



DUMPER

GENERAL FEATURES

Dumper pump line, is the answer to dewatering problems and needs.

The features included on standard axial/side discharge version, make this pump line suitable both for contracting and industrial applications.

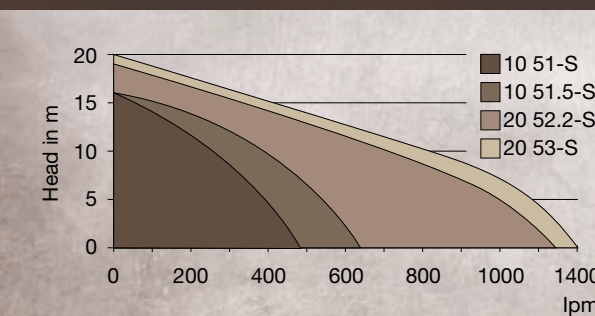
316 stainless steel line and the several available options, positions this range on the highly severe industrial application side including mining.

Robust but light material construction, complete the construction philosophy that aim to make user friendly this product in a very rough environment.



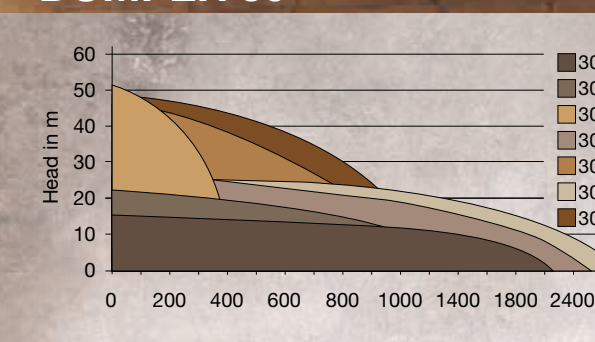
PERFORMANCE CHARTS

DUMPER 10 & 20



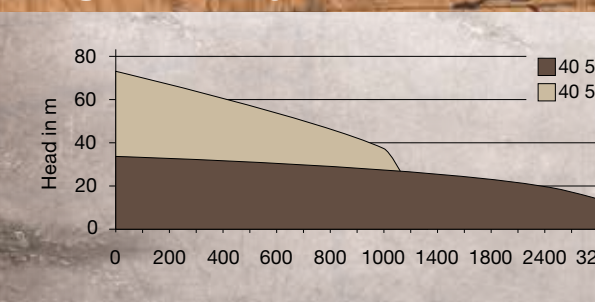
Model	Motor Top discharge	kW	ph	Discharge mm	inch	Current (A) 1- 230V	3- 400V	Dimensions H	W	Strainer Hole size	Weight kg
10 51-ST	1	3	50	2		2,3		419	160	6,3	16
10 51.5-ST	1.5	3	50	2		3,9		432	160	6,3	18
20 51.5-SM-NC	1.5	1	50	2	12			667	190	6,3	35
20 52.2-SM-NC	2.2	1	75	3	19			724	190	6	40
20 52.2-ST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



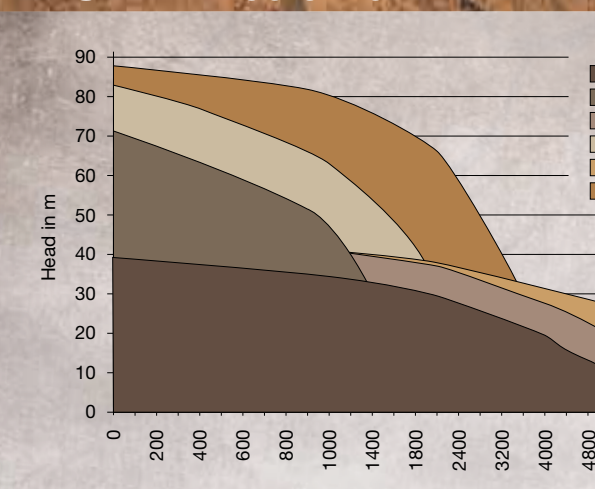
Model	Motor Top discharge	kW	ph	Discharge mm	inch	Current (A) 3- 400V	Dimensions H	W	Strainer Hole size	Weight kg
30 53.7-S T	3.7	3	75	3		8,1	640	276	6	52
30 53.7-M T	3.7	3	75	3		8,1	640	276	25x6	50
30 53.7-L T	3.7	3	100	4		8,1	640	276	25x6	50
30 55.5-S T	5.5	3	75	3		12,5	725	276	6	61
30 55.5-M T	5.5	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	Motor Top discharge	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	Motor Top discharge	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
60 526-S T-SD	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

APPLICATIONS:



Industrial



Tunneling



Construction



Mining

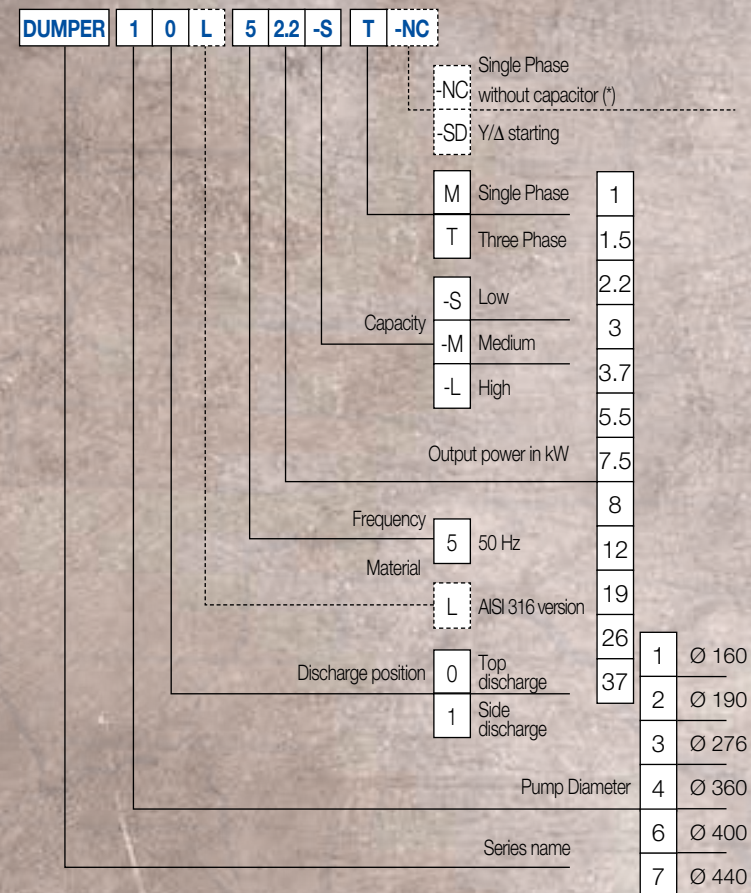
STANDARD TECHNICAL FEATURES:

- Range from 1 to 55kW (55kW on request)
- 1 meter metal cable sleeve (excluding DUMPER 10)
- Nitrile expanding rubber oil chamber for constant mechanical seal lubrication avoiding extra internal pressure in case of overheating
- TC/TC-TC/TC double mechanical seal
- Epoxy coated outer casing
- Zinc anodes
- Stainless steel discharge head
- H class insulation motors
- Service factor 1.15
- Inbuilt thermal protection
- Double dam water infiltration protection on cable connector
- Adjustable diffuser
- BSP discharge
- SD start 12 kW and up

OPTIONS (on request):

- All range available in 50/60Hz
- Wide motor voltage options (industrial mining applications)
- Electric cable screened type
- Electric cable different lengths
- DOL start from 12 kW up
- High chrome pump end with air valve
- Tandem connection adaptor (for axial discharge version only)
- Dual voltage
- Hose discharge

PUMP IDENTIFICATION CODE



(*) Requires control panel

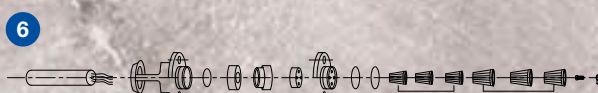
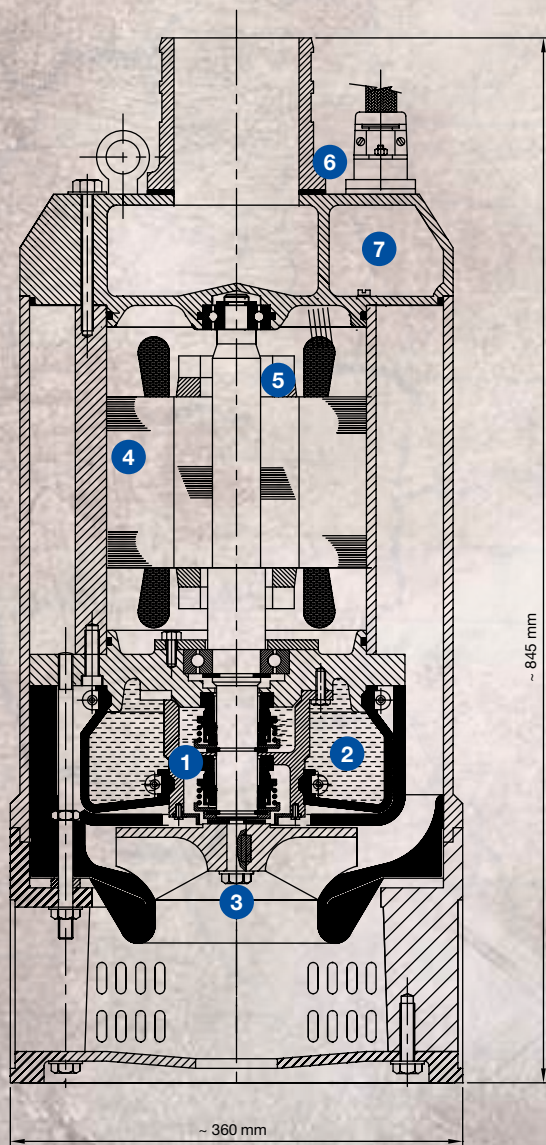
MATERIALS TABLE

	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

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



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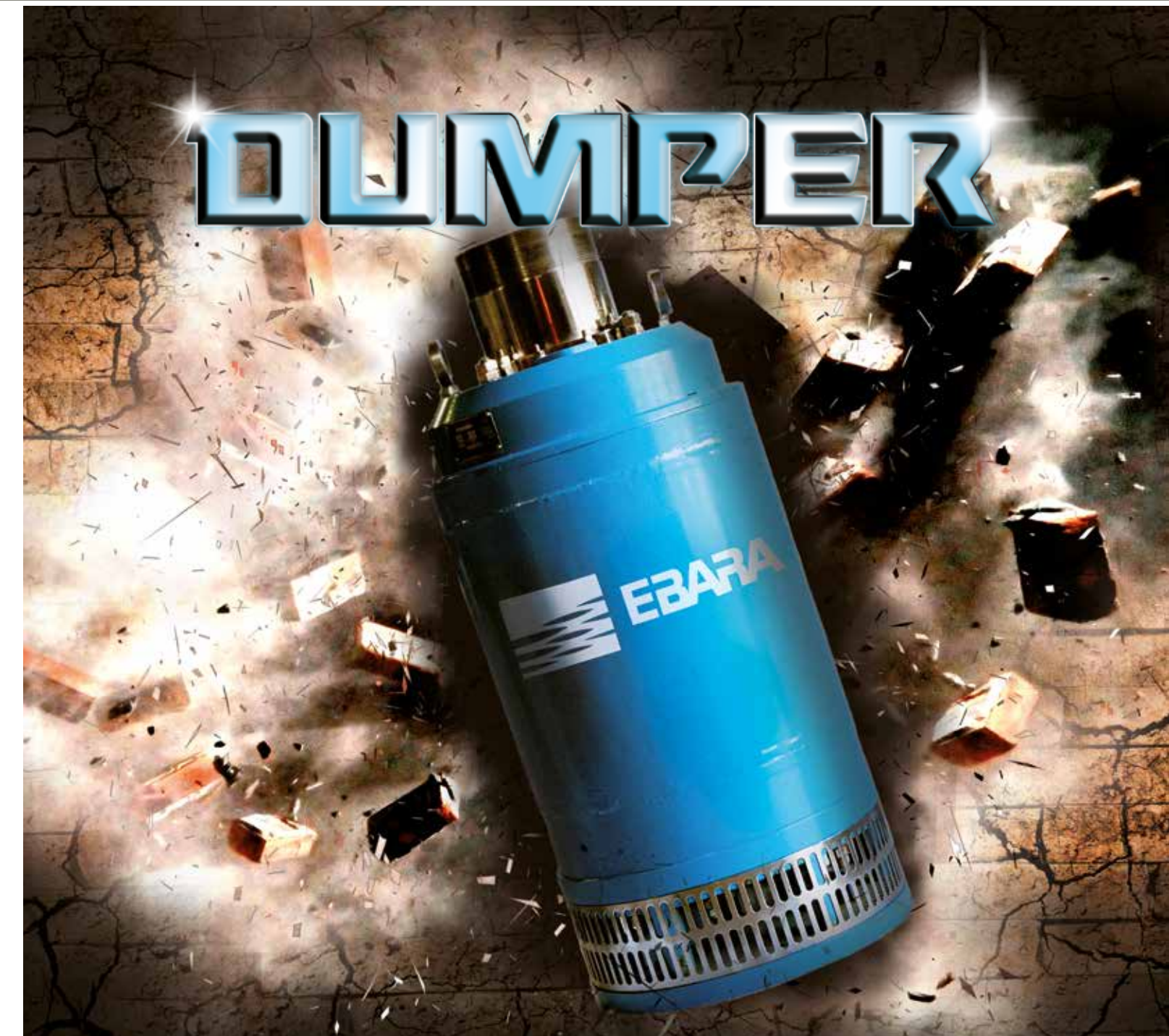
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DUMPER DEWATERING PUMPS

50 Hz



DEWATERING PUMPS