

NASH 2BQ Liquid Ring Compressors

Medium Pressure Liquid Ring Compressors



NASH 2BQ

The world's first liquid ring compressors with high gas flow rates and discharge pressures of up to 3.75 bar abs. The NASH 2BQ1 590 has a unique performance range. It combines a high gas flow rate with a discharge pressure range of up to 3.75 bar abs., providing high efficiency. The performance data of this machine is unmatched by any other liquid ring compressor on the market.

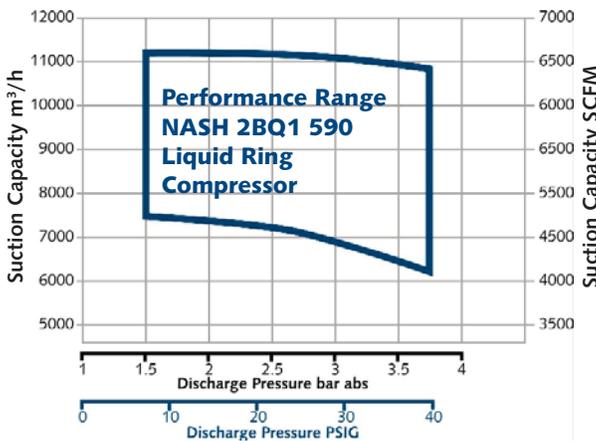
The NASH 2BQ1 is based on the proven, modular NASH 2BE3 series and was developed with improved compressor configuration. Standard 2BE3 components can be used in many areas as a result.

The rotor, shaft and bearings were strengthened in order to withstand higher pressures. The NASH 2BQ1 is also designed for a wide operating speed range (420 to 611 rpm).

The shaft and housing are solid stainless steel, as are the mechanical shaft seals. Since every component can be made with application-specific stainless steels, the NASH 2BQ1 is the ideal liquid ring compressor for demanding process requirements. Applications include the recovery and compression of hydrocarbons and the compression of hydrogen, chlorine or other process gases.

The NASH 2BQ1 is certified for ATEX.

Basic specifications NASH 2BQ 590	
Suction capacity	6,000 to 11,000 m ³ /h 3,500 to 6,400 CFM
Suction pressure	0.8 to 1.5 bar abs. to 7 psig
Discharge pressure	1.5 to 3.75 bar abs. 7 to 40 psig
Construction materials	Ductile iron, stainless steel



Dimensions
Measurements in
inches (mm)
All dimensions are ap-
proximate

