

# Compressors Technical specification

Compressor type WP4335 BasSeal H2 - *Project*

**ATEX Ex II 2G Ex h IIC T3 Gb X**

## Technical Data

According to the general arrangement drawing	B4335-7329
Volume flow-rate ref. ISO 1217 <sup>a)</sup> :	830 Nm <sup>3</sup> /hr
Working pressure:	350 bar(g)
Inlet pressure	20 bar(g)
Speed:	1480 rpm
Shaft power:	155 kW
Rated Power	160 kW
Stages/Cylinder:	4/3
Cooling:	freshwater including corrosion protection
Please see the cooling water requirements bulletin C1196	
Cooling water inlet temperature (max):	40 °C
Cooling water pressure (max):	~2.5 bar(g)
Cooling water flow-rate with 40°C cw inlet temperature (max):	200 l/min
Heat dissipation to cooling water (approx.):	99 kJ/sec
Outlet gas temperature/ $\Delta T$ above water inlet:	10 °C
Residual oil content (without oil removal filtration):	<5 mg/m <sup>3</sup>
Drive:	direct-drive
Ambient temperature range:	+ 5/+ 55 °C
Noise level at 1 m distance (DIN 45635):	93 dB (A)
Basic weight inc. E-motor:	approx. 5500 kg

<sup>a)</sup> Volume data referred to intake conditions (e.g. 1013mbara 0°C) with a tolerance +/- 5 %

