Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70
Казахстан +7(7172)727-132
Киргизия +996(312)96-26-47

https://zrp.nt-rt.ru || zpr@nt-rt.ru

ZM(R) Series Middle Duty Sludge and Slurry Pump

- 

ZM(R) series middle duty sludge and slurry pump are single-stage, single-suction, cantilever, double casing and horizontal centrifugal slurry pump, applying to large flow, low concentration and lower head operating conditions. Under low speed, ZM type slurry pump can transmit strong abrasion and high density slurry. When compared with WX type slurry pump of equivalent diameter, ZM type is smaller, lighter and higher in cost performance, being widely used in metallurgy, electric power, chemical industry, mining, papermaking, building materials and other industries.

Parameter

Caliber (inch)	8"-10"
Maximum flow	1386m³/h
Maximum head	63m
Rotation	500-1000r/min
Power	120-260kw

For details see clear water performance table on the bottom.

ZM(R) clear water performance table

Model	Maximum motor power (KW)	Material		Clear water performance				
		Liner	Impeller	Capacity Q		Head	Speed	Efficiency	NPSH
				(m³/h)	(l/s)	(m)	(r/min)	η%	(m)
10/8E-ZM	120	M	M	446~1325	124~368	14~63	600~110	73	3~14
10/8E-ZMR		RU	RU	277~1088	27~322	11~43	500~900	79	3~10
12/10F-ZM	260	M	M	468~1386	130~385	9~47	500~1000	73	3~10
12/10F-ZMR		RU	RU	522~1278	140~355	10~39	500~900	73	5~10

Structural features

1. With large diameter and short cantilever, the rigidity of the shaft is ensured to make the pump applicable to high power and severe operating conditions.
2. The hardened stainless shaft sleeve and the shaft is cooperated by clearance fit and the both ends equip O-ring to prohibit the shaft from abrasion and corrosion.

3. Both the front and back cover board of the impeller are equipped with auxiliary blade to reduce return flow and the sealing pressure. The impeller also uses wide-runner, blade concave and other methods to improve the ability of conveyance and anti-abrasion for extending its service life.

4. The pump casing and cover adopt ductile iron, coupled with strengthening rib, to ensure the ability of withstanding high pressure.

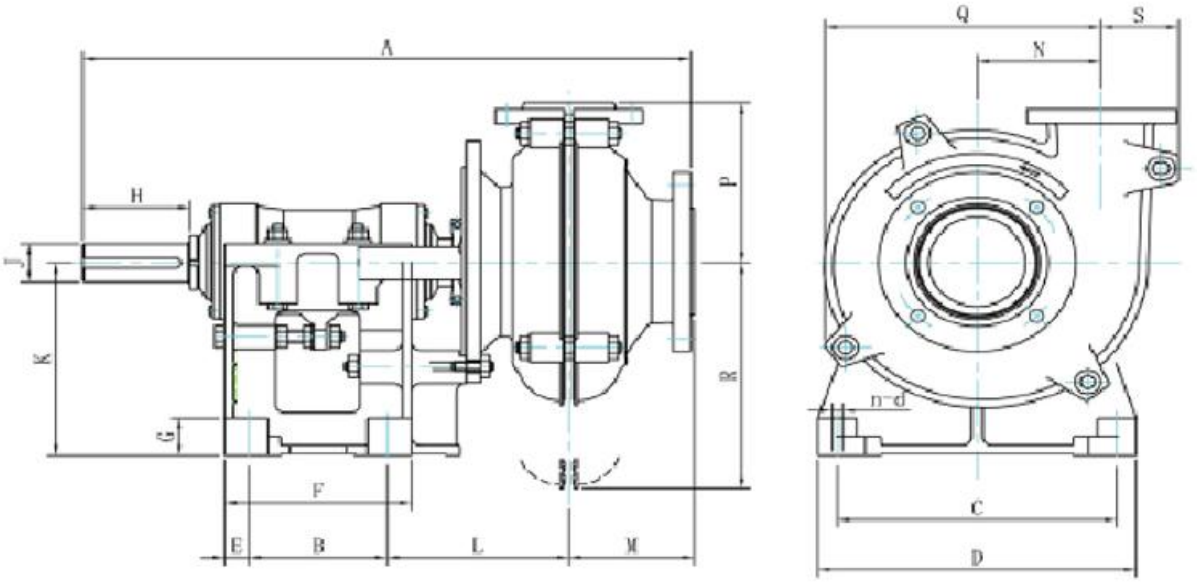
5. The overcurrent parts that are made by various high Cr anti-abrasive alloys or rubber of different performance, have features of anti-abrasive, anti-corrosion, impact resistance, scouring resistance, etc. The metal overcurrent component and the rubber one can be used interchangeably or in mixed way to satisfy the need of different operating conditions.

6. We provide packing seal, auxiliary impeller seal, mechanical seal and other seal types for shaft seal to meet the need of different operating conditions.

7. The position of the pump outlet can be installed by rotating 8 different angles (with an interval of 45 degrees) according to the need.

8. Oil lubrication and grease lubrication are supplied for the bearing assemblies. The oil lubrication components can effectively lower the operation temperature to reduce the trouble caused by the too high bearing temperature. The grease lubrication components are of simple structure, reliable operation, and easy installing, commissioning and maintenance.

Outline drawing



Outline Dimensions

Model	A	B	C	D	E	F	H	J	K	M	N	S	T	V	Q	R	P	Suction flange				Discharge flange				The anchor hole	Weight（Kg）	
																		O.D	I.D	P.C.D	HOLES	O.D	I.D	P.C.D	HOLES		Metal	Rubber
10/8E-ZM(R)	1343	257	546	622	54	448	220	80	457	306	381	613	76	413	451	540	401	445	250	394	8-Φ22	382	200	337	8-Φ22	4-φ29	1625	1164
12/10F-ZM(R)	1549	349	762	857	95	636	280	100	610	324	438	696	98	451	476	603	470	552	305	495	8-Φ32	483	254	425	8-Φ32	4-φ35	1998	1340