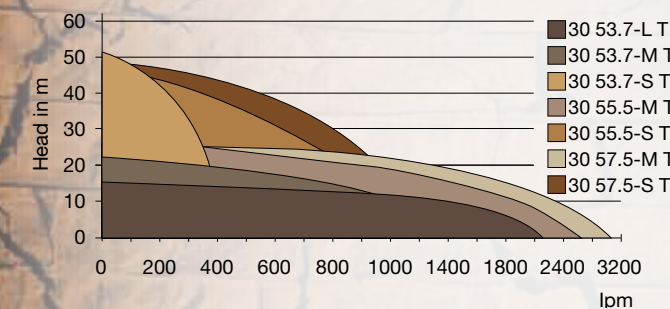
PERFORMANCE CHARTS

DUMPER 10 & 20



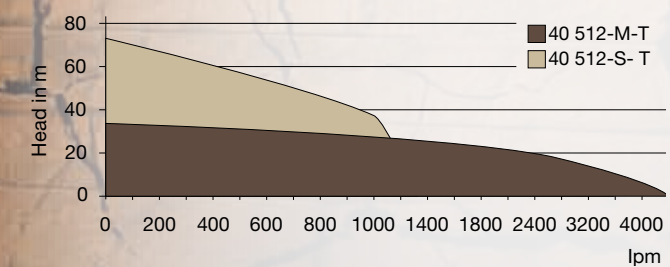
Model	Top discharge	Motor kW	ph	Discharge mm	inch	Current (A) 1~ 230V	3~ 400V	Dimensions H	W	Strainer Hole size	Weight kg
10 51-ST	1	3	50	2		2,3		419	160	6,3	16
10 51.5-ST	1.5	3	50	2		3,9		432	160	6,3	18
20 51.5-SM-NC	1.5	1	50	2	12			667	190	6,3	35
20 52.2-SM-NC	2.2	1	75	3	19			724	190	6	40
20 52.2-ST	2.2	3	75	3		5,5		667	190	6	35
20 53-ST	3	3	75	3		5,5		699	190	6	36

DUMPER 30



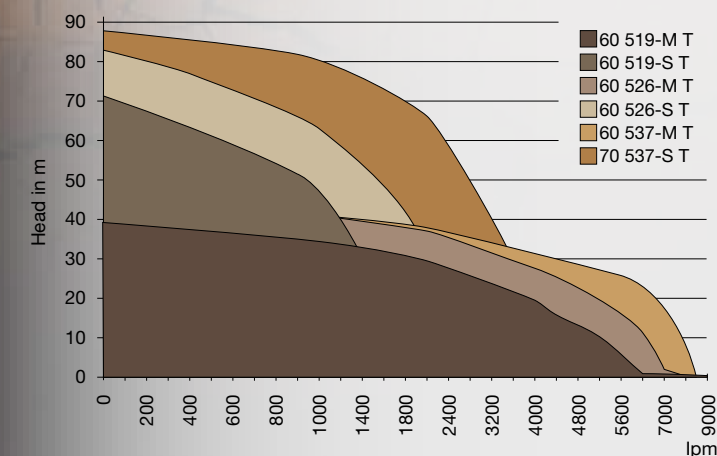
Model	Top discharge	Motor kW	ph	Discharge mm	inch	Current (A) 3~ 400V	Dimensions H	W	Strainer Hole size	Weight kg
30 53.7-S T	3.7	3	75	3		8,1	640	276	6	52
30 53.7-M T	3.7	3	75	3		8,1	640	276	25x6	50
30 53.7-L T	3.7	3	100	4		8,1	640	276	25x6	50
30 55.5-S T	5.5	3	75	3		12,5	725	276	6	61
30 55.5-M T	5.5	3	100	4		12,5	725	276	30x9,5	59
30 57.5-S T	5.7	3	75	3		16	750	276	6	67
30 57.5-M T	5.7	3	100	4		16	750	276	30x9,5	64

DUMPER 40



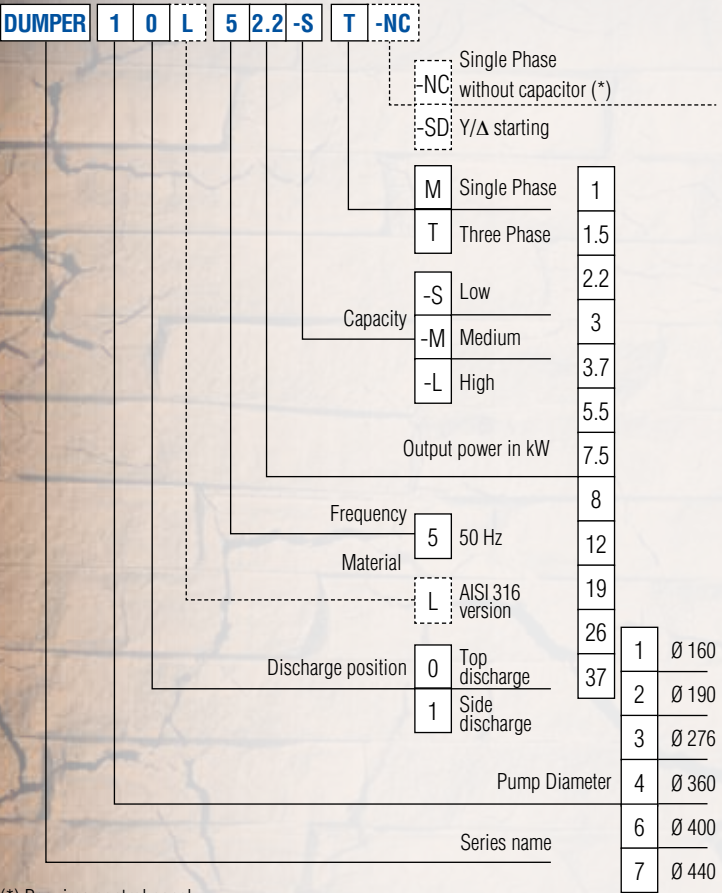
Model	Top discharge	Motor kW	ph	Discharge mm	inch	Current (A) 3~ 400V	Dimensions H	W	Strainer Hole size	Weight kg
40 512-S T	12	3	100	4		25	845	360	10	140
40 512-M T	12	3	150	6		25	845	360	25,5x5	127

DUMPER 60 & 70



Model	Top discharge	Motor kW	ph	Discharge mm	inch	Current (A) 3~ 400V	Dimensions H	W	Strainer Hole size	Weight kg
60 519-S T-SD	18.5	3	100	4		39	915	400	10	186
60 519-M T-SD	18.5	3	150	6		39	915	400	25,5x10	180
60 519-S T	26	3	150	6		51	1029	400	10	238
60 526-M T-SD	26	3	200	8		51	1029	400	25,5x10	232
60 537-M T-SD	37	3	200	8		62E	1055	400	25,5x10	248
70 537-S T-SD	37	3	150	6		62	1055	440	13	385

PUMP IDENTIFICATION CODE



(*) Requires control panel

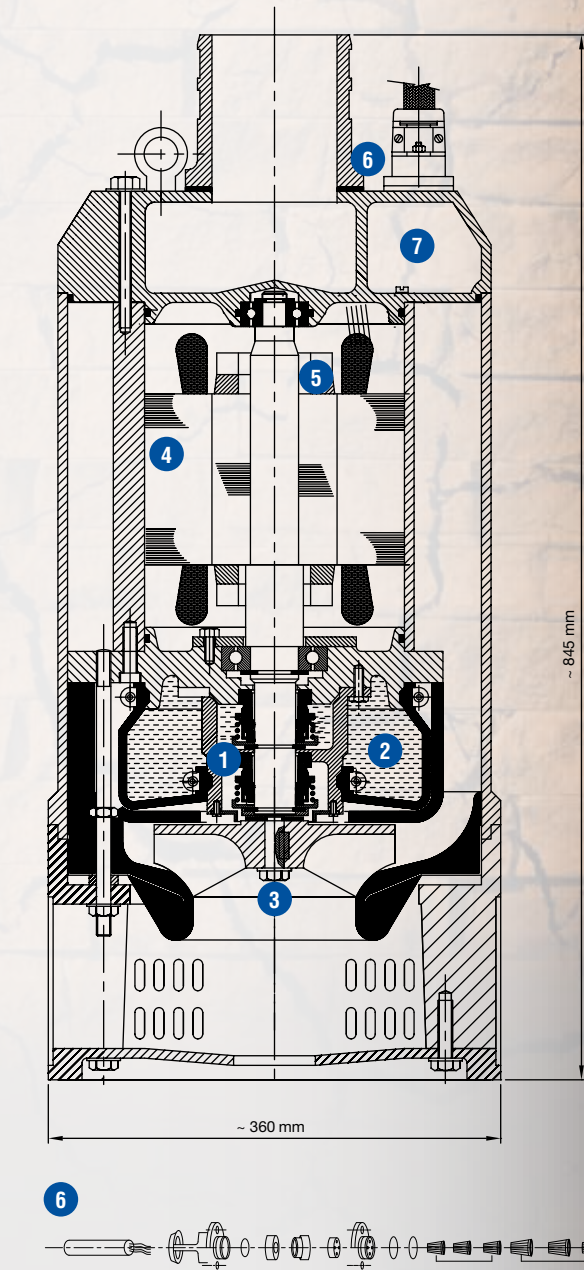
MATERIALS TABLE

	AXIAL	AXIAL AISI 316	RADIAL
Outer casing	ALUM./STEEL	AISI 316	ALUM./STEEL
Stator casing	ALUM.	AISI 316	ALUM.
Strainer volume	AISI 304	AISI 316	AISI 304
Wearing plate	NBR coated	AISI 316	NBR coated
Diffuser	NBR coated	AISI 316 *	NBR coated
Impeller	AISI 410 hardened	AISI 410 hardened	AISI 410 hardened
Shaft	AISI 431	AISI 431	AISI 431
Tandem mech.seal	TUNGST./ TUNGST.	SIC/SIC	TUNGST./ TUNGST.
O-ring	NBR	FPM	NBR
Hardware	AISI 304	AISI 316	AISI 304
Cable type	H07RN-F	H07RN-F	H07RN-F
Oil	FOOD GRADE	FOOD GRADE	FOOD GRADE
Ball bearings	RADIAL/ANGULAR	RADIAL/ANGULAR	RADIAL/ANGULAR

(*) Not available in all models

MATERIALS AND TECHNICAL FEATURES

- 1 Double mechanical seal on all pump line.
- 2 Compensating oil bag for mechanical seals.
- 3 On site adjustable efficiency compensating device.
- 4 Zinc anodes to protect casing from salty aggressive water.
- 5 Heavy duty H class insulation motors, ready for the hardest working conditions.
- 6 Double gromet water isolation for electric cable. Metal sleeve of around 1 m lenght (standard starting from 2.2 kW).
- 7 Built in automatic ON/OFF thermal overload copy to be connected to the control panel's contactor.



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DEWATERING PUMPS

50 Hz

