

Company: electropower
 Name: 65x40-200
 Date: 08/18/2025



Pump:

Size: T-CIP 65x40-200 **Dimensions:**
 Type: T-CIP Series Suction: 65 mm
 Synch Speed: 3000 rpm Discharge: 40 mm
 Dia: 209 mm
 Curve: ---

Fluid:

Name: Water
 SG: 1 Vapor Pressure: 0.0177 bar a
 Density: 999 kg/m³ Atm Pressure: 1.01 bar a
 Viscosity: 1.1 cP
 Temperature: 15.6 °C Margin Ratio: 1

Search Criteria:

Flow: --- Near Miss: ---
 Head: --- Static Head: 0 m

Pump Limits:

Temperature: --- Sphere Size: ---
 Wkg Pressure: ---

Motor:

Standard: IEC Size: 15 kW
 Enclosure: TEFC Speed: 3000 rpm
 Frame: 160MB
 Sizing Criteria: Max Power on Design Curve

Pump Selection Warnings:

None

--- Duty Point ---

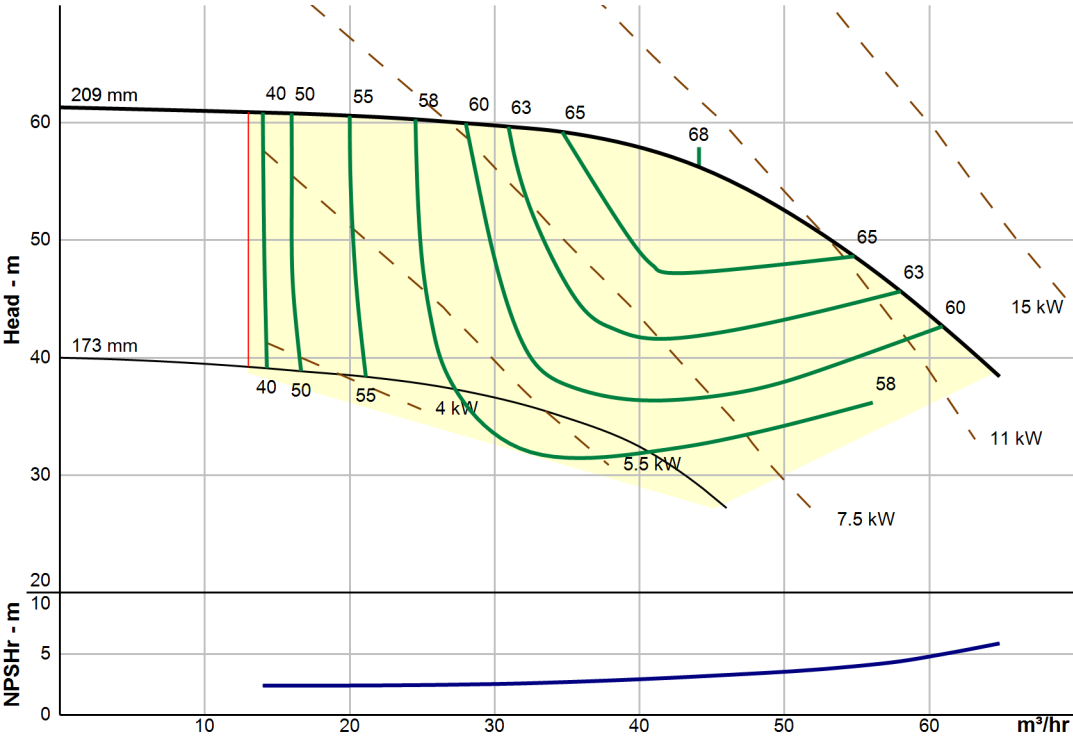
Flow: 44.1 m³/hr
 Head: 56.2 m
 Eff: 68%
 Power: 9.93 kW
 NPSHr: 3.16 m
 Speed: 2900 rpm

--- Design Curve ---

Shutoff Head: 61.3 m
 Shutoff dP: 6.01 bar
 Min Flow: 13 m³/hr
 BEP: 68% @ 44.1 m³/hr
 NOL Power:
 12 kW @ 64.8 m³/hr

--- Max Curve ---

Max Power:
 12 kW @ 64.8 m³/hr



Performance Evaluation:

Flow m ³ /hr	Speed rpm	Head m	Efficiency %	Power kW	NPSHr m
62.3	2900	41.2	59	11.9	5.28
51.9	2900	50.7	66	10.8	3.75
41.5	2900	57.1	67	9.56	3.03
31.1	2900	59.7	63	8.06	2.56
20.8	2900	60.6	55	6.17	2.42