



RAILWAY ROLLING STOCK

Production, delivery, mounting, service

COMPRESSOR K2-lok

■ Characteristics

Compressor K2-lok is the two-stage, three-cylinder, air – cooled compressor. It has W shape arrangement of cylinders without coupling, frame, intercooling, ventilator and pipe. The compressor is used for pressure brakes and other pneumatic devices in railways operation.

■ Equipment

absorbing basket, oil pressure manometer, oil preheater (heating body in tank and on the oil pipe), pressure oil switch.

■ Note

We do not provide flanges for delivery of 1st and 2nd degree absorption. In the case of special customer wants or needs it is possible to provide left rotation when looking at free end of winch.

Voice level of the compressor in distance of 1 m corresponds with N-92 noise class. It is necessary to use dumping devices that are effective in N – 95 noise class.

The compressor can operate in scale of 590 rpm (performance cca 127m³.h⁻¹, power cca 16kW) to 1130 rpm (performance cca 244 m³.h⁻¹, power cca 3 kW)

TECHNICAL DATA

Engine performance	156 m ³ .h ⁻¹
Absolute absorption pressure	100 kPa
Absortion temeperature	20 °C
Delivery pressure	900 kPa
Number of cylinder	3
Number of compressed degrees	2
Diameter of 1 st degree cylinder	155 mm
Diameter of 2 nd degree cylinder	125 mm
Piston throw	120 mm
Number of speeds	720 rpm
Cooling	air
Greasing	pressure
Oil consuption	20 g.h ⁻¹
Amount of oil in winch case	cca 4,5 l
Power on winch	19 kW
Weight	270 kg

