

ГОРИЗОНТАЛЬНЫЕ ШЛАМОВЫЕ НАСОСЫ СЕРИЙ M и L



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Астрахань (8512)99-46-04
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ГОРИЗОНТАЛЬНЫЕ ШЛАМОВЫЕ НАСОСЫ СЕРИЙ M и L



Product Features

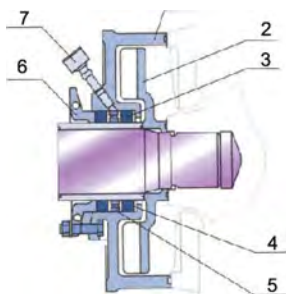
Type M pumps are cantilevered, horizontal, centrifugal slurry pumps. They are designed for handling abrasive or corrosive slurry in the metallurgical, mining, coal, power, building material and other industrial departments etc. AH(R),HH are also called heavy duty slurry pumps, are used to transport the strong abrasive high density or low density high head slurry. Under the allowable pressure, the pumps of this type also can be installed in multis series. HH type pump is mainly used for

transport low density high head or high density low abrasive high head slurry. M(R)is a kind of middle duty slurry pump, used to transport the fine particle size and middle density slurry. The liner and impeller of AH and M model can be changeable and material can be either anti-abrasive metal or rubber. But material of liner and impeller of HH model only can be metal version. Rubber material wet parts are mainly used for transport the slurry which contains fine, non-sharp particle size. The shaft seals for type AH(R),M(R),and HH pumps can be adoptable of gland seal, expeller seal and mechanical seal. The discharge can be positioned at intervals of 45 degrees by request and oriented to any eight positions to suit installations and applications.

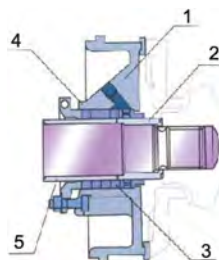
Type L pumps are cantilevered, horizontal, centrifugal slurry pumps, which are also called light duty slurry pump. They are suitable for delivering low abrasive low density slurry for metallurgical, mining, coal and building material departments. The shaft seal can adopt gland seal, expeller seal or mechanical seal.

Type L(R) pumps operate in high speed with small volumes and light weight to save floor area. It is mainly used to transport the slurry which contains fine particle size and weight concentration not more than 30%. The liner and impeller of this pump can be changeable, either with anti-abrasive metal or rubber material.

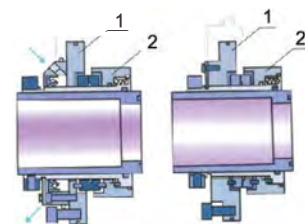
■ Shaft Seal Module Design



- | | |
|------------------|------------------|
| 1. Expeller Ring | 5. Lantern Ring |
| 2. Expeller | 6. Packing Gland |
| 3. Packing | 7. Oil Cup |
| 4. Neck Ring | |



- | |
|-----------------------|
| 1. Stuffing Box |
| 2. Lantern Restrictor |
| 3. Packing |
| 4. Packing Gland |
| 5. Shaft Sleeve |

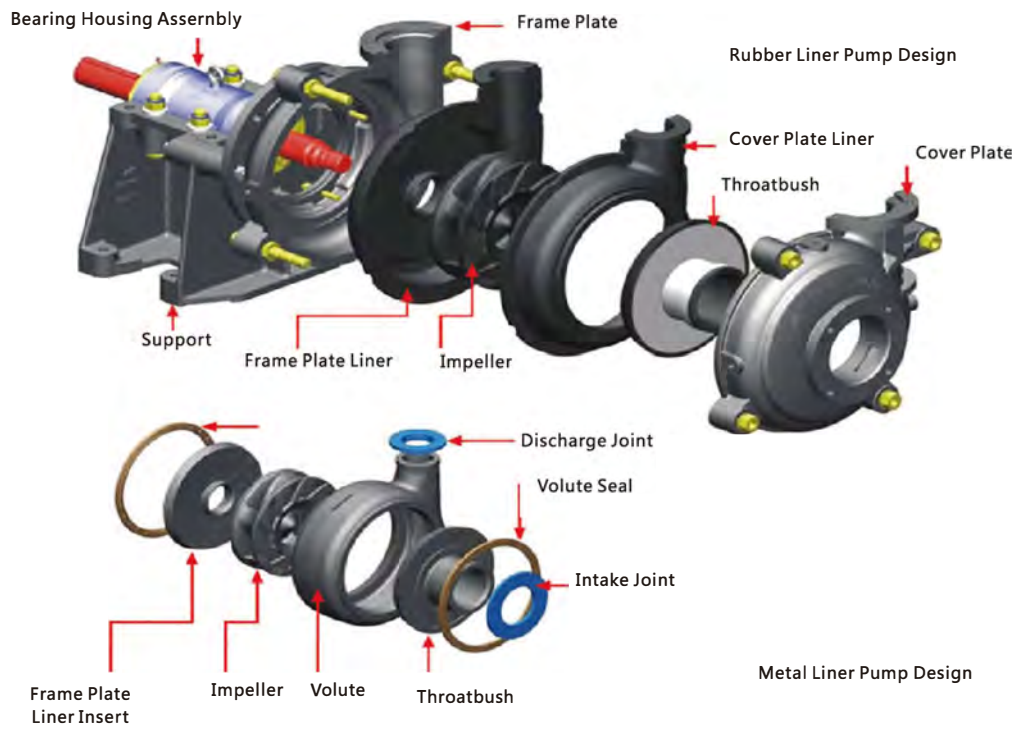


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|-----------------------------|
| 1. Stationary Ring Assembly |
| 2. Movable Ring Assembly |

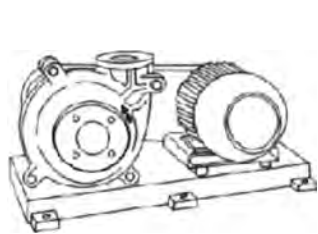
Support Type Description

Support Type	A	B	C	D	E	R	F	G	S	T
Allowable Max Power (kw)	7.5	15	30	60	120	300	260	600	560	1200
Support Weight(kg)	17	24	45	77.5	154	228	555	1006	546	1156
Shaft seal water volume (l/s)	0.15	0.25	0.35	0.55	0.70	0.70	0.70	1.20	1.20	1.60

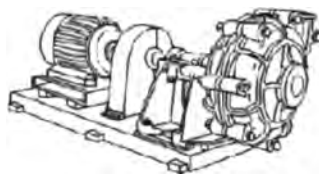
Construction Design



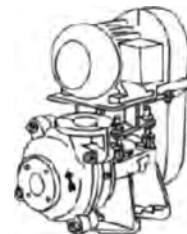
Transmission Type



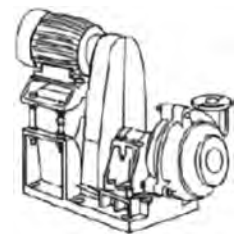
CRCL DRIVING TYPE



DCZ DRIVING TYPE



CV DRIVING TYPE



ZVZ DRIVING TYPE

Clear water performance								
Pump model	Allowable Max.Power (kw)	Capacity Q		Head H (m)	Speed n (r/min)	Max.EFF. (%)	NPSH (m)	Impeller Dia(mm)
		m ³ /h	L/S					
10/8E-M	120	540-1440	150-400	14-60	600-1000	73	4-10	549
10/8R-M	300	540-1440	150-400	14-60	600-1000	73	4-10	549
20A-L	7.5	2.34-10.8	0.65-3	6-37	1400-3000	40	2.5-3	152.4
50B-L	15	11.5-76	3.2-21.1	8.5-46	1400-2800	62	2.5-5.5	190
75C-L	30	18-151	5-42	4-46.4	900-2400	57	3-6	229
100D-L	60	46.8-324	13-90	7-48.3	800-1800	64	2-6	305
150E-L	120	115-568.8	32-158	10.5-51.8	800-1500	60	2.5-6	381
200E-L	120	234-910	65-235	9.5-40	600-1100	64	3-6	457
250E-L	120	396-1425	110-396	8-30	500-800	77	2-10	550

Remark:

1. Capacity range recommended: 50%Q5Q5 11 0Q3(Q Appropriate to capacity at highest efficiency point).
2. NPSH: appropriate to point Q recommended at highest speed.





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