

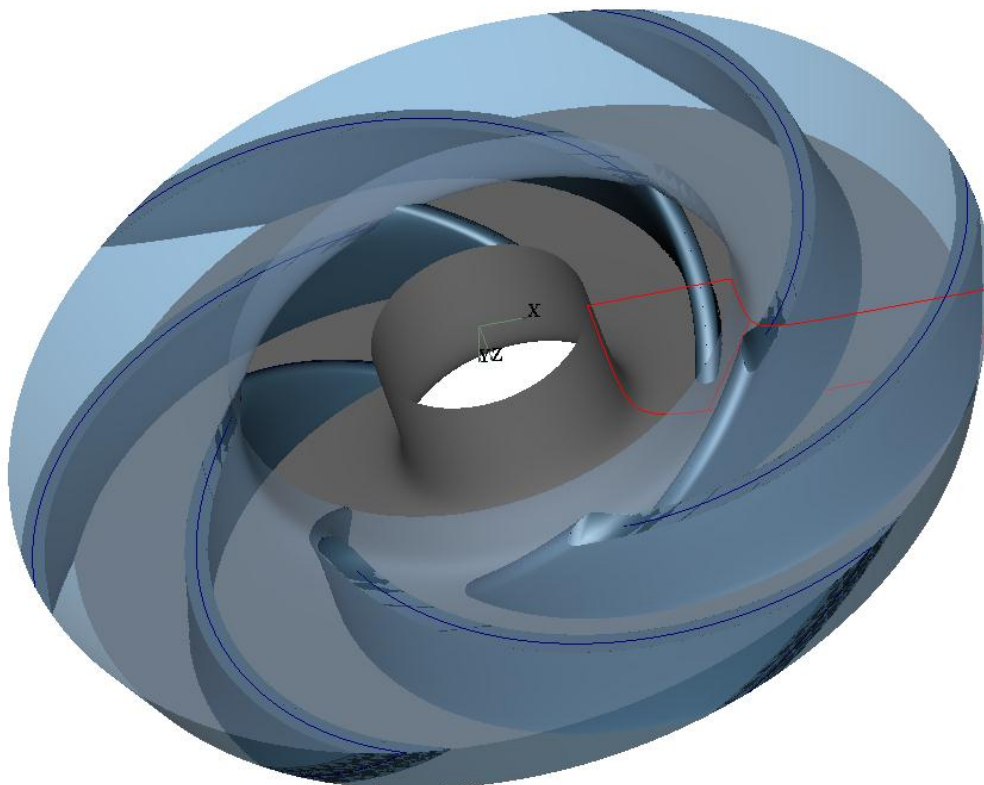
DETAILED BROCHURE - MR024B13

Technical Parameters

Model No	MR024B13
Type of flow	Radial flow
Borewell Size	6"
Flow Rate	024 m ³ /hr (400 LPM)
Head / Stage	13 Mtrs
Shut off Head	21.5 Mtrs
Power driven by pump / stage	1.1 KW (1.47 HP)
Pump Efficiency	78 %
Rated RPM	2880 @ 50 Hz
No. of Blades / Blade Shape	6 (CCW) / 3D
Production Method	Investment Casting
Compatible Diffuser Model No.	MRD024B013

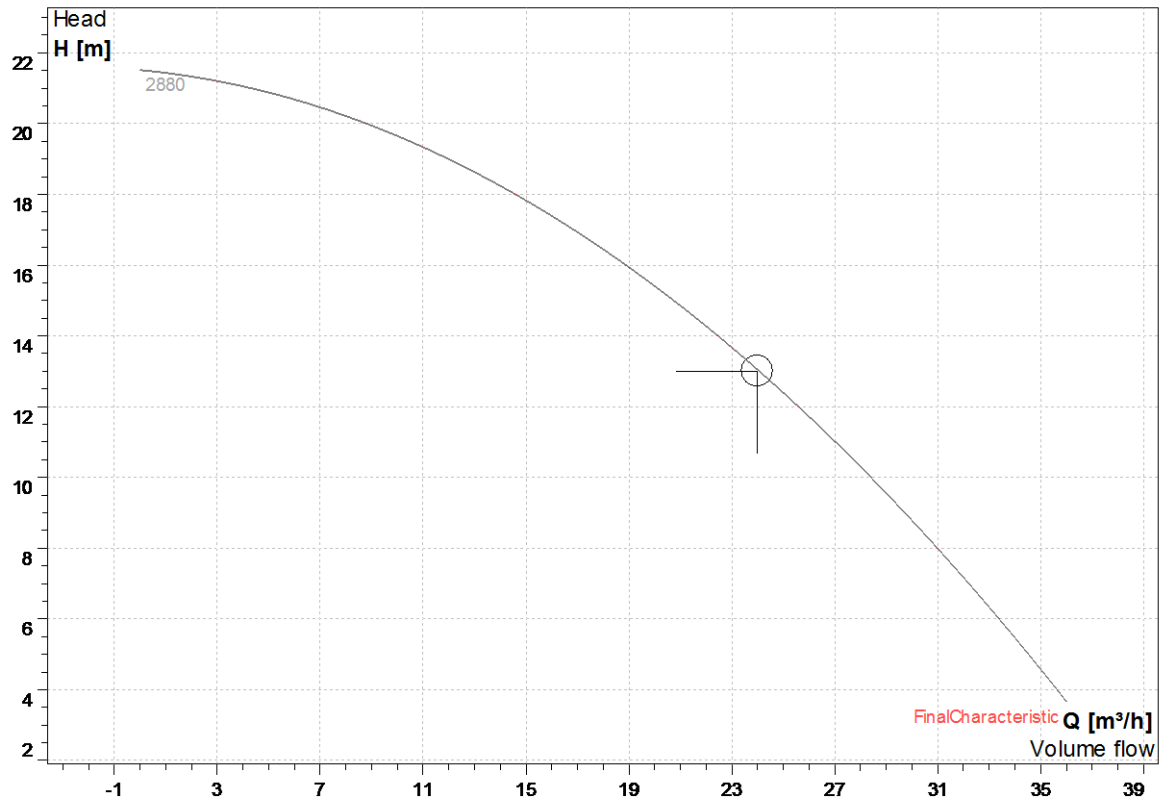
Pump Efficiency @ different Head				
	Head (Mtrs)	Flow Rate		Pump Efficiency (%)
		(m ³ /hr)	LPM	
1	13 (Duty Point)	024	400	78
2	11.70 (-10%)	27.4	457	76
3	16.25 (+25%)	19.3	322	75

Conceptual Design of Impeller

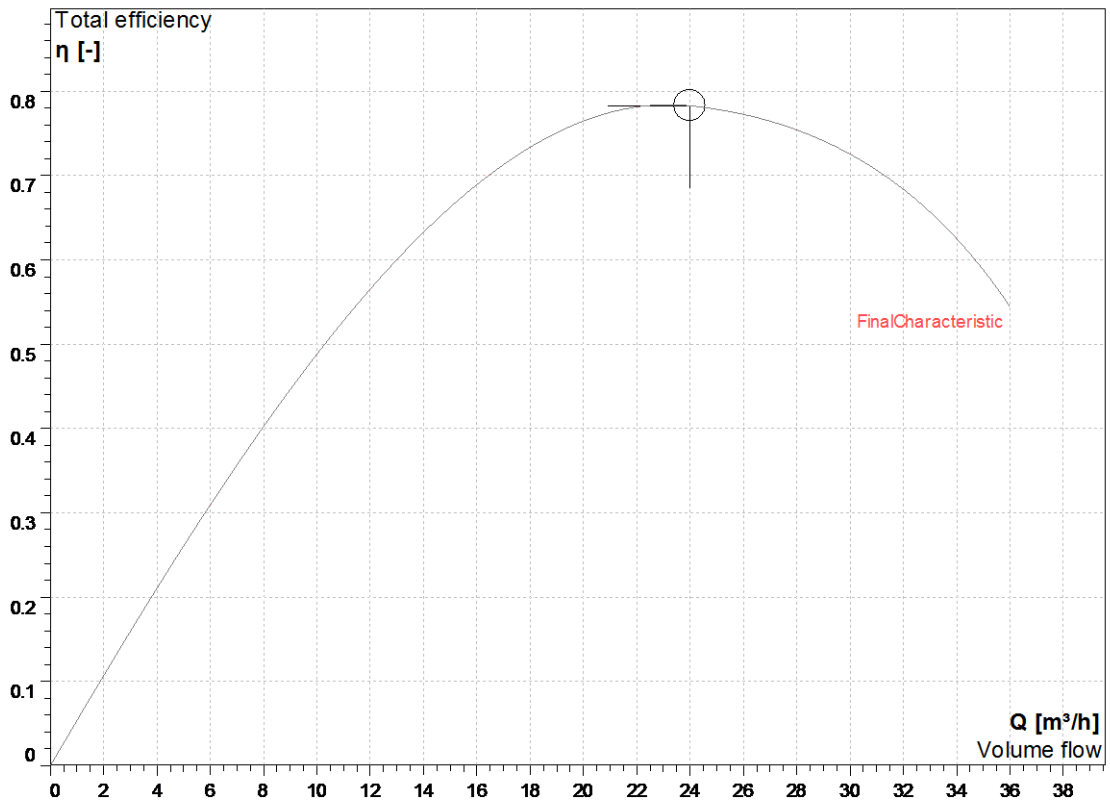


PERFORMANCE GRAPHS

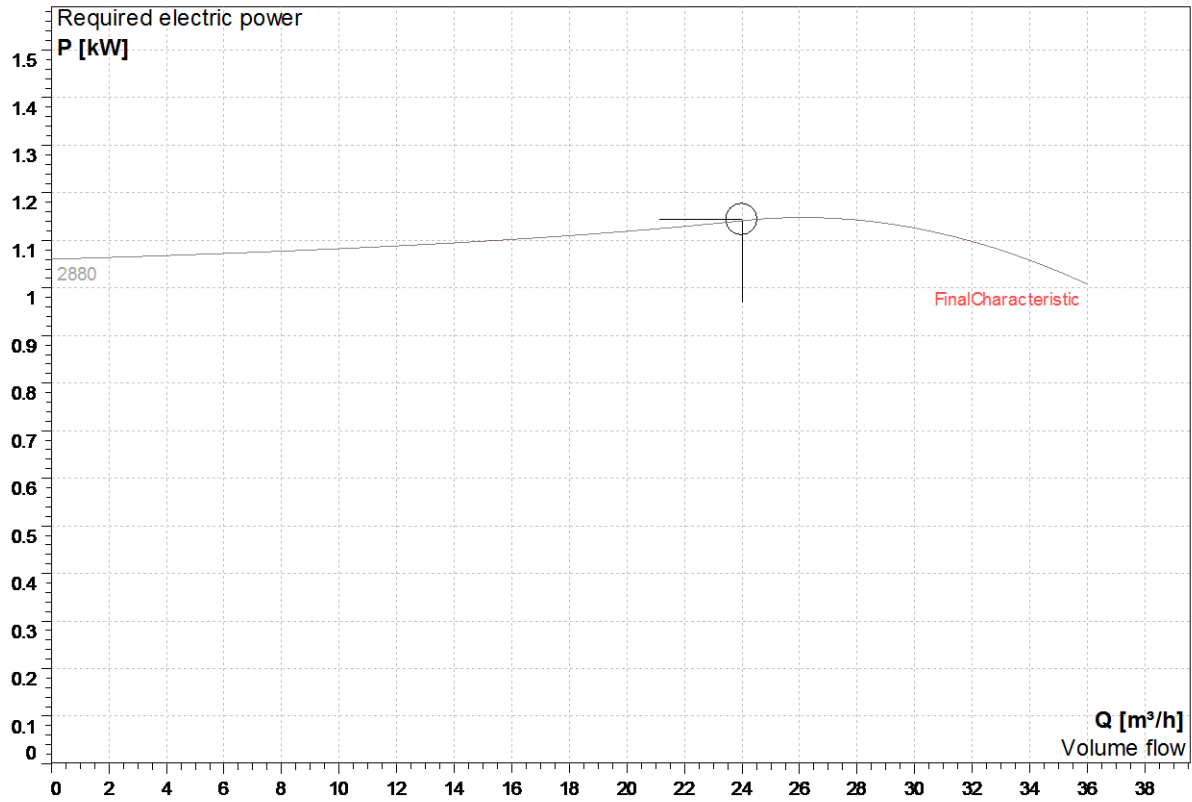
1. Volume Flow vs. Head



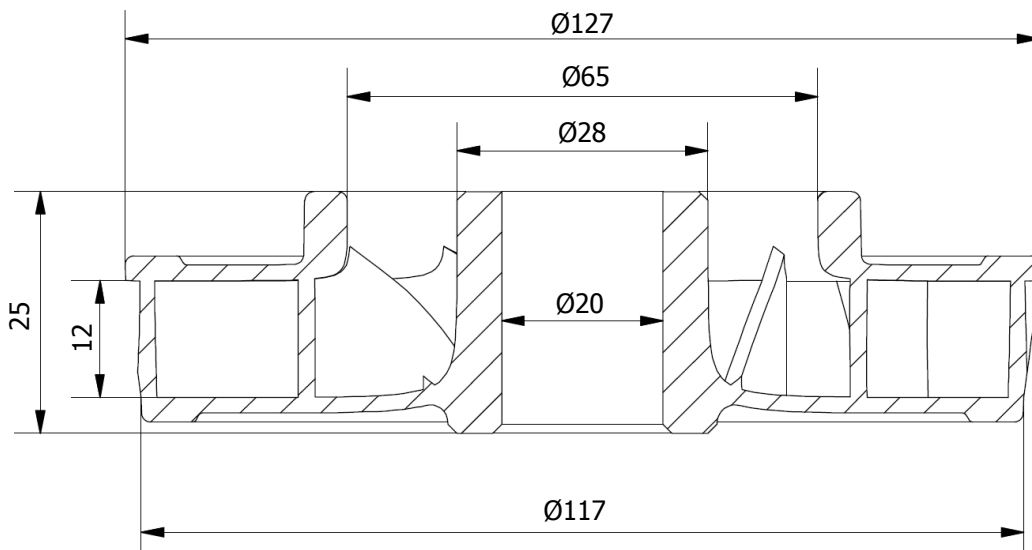
2. Volume Flow vs. Total Efficiency



3. Volume Flow vs. Required Driving Power



OVERALL DIMENSIONS (Not to Scale)



Note: All Dimensions are in mm.

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