

L-BV

Data sheet 2BV2 070

Liquid ring compressor

General information

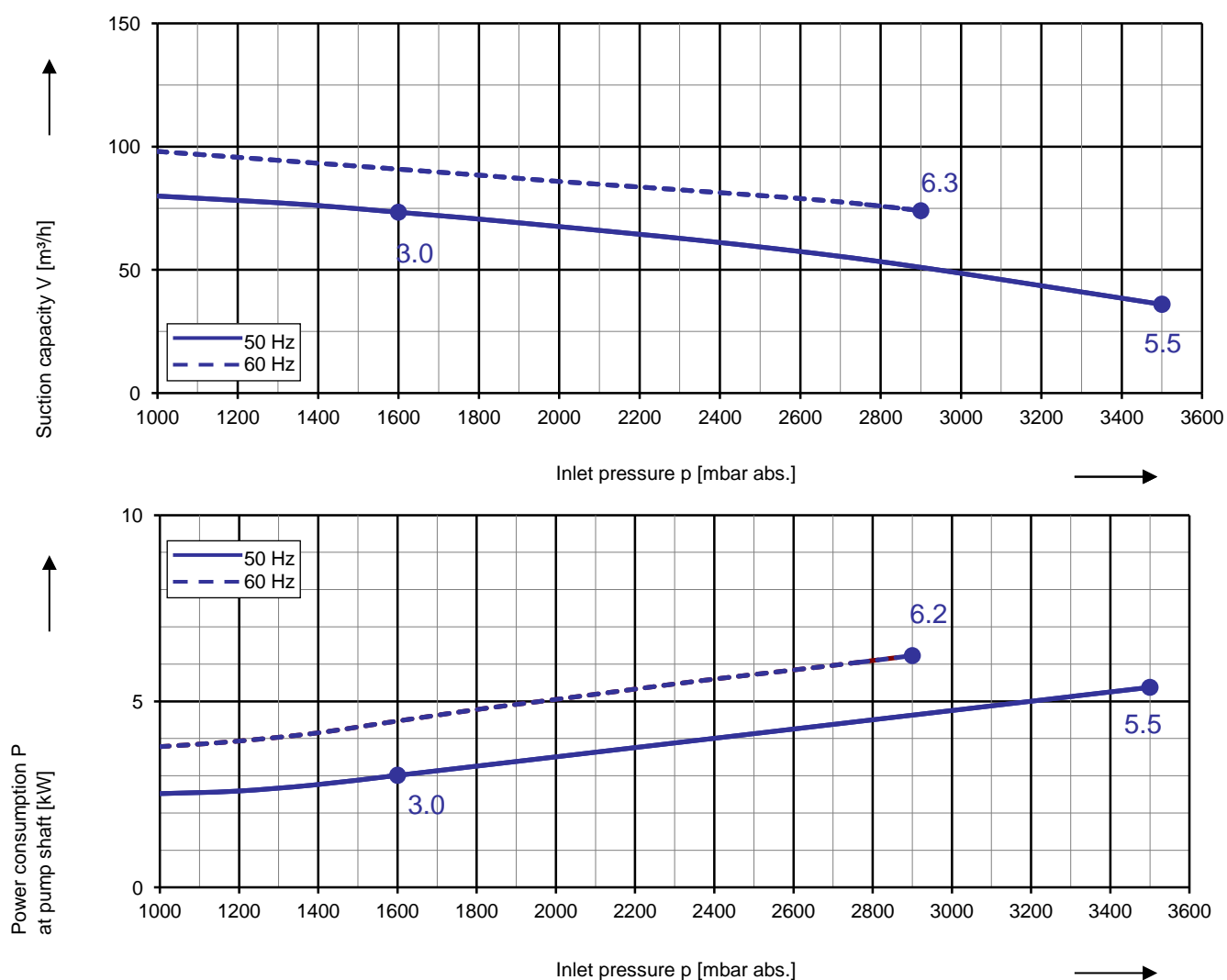
Elmo Rietschle compressors of the model range L-BV2 are suitable for compressing gases and wet vapours.

The compressors are particularly space-saving, reliable and robust in their monoblock design. The reinforced stainless steel shaft, the permanently lubricated bearings and the ceramic internal coating of the pump housings prevent wear, corrosion and calcification.



Performance curves

Compressor operation



The characteristic curves are based on the evacuation of 100 % saturated air and an intake temperature of 20 °C. At a suction pressure of 1013 mbar abs. and a temperature of the operating liquid of 15 °C (water as operating liquid) the characteristic curves will be achieved. The tolerance is $\pm 10\%$.

The motors are supplied as standard for the input voltage ranges of 50 and 60 Hz and for the protection category IP55 as well as approbated for UL and CSA. ATEX-Compressors with 2006/42 EG for category 2G are available, too.