



AIRFIELD AIR COMPRESSOR LSP/N SERIES II

- designed for filling dispensers and/or other high-pressure vessels with compressed air with pressure up to 35 MPa
- mounted on a standard 15 ft. container frame which can be transported on any truck or on a low chassis anywhere in the airport or landing site and on public roads with a maximum speed 90 km/h
- equipped with a system of supervision, prompts and automatic stop of compression after reaching the set pressure
- an autonomous device can work independently after being removed from the trailer
- equipped with a system of remote diagnosis and monitoring of operating parameters
- equipped with a pre-heating system for starting at low temperatures
- equipped with a compressed air cooler/heater system
- adapted for air, land and marine transport



TECHNICAL PARAMETERS

CLIMATIC CONDITIONS

operating max. temperature	+55°C
operating min. temperature	-30°C
rated humidity at +25°C	98 %
temperature for storage temperature/humidity	> +5°C / < 80%
resistance to elevated storage temperature	+65°C
resistance to reduced storage temperature	-50°C

COMPRESSED AIR PARAMETERS

medium	compressed air acc. to PN-91/L-01261
moisture content of gas released (dew point at pressure 0,1 MPa)	≤ -55°C
filtering accuracy	10 μm
maximum released air pressure	35 MPa
efficiency (for gas pressure 35 MPa with ambient temperature +20°C)	≥ 125 Nm ³ /h
maximum temperature of dispensed gas	+70°C
range of dispensing pressure	0,34 to 35 MPa
high pressure tank capacity	600 dm ³

COMPRESSOR PARAMETERS

type	WP 4351
efficiency (acc.to ISO 1217, for 1800 RPM)	120 Nm ³ /h
number of compression stages / numer of cylinders	4/4
drive type	direct via combustion engine

ENGINE PARAMETERS

power /rotations	100kW/1800 RPM
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OVERALL PARAMETERS

length without tow rod	4630 mm
length with tow rod	7080 mm
width	2500 mm
height	2390 mm
weight	5050 kg