

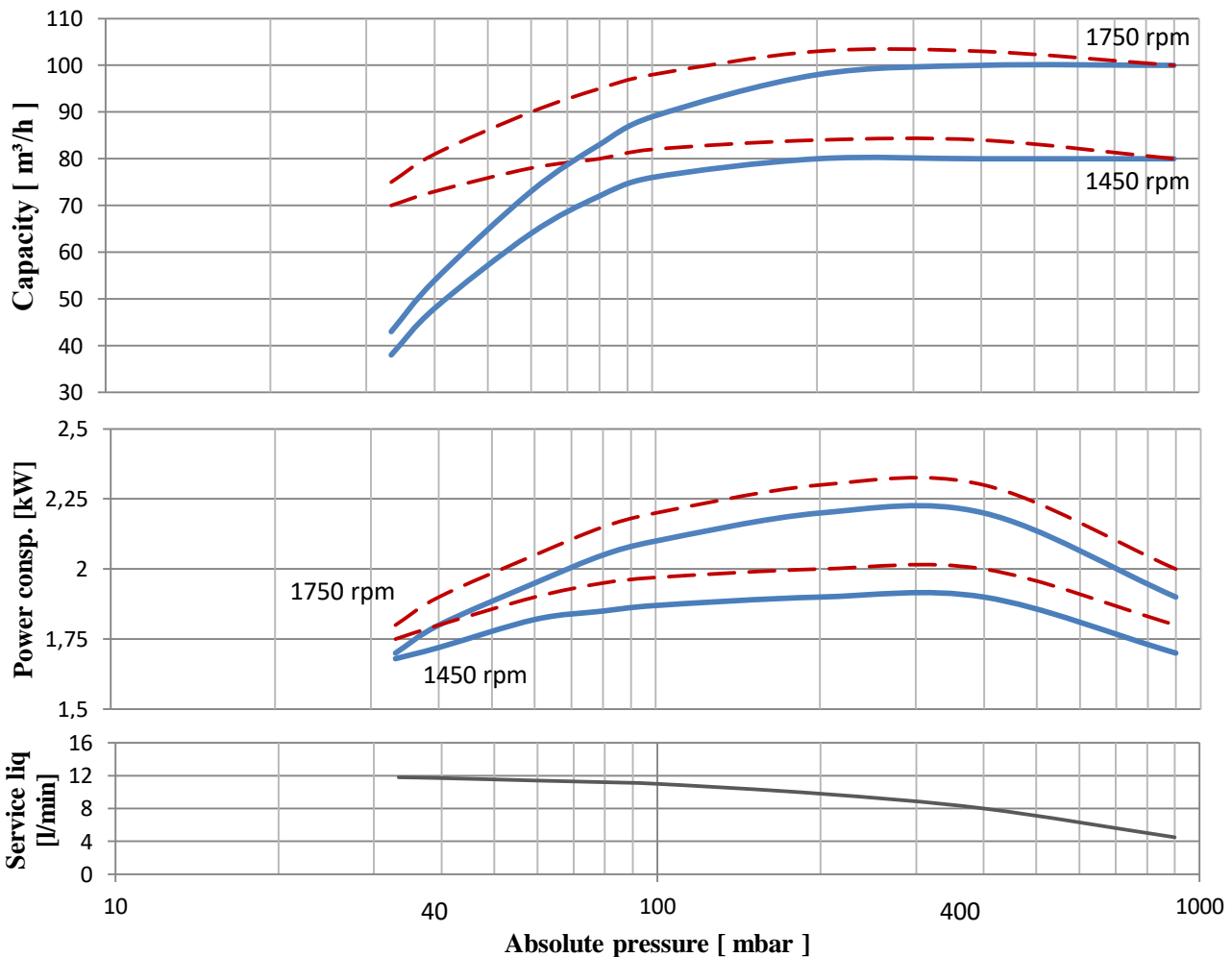


**Liquid ring vacuum pump**

Monoblock type-Closed-coupled

Normal capacity	: 80 m <sup>3</sup> /h	<u>Electric motor</u>	
Maximum capacity	: 105 m <sup>3</sup> /h	50 Hz frequency	: 2.2 kW
Absolute pressure	: 33 mbar	( 60 Hz frequency	: 2.6 kW )
Vacuum pressure	: -735 mm-Hg	<u>Shaft rotation</u>	
( At sea level)		50 Hz frequency	: 1450 rpm
Inlet & Outlet	: DN 40	( 60 Hz frequency	: 1750 rpm )
<u>Heat resistance</u>		<u>Service liquid</u>	
Dry air	: 200 °C	amount	: 12 l/min
Water vapour	: 100 °C	inlet	: 3/8"
Compression pressure	: 0,3 bar	temperature ( max. )	: 80 °C
Pressure difference	: 1,1 bar	viscosity ( max. )	: 4 mm <sup>2</sup> /s
Inlet moment	: 0,14 kg.m <sup>2</sup>	density ( max. )	: 1200 kg/m <sup>3</sup>
<u>Weight</u>		Liquid amount at shaft level	: 2.4 lt
With motor on baseplate	: 65 kg	Noise level	: 68 dB
Bareshaft	: 48 kg	( At 80 mbar absolute pressure )	

## Performance Curves



— Dry air

- - - Saturated air