

DEFENDER

DEWATERING PUMP

Mixed Flow Volute Pump

**DEWATERING DIESEL PUMP
PORTABLE 2 WHEEL / 4 WHEEL**



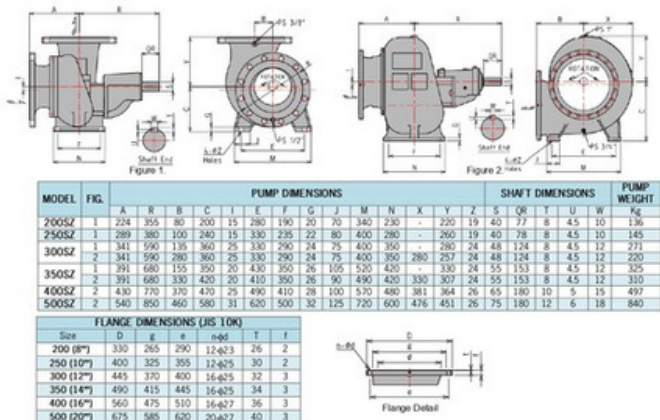
Mixed Volute Pump

Pump Brand : Ebara

Pump Type : SZ



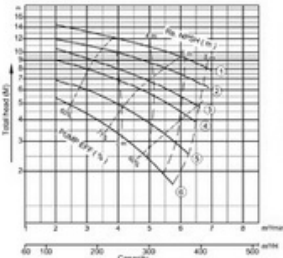
DIMENSIONS



2

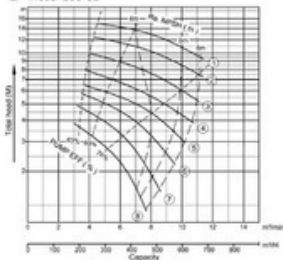
PERFORMANCE CURVE

1. Model 200 SZ



Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1750	15	20
2	1600	11	15
3	1500	11	13
4	1400	7.5	10
5	1250	5.5	7.5
6	1100	3.7	5.5

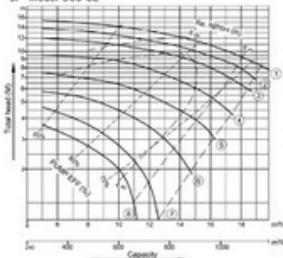
2. Model 250 SZ



Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1450	30	40
2	1320	22	30
3	1180	15	20
4	1060	11	15
5	980	11	13.5
6	900	7.5	10
7	830	5.5	7.5
8	750	3.7	5

Note:
No. 1 Direct Couple with electric motor

3. Model 300 SZ

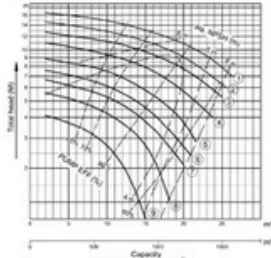


Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1240	45	60
2	1170	37	50
3	1100	30	40
4	980	22	30
5	880	15	20
6	780	11	15
7	690	7.5	10
8	620	5.5	7.5

3

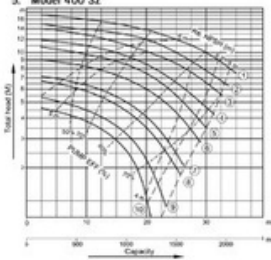
PERFORMANCE CURVE

4. Model 350 SZ



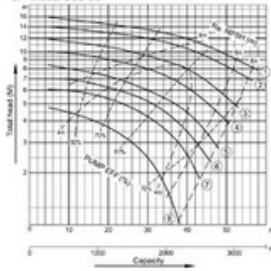
Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1070	55	75
2	1010	45	60
3	950	37	50
4	880	30	40
5	795	22	30
6	735	18.5	25
7	700	15	20
8	625	11	15
9	550	7.5	10

5. Model 400 SZ



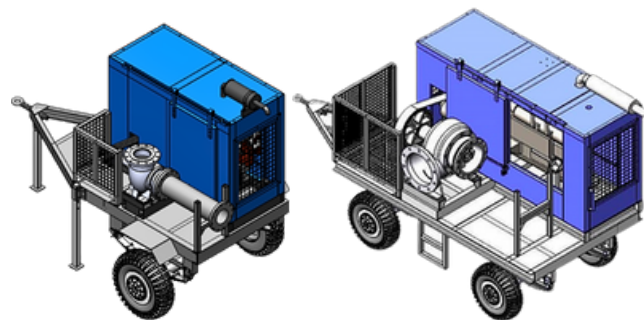
Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	930	75	100
2	880	60	80
3	825	55	75
4	775	45	60
5	730	37	50
6	685	30	40
7	610	22	30
8	590	18.5	25
9	530	15	20
10	490	11	15

6. Model 500 SZ



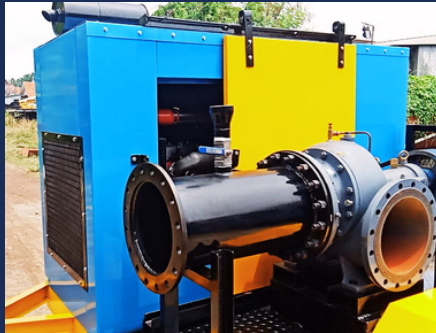
Pump Rotation, and Power Requirement			
Curve No	Pump Rotation (Rpm)	Motor Output (kW)	Engine Output (HP)
1	735	110	150
2	705	95	130
3	640	75	100
4	590	55	75
5	535	45	60
6	500	37	45
7	470	30	40
8	420	22	30

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DEFENDER

CUSTOM DESIGN



CAPACITY UP TO 3000 M3/H



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