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**SERIES
CBPA**

**OIL FIELD
EQUIPMENT
NATURAL GAS
ENGINE /
GENERATOR SET**



Model: CBP 25

- Screw Compressor: This is a Rotorcomp Verdichter brand screw compressor, designed for pressures up to 15 bar and temperatures reaching 110°C, with a maximum speed of 7,500 R.P.M.
- The suction pressure range is from 0.2 to 4.5 bar, while the discharge pressure can reach up to 14 bar.
- The maximum flow rate is 6,000 SCMD per day at 4.5 bar, excluding liquids.
- The main motor power is 25 HP from the WEG brand (380 V / 50HZ) with an IP55 rating.

It features a vertical liquid separator with liquid evacuation via a pump, capable of re-injecting liquids into the discharge line, with a capacity of up to 80 Bdpd,

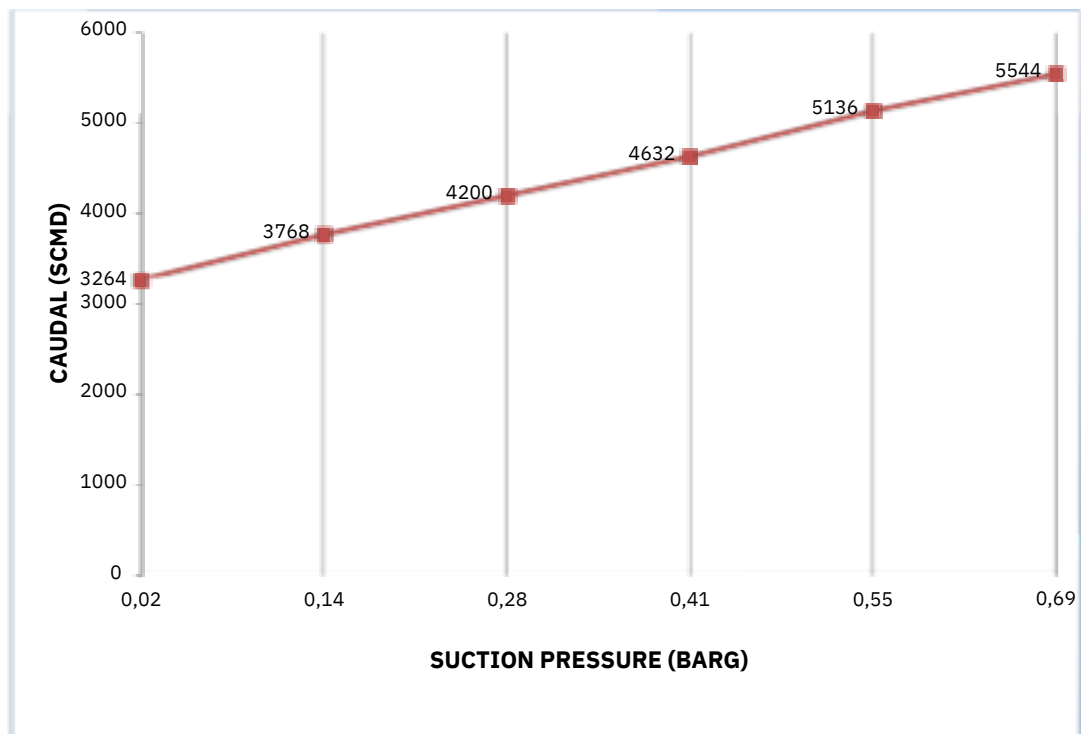
- equipped with a demister and a coalescing filter. An inlet gas exchanger is optional and not included.
- The electrical installation is classified as Class 1 Div. 2.

The electrical panel, suitable for outdoor use, includes a Schneider brand PLC and HMI, installed on the same skid, separated by a partition for fire protection.

- The gas flow measurement system utilizes an orifice plate.
- A radiator cools both the compressor oil and the compressed gas discharged by the equipment.
- The skid dimensions are: width 1.1 meters x length 2.5 meters, with an approximate weight of 1,900 kg.

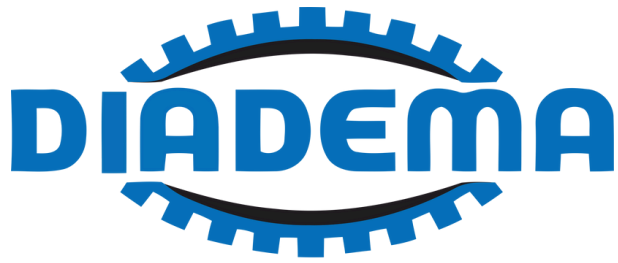


CURVE CBP 25



NOTES: 1) FLOW CURVE EXCLUDING LIQUIDS 2)
GAS TEMPERATURE 20°C

		NAME DATE		DIADEMA LIFT
		REALIZATION	H.C.	
		VERIFICATION	H.C.	
		AUTHORIZATION	E.C.	
		ON	05/09/2023	
			13/09/2023	
		PROJECT		
		CBP-25-E		
		CONTACT		
		FILE:		
NUMBER	DATE			
LEVEL				

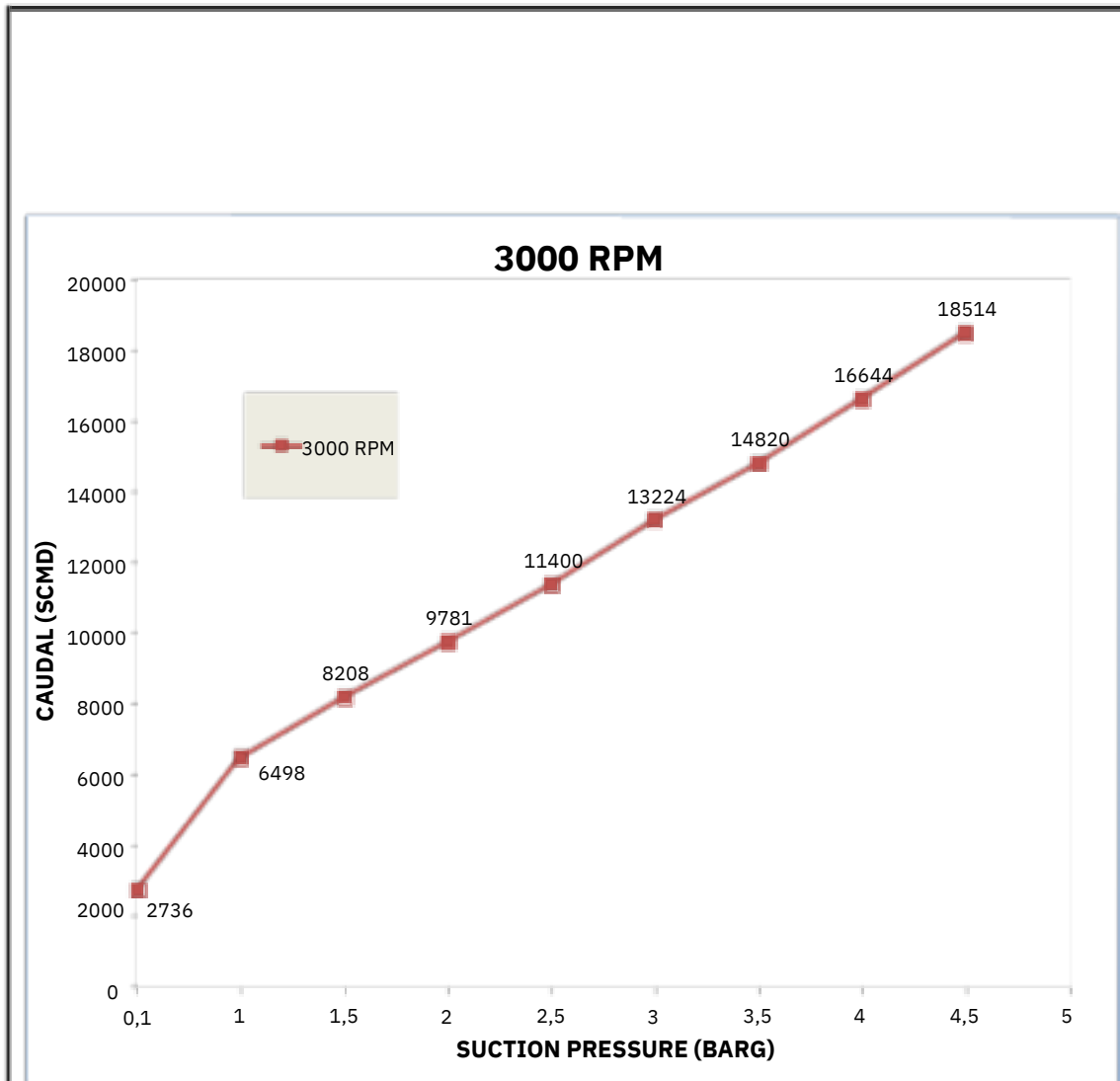


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Model: CBP-50

- Screw-type compressor of domestic manufacture, featuring rotors mounted on bearings. The suction pressure range extends from 0.2 to 4.5 bar, with a discharge pressure of up to 14 bar. The maximum flow rate is 18,614 Sm³/day at 4.5 bar (without liquids). The main motor power is 50 HP, WEG brand (380 V / 50Hz), with an IP55 anti-spark rating. An inlet gas exchanger is available as an optional component. A vertical liquid separator, equipped with a pump for liquid evacuation, can re-inject liquids into the discharge line, with a capacity of up to 80 Bdpd, including a demister and a coalescing filter. The electrical installation is classified as Class 1 Div. 2. The electrical panel, suitable for outdoor use, features a Schneider brand PLC and HMI, installed on the same skid, separated by a firebreak division. The gas flow measurement system utilizes an orifice plate. The radiator cools both the compressor oil and the compressed gas discharged by the equipment. The skid dimensions are: width 1.4 meters x length 2.8 meters. It is prepared for remote monitoring with an Exemys modem. The approximate weight is 2500 kg.

CURVE CBP 50



NOTES: 1) FLOW CURVE EXCLUDING
~~CONSIDER~~ 2) GAS TEMPERATURE:
20°C 3) SPECIFIC DENSITY: 0.65 4)
MAIN MOTOR POWER: 37 kW (50
HP)

			NAME	DATE	DIADEMA LIFT
		REALIZATION	H.C. H.C.	02/11/2013	
		VERIFICATION	E.C	03/11/2013	
		AUTHORIZATION			
		PROJECT			CBP - 50V
		DISCHARGE PRESSURE: 14 BAR G			
NUMBER	DATE	*In theory, but I never tested with that.			
LEVEL					