

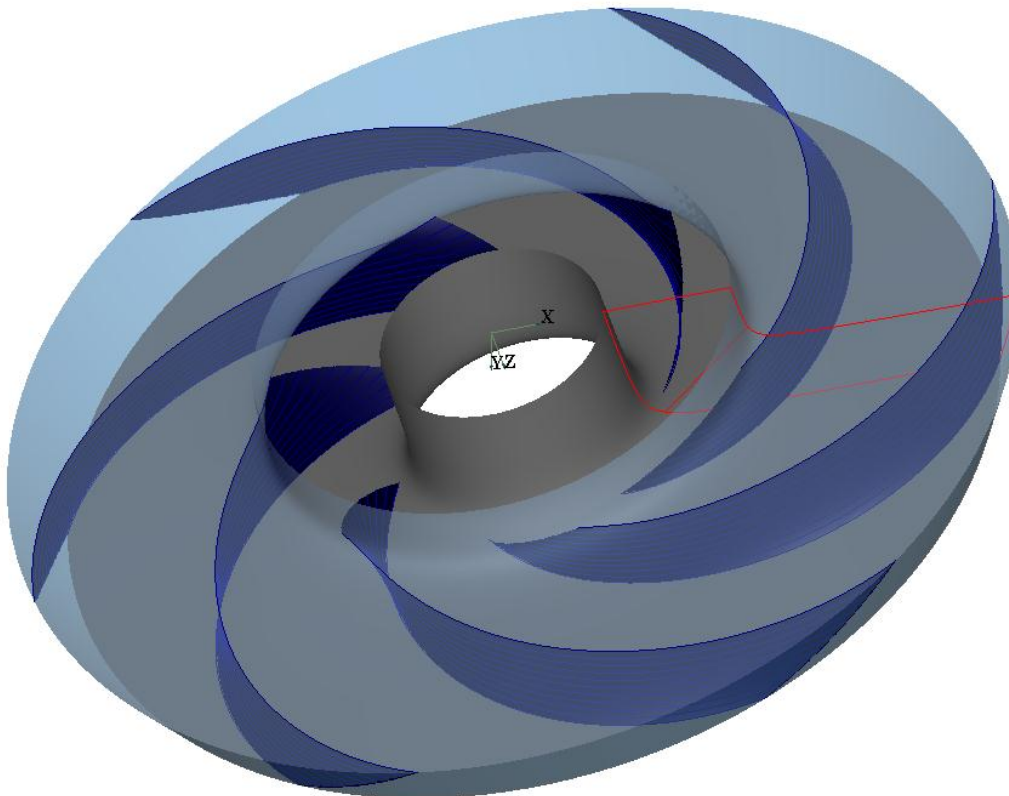
# DETAILED BROCHURE - MR020B13

## Technical Parameters

Model No	MR020B13
Type of flow	Radial flow
Borewell Size	6"
Flow Rate	020 m <sup>3</sup> /hr ( 333 LPM)
Head / Stage	13 Mtrs
Shut off Head	21.3 Mtrs
Power driven by pump / stage	0.932 KW (1.25 HP )
Pump Efficiency	76 %
Rated RPM	2880 @ 50 Hz
No. of Blades / Blade Shape	6 (CCW) / 3D
Production Method	Investment Casting
Compatible Diffuser Model No.	MRD020B013

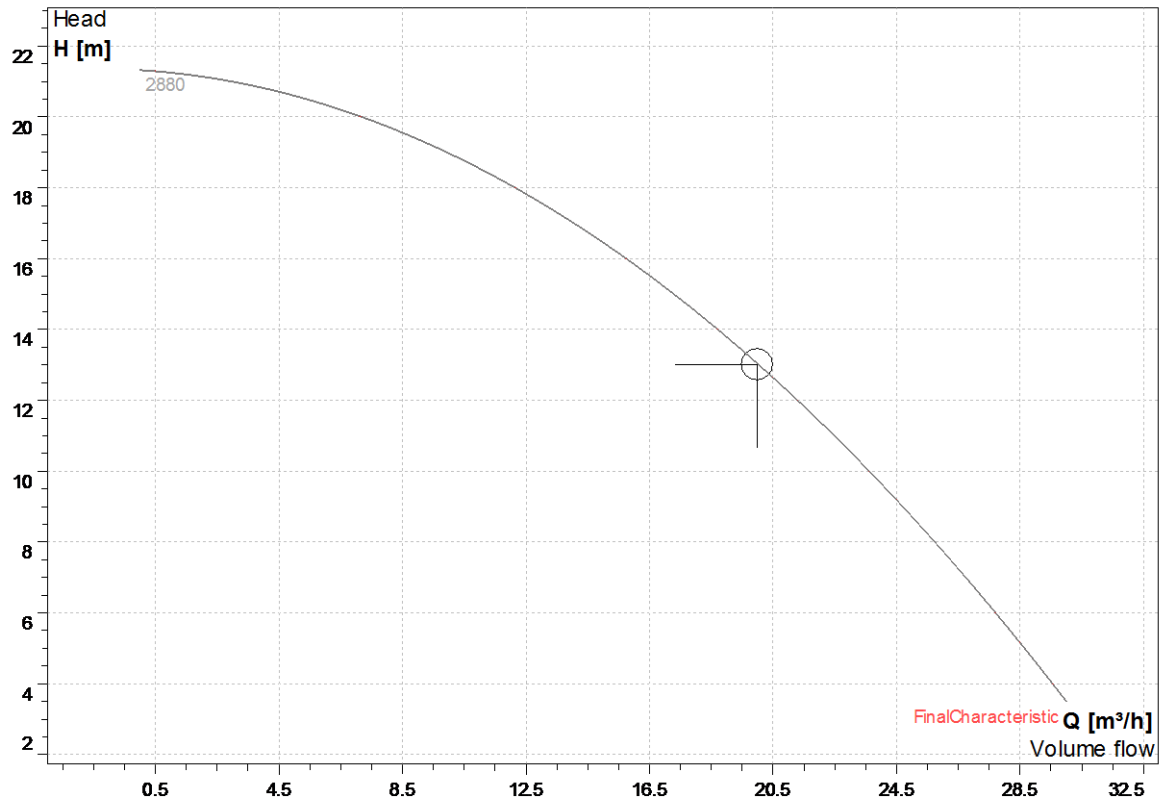
Pump Efficiency @ different Head				
	Head (Mtrs)	Flow Rate		Pump Efficiency (%)
		(m <sup>3</sup> /hr)	LPM	
<b>1</b>	13 (Duty Point)	020	333	76
<b>2</b>	11.70 (-10%)	23.1	385	73
<b>3</b>	16.25 (+25%)	16.41	273	73

## Conceptual Design of Impeller

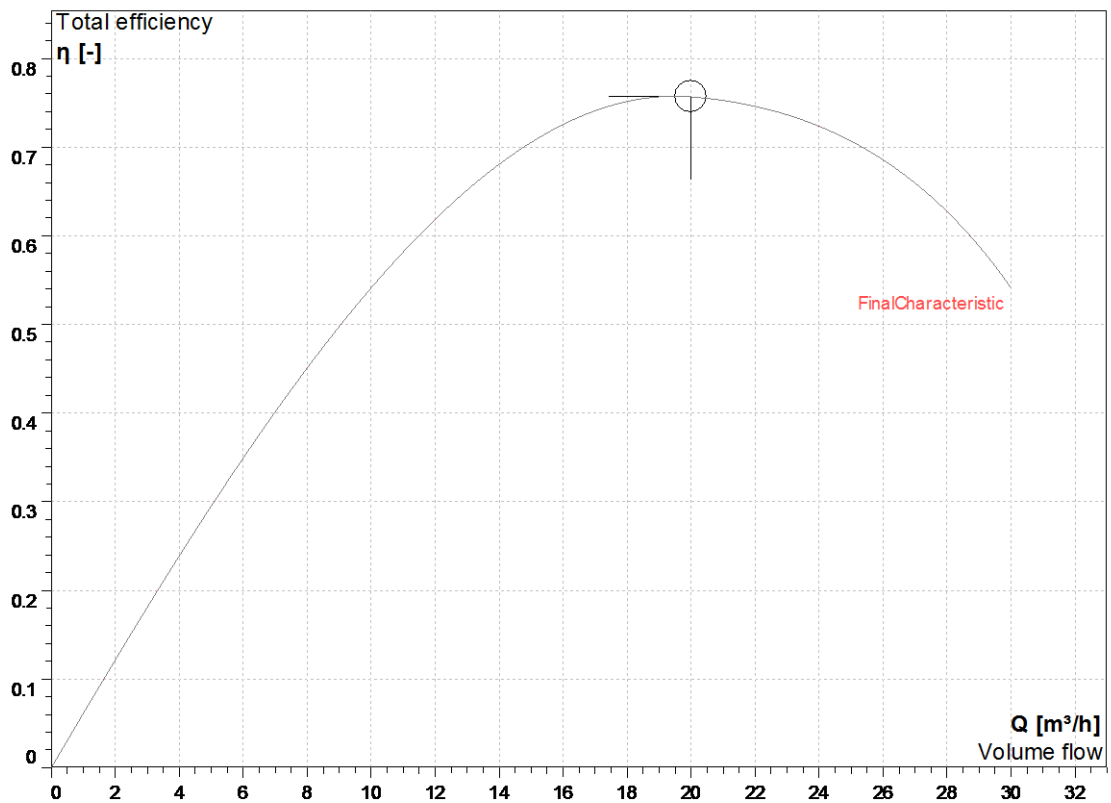


## PERFORMANCE GRAPHS

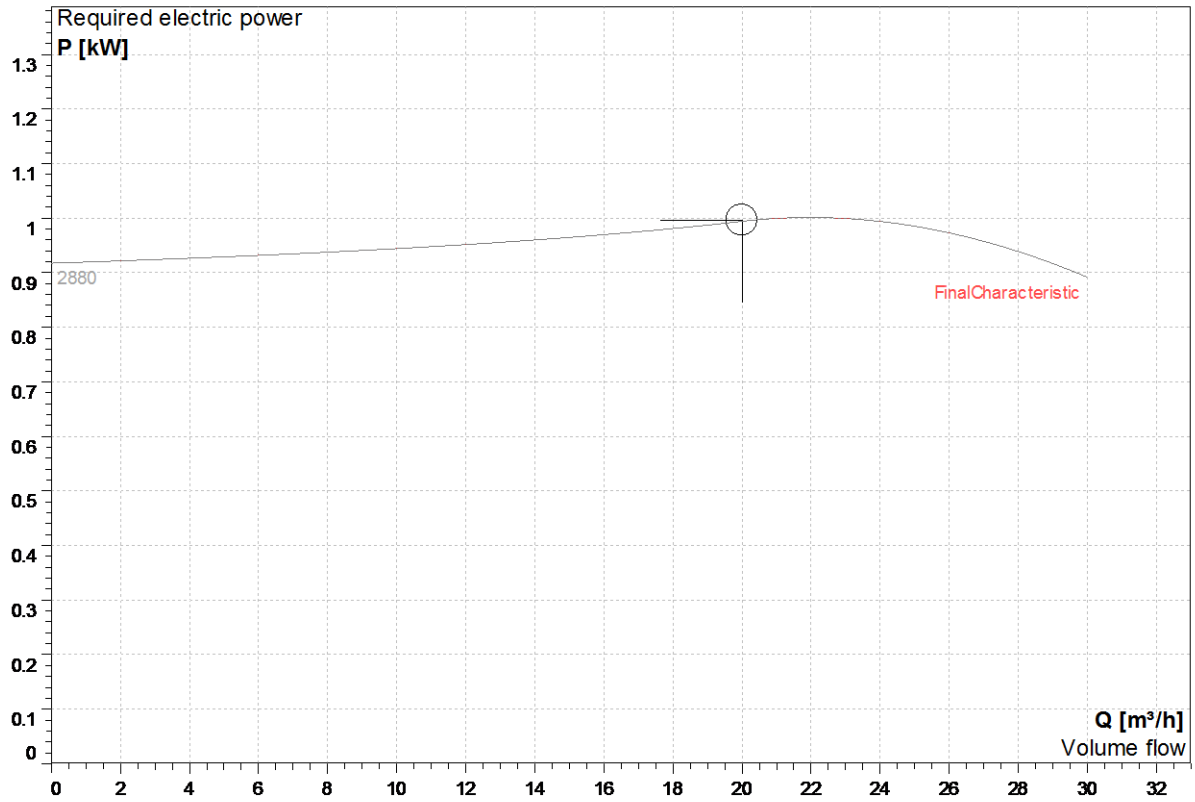
### 1. Volume Flow vs. Head



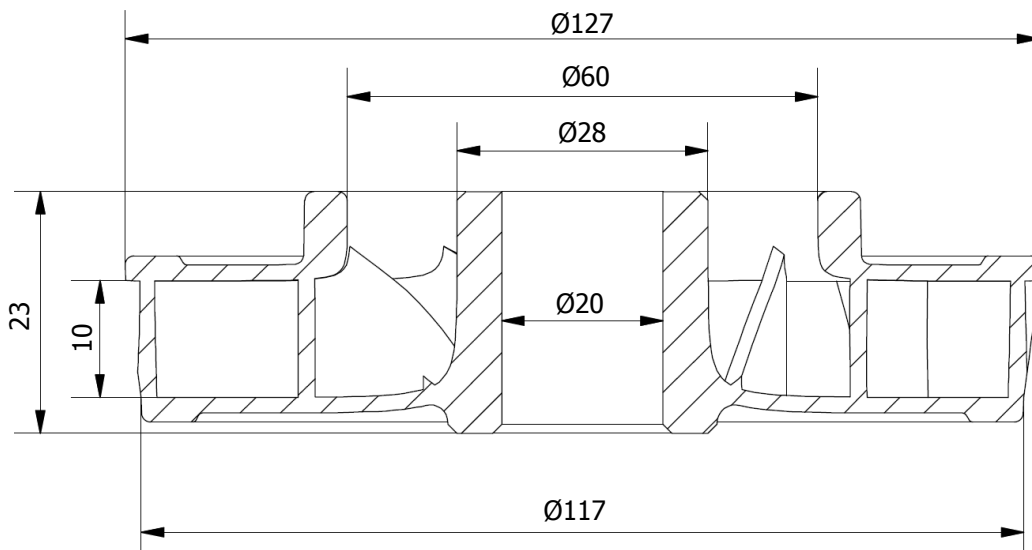
### 2. Volume Flow vs. Total Efficiency



### 3. Volume Flow vs. Required Driving Power



### OVERALL DIMENSIONS (Not to Scale)



**Note:** All Dimensions are in mm.

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