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**SERIE
CBPA**

**OIL FIELD
EQUIPMENT
NATURAL GAS
ENGINE / GENSET**





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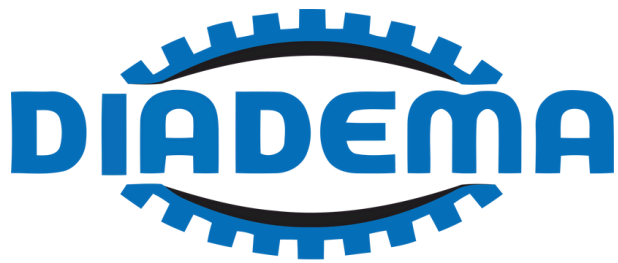
Model : CBP 125

Suction conditions

Pressure (@ package B/L)	kg/cm	2 4
Pressure @ cylinder flange	kg/cm	2 3,8
Temperature (@ package B/L)	°C	20
Temperature @ cylinder flange	°C	20
Cp/Cv Ratio	1,2569	
Compr. factor (Z) or (Zprom)	0,9857	

Discharge conditions

Pressure (@ package B/L)	kg/cm ²	14
Pressure @ cylinder flange	kg/cm ²	14,8
Temperature @ cylinder flange (adiab.)	°C	<176
Temperature actual @ cylinder flange	°C	108
Temperature after after cooler	°C	50
Compr. factor (Z) or (Zprom)		0,9807
Rated Capacity (Design)	Sm ³ /h	1600
Actual inlet flow (wet)	Sm ³ /h	1595
Volumetric efficiency %		48/56
Valve lift suction	mm / mm	1,6



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Valve lift area suction/discharge mm² / mm³ 400/1400

Valve velocity m/sec 30

Cylinder power per stage: 77 kW

Speed: 1450 rpm

Compressor shaft power: 79 kW

Available with an electric motor or natural gas combustion.

Electric motor power: 90 kW

Natural gas engine power: 120 HP

Engine options: Kirloskar/Lister Petter/Deutz

