



ZQ Submersible Sludge Pump



Application Conditions

- (1) Medium temp.: $\leq 40^{\circ}\text{C}$
- (2) Specific Gravity : ≤ 1.2
- (3) Medium PH: 6—9
- (4) Max. Submerged Depth : 5m
- (5) Motor must be submerged or cooled with water
- (6) Not allowed to be submerged in mud or silt.

Type ZQ is designed for application with high content slurries with abrasive solids from thermal power plants, mines, metallurgy, coal industry and building materials etc..

It's a single stage ,single suction ,vertical ,centrifugal submersible construction that shall be free of cavitations concern and easy for installation and movements.

V-FLO PUMPS & SYSTEMS COMPANY LIMITED

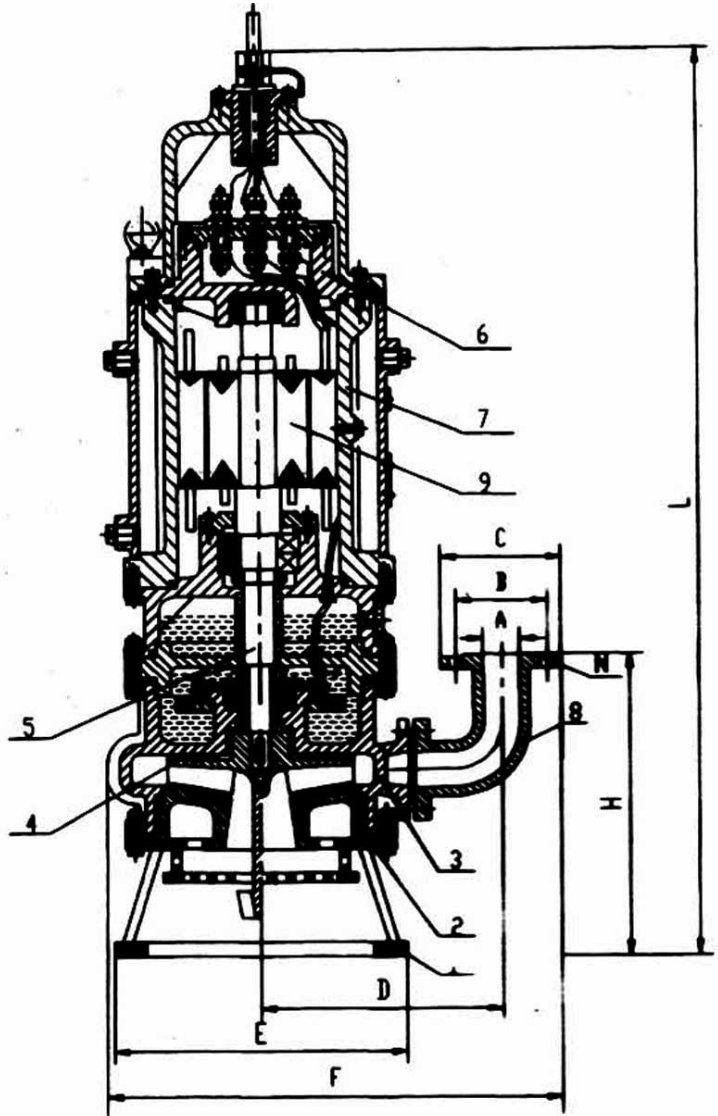
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Nomenclature

Model: 200ZQ-20
 20— Head (m)
 Q— Submersible Pump
 Z— Sludge Pump
 200: Outlet Dia. (mm)

Configuration

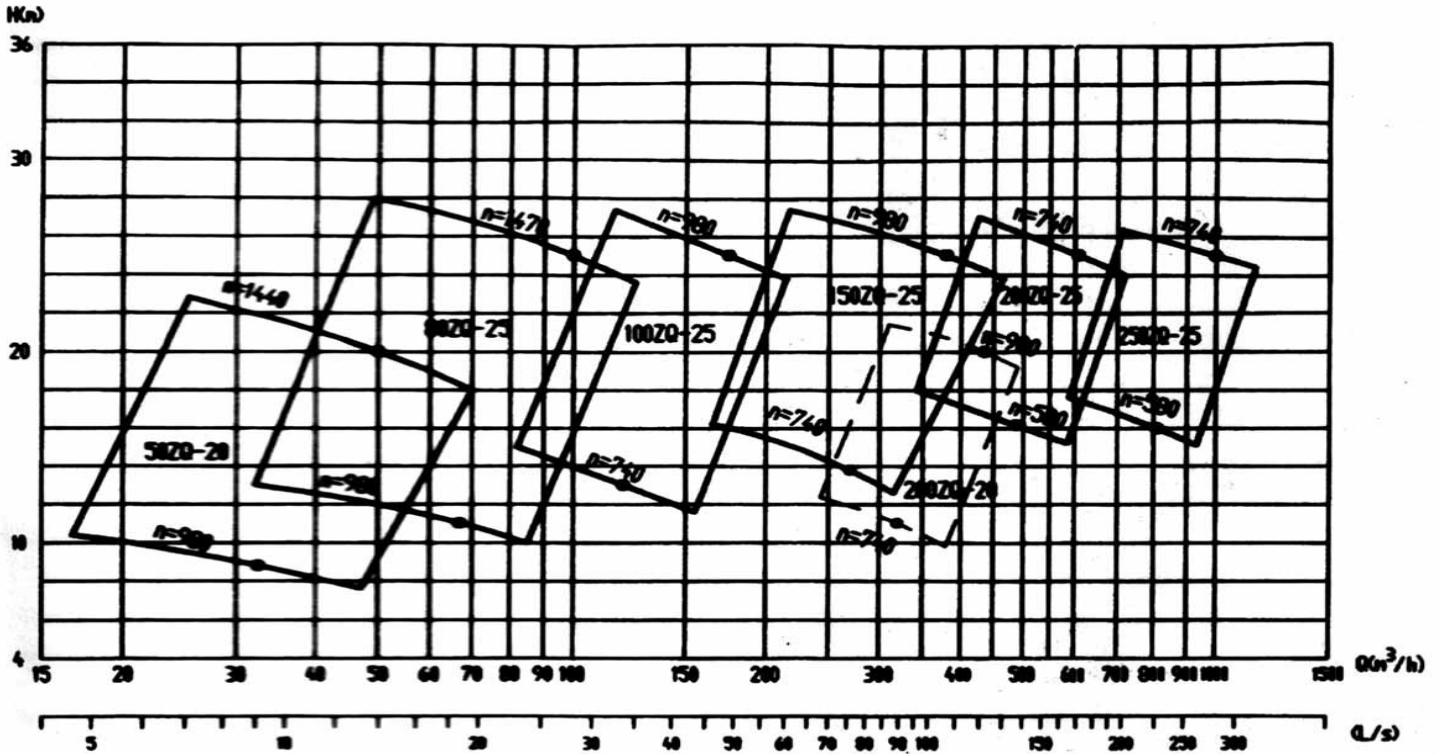
1. Strainer
2. Cover
3. Pump Casing
4. Impeller
5. Shaft
6. Motor Upper Cover
7. Motor Casing
8. Discharge Pipe
9. Rotor



Outline & Installation Dimensions

Model	Dimensions									
	A	B	C	D	E	F	H	L	N	
50ZQ-20	50	125	165	328	400	610	406.6	1235	4-φ18	
80ZQ-25	80	160	200	410	600	813	433	1500	4-φ18	
100ZQ-25	100	180	220	503	700	911	669	1782	8-φ18	
150ZQ-25	150	255	295	658	700	1171	684	1820	8-φ18	
200ZQ-25	200	295	335	630	700	1142	680	1820	8-φ18	
250ZQ-25	250	335	370	683	920	1357.5	840	2299	8-φ18	

Performance Curves



Performance Data

Model	Capacity	Head	Speed	Voltage	Efficiency	Weight	Power
	Q	H	n	U	Y	W	Pg
	m ³ /h	m	rpm	v	%	kg	kw
50ZQ-20	30	20.5	1440	380	40	780	7.5
	50	20			53		
	60	19.5			50		
80ZQ-25	60	27	1470	380	48	1000	22
	100	25			60		
	120	24			57		
100ZQ-25	114	27	980	380	50	1500	37
	190	25			62		
	228	24			60		
150ZQ-25	216	27	980	380	55	2000	55
	360	25			68		
	432	23.5			66		
200ZQ-20	258	23.8	980	380	57	2000	55
	430	20			70		
	516	17.5			66		
250ZQ-25	600	26.5	740	380	62	4000	132
	1000	25			75		
	1200	24			72		



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