

CP 55E Electric Centrifugal Pump

for Hazardous area Zone I

This unit are designed specifically for applications in 2G areas (Zone I) and is CE, NORSOK Z-015:2020 and ATEX compliant. The unit can operate in ambient temperatures from -20° C to +55° C. Unit sound pressure level (SPL) is equal or below 83 dBA@1m according NORSOK Z-015:2020 requirements.

Features:

- Small footprint.
- Easy access for maintenance.
- Multi voltage design. Easy to swap voltage.
- Two different impeller sizes available, 183mm and 250mm.

About Enerion:

Enerion is a leading provider of products and services to the energy sector. We have extensive experience in engineering, manufacturing and service of equipment and are committed to deliver flexible and future oriented solutions to our customers.




Technical data:

Pump	: LFH-1000
Max flowrate, 183mm	: 50 Hz: 885LPM@3,2bar / 60Hz: 1050LPM@4,4bar
Max flowrate, 250mm	: 50 Hz: 1188LPM@6,3bar / 60Hz: 1410LPM@9,6bar
Max pressure 183 mm	: 6,2 bar (60Hz)
Max pressure 250 mm	: 12,6 bar (60 Hz)
Material pump	: Stainless steel
Max solids	: 10 mm
Fluid handling	: Drilling Fluids with Brine, Methanol, Glycol, Seawater, H2s, Natural Gas, Hydrates.
Power	: 55-63,8 kW.

Interface:

Power cable	: 70m, plug is not included.
Electric Power	: Multi voltage, 380V/400V/440V/480V/690V, 50-60Hz. 54,3A to 113,3A.
Suction	: 1 x 4" fig. 206 WECO, Female Wing Union.
Discharge	: 1 x 4" fig. 206 WECO, Male Wing Union.

Approvals:

CE and UKCA marked	: Yes.
ATEX	:  II 2G Exh IIB T4 Gb.
Lifting	: DNV-ST-E271 & EN 12079
Other compliances	: NORSOK Z-015:2020

Weight & Dimensions:

Length	: 1890 mm
Width	: 1072 mm
Height	: 1655 mm
Max Gross Weight	: 1.900 kg

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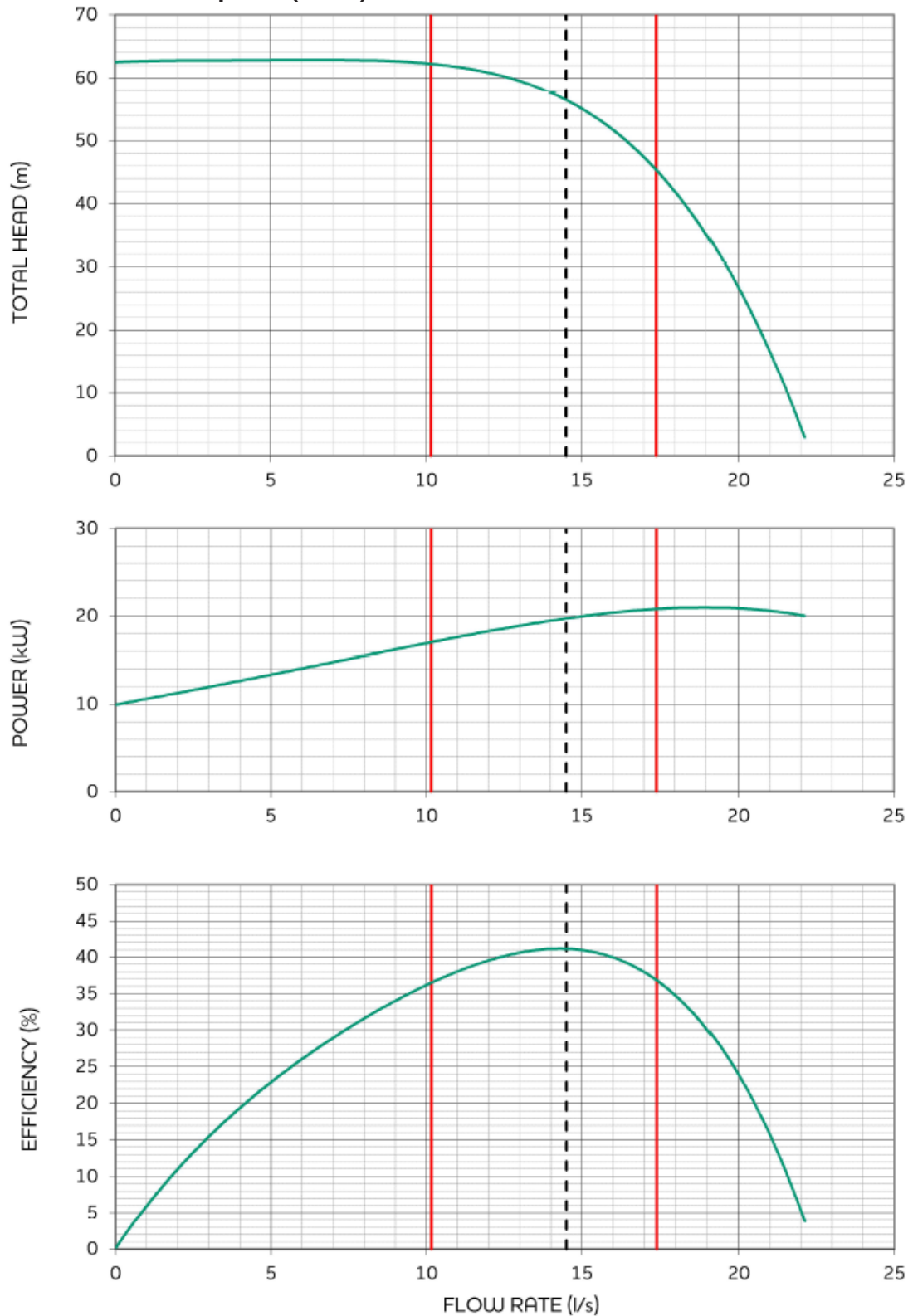
Web: www.enerion.com



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Performance curve 183mm impeller (60Hz):



- Max & Min Pump Performance in accordance with API 610
- Performance Curve
- NPSH(r)
- - - BEP (Best Efficient Point)

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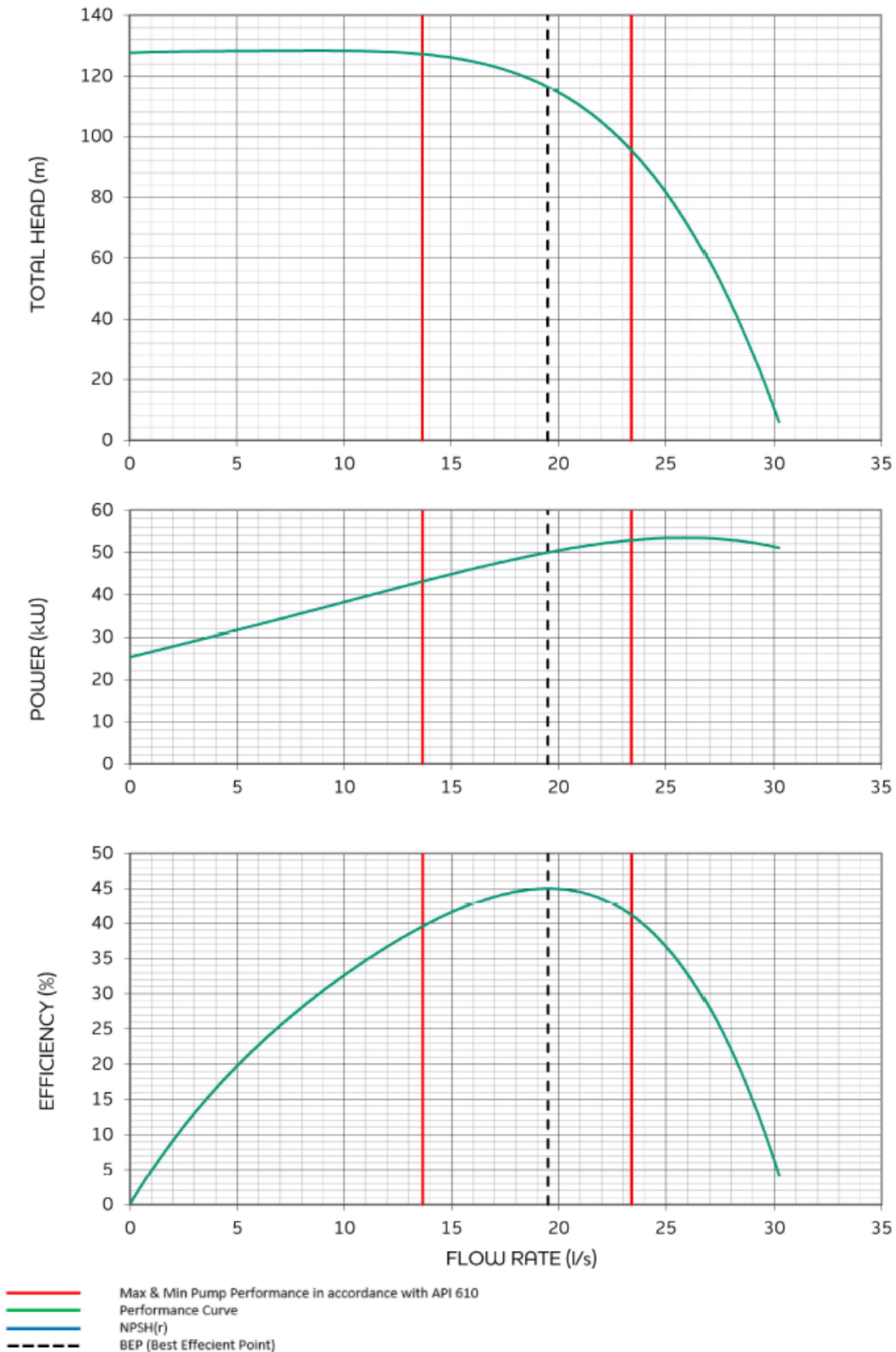
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Performance curve **250mm** impeller (60Hz):



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