XLP99 Xtra Low Pressure Gas Booster

Technical Specifications

HORSEPOWER 99 HP

PERFORMANCE

Max Suction	15 psig
Max Discharge	35 psig
Max Pressure Boost	20 psig

ENGINE

Model	Cummins G8.3 (8.3l)
Usable Compression bhp	90 bhp

BLOWER/COMPRESSOR

Make	Gardner Denver
Type	Oil-free Screw Compressor

Flow Rates

Inlet Pressure	Discharge Pressure					
	10 PSIG	15 PSIG	20 PSIG	25 PSIG	30 PSIG	35 PSIG
0 PSIG	35.7 e^3m^3/d	33.5 e^3m^3/d	32.4 e^3m^3/d			
1 PSIG	39.5 e^3m^3/d	37.5 e^3m^3/d	35.7 e^3m^3/d			
2 PSIG	42.8 e^3m^3/d	40.8 e^3m^3/d	38.4 e^3m^3/d			
3 PSIG	46.4 e^3m^3/d	44.7 e^3m^3/d	42.6 e^3m^3/d			
4 PSIG	49.9 e^3m^3/d	48.6 e^3m^3/d	46.0 e^3m^3/d			
5 PSIG	53.8 e^3m^3/d	51.7 e^3m^3/d	49.9 e^3m^3/d	46.8 e^3m^3/d		
10 PSIG		70.5 e^3m^3/d	67.7 e^3m^3/d	64.8 e^3m^3/d	63.0 e^3m^3/d	
15 PSIG			87.4 e^3m^3/d	84.8 e^3m^3/d	81.9 e^3m^3/d	79.9 e^3m^3/d

Brahma Compression Ltd.
1310 - 43rd Avenue SE, Calgary, Alberta, Canada T2G 2A2
t. (403) 287-6990 | f. (403) 243-4085 | Toll Free. 1-800-230-6056 | www.gascompressors.ca

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Installation Requirements

The following information is to provide assistance for the customer in preparing for and ensuring optimal operation of the gas compressor package.

INLET CONNECTION	6" 150#
OUTLET CONNECTION	4" 150#

WELLHEAD CONNECTION	Either hard pipe or flexible hose may be used.
SKID / BUILDING SIZE	Standard Building 8'w x 18'l x 11'h
SKID / BUILDING SIZE	Building with SoundRanger 14'w x 18'l x 11'h
SHIPPING WEIGHT	26,000 lbs

LIFTING

The compressor package must be lifted and placed using a proper lifting device, consisting of a four-point lift (from each corner of the package). The package must remain level during lifting and placement. The unit cannot be skidded and dropped.

ENGINE STARTER

A pneumatic engine starter is provided with the gas compressor package. It requires approximately 60 psig of gas pressure to adequately start the engine.

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MOUNTING SURFACE

The customer is responsible to provide a suitable installation area. The compressor should be mounted on a flat and level bed of packed gravel. The use of planking alone is not recommended. This may cause unlevel settling of the package, unnecessary vibration, and increased sound pressure levels distributed through the skid base.

The gravel pad should extend to sufficient length to support any sound hoods that extend beyond the building walls.

GROUNDING

The compressor package must be grounded. The unit is supplied with a cable lug on skid edge to which the customer is responsible to attach a grounding device. It is recommended that an 8' rod be wired to the grounding lug and inserted into the earth, within 6 feet of the compressor building.

SOUND ATTENUATION

To reduce sound pressure levels cover the exposed surface of the skid base completely with gravel. The compressor package is built with both the cooler and muffler discharge on one side of the package, with the inlet and outlet connections on the other side. Ensure that the package is positioned so that the cooler and muffler discharge (which are the major sources of noise) are directed away from local residence as much as possible.

It is the responsibility of the customer to ensure that the compressor installation meets EUB and regulatory requirements.

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