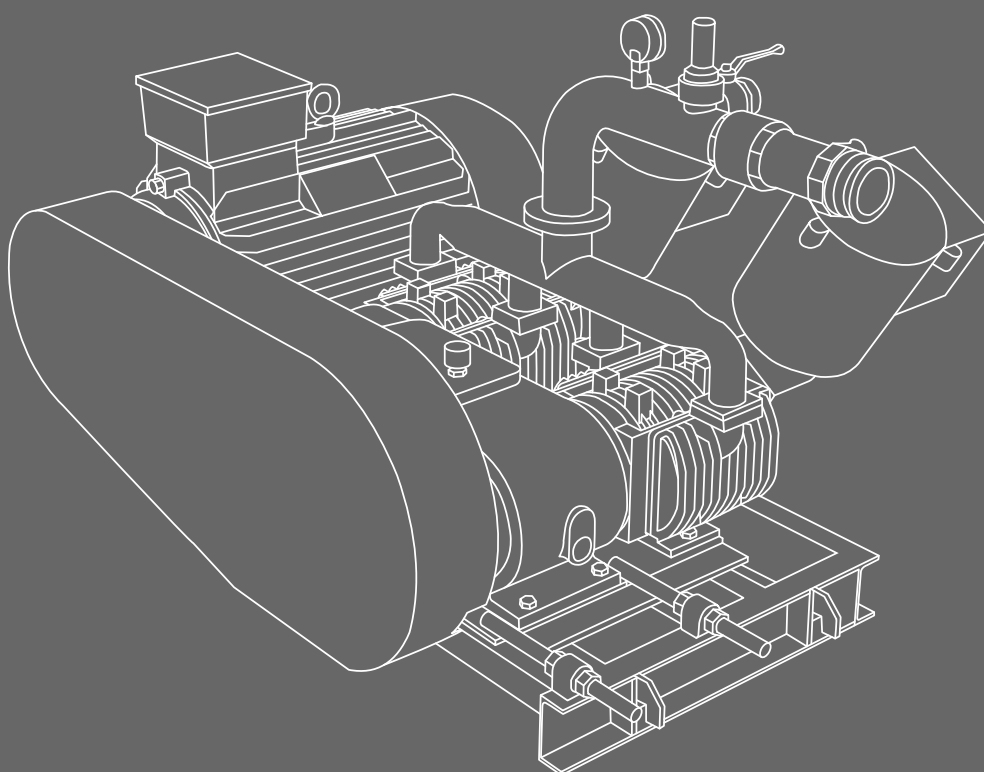




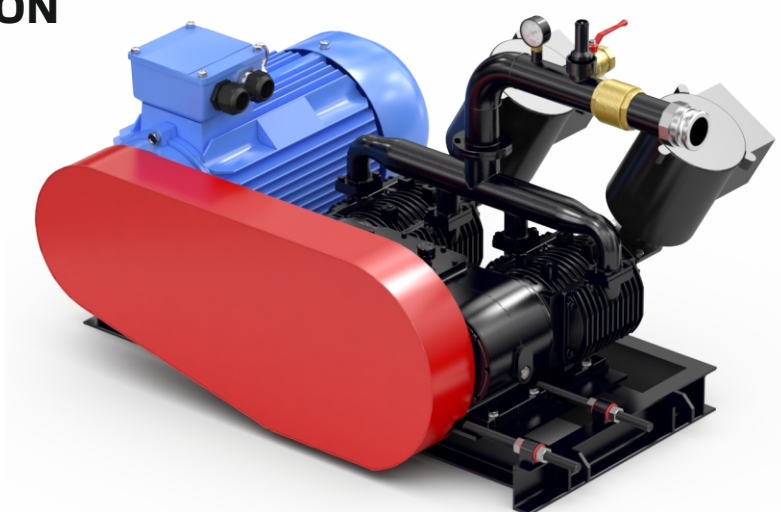
RNGI



The compressor station

SK-12R1

SK-12R1 SERIES THE COMPRESSOR STATION



The compressor station SK-12R1

The compressor station is intended for operation as a part of stationary pneumatic cement storages. The station consists of a compressor equipped with an electric motor and installed on a frame, treatment systems for intake and discharge air (optional) and a control system. Cement is loaded into and unloaded from the storage pneumatically, i.e. by pumping air out from vessels (optional) or into vessels, respectively. Climatic modification "Y", arrangement category 3 in accordance with GOST 15150.

The compressor station is quite compact, requires minimal space for installation, convenient in maintenance operations. For its transportation, any suitable vehicles can be used (roads of 1-5 categories), as well as railway and waterborne carriages.

Technical specifications:

Parameter name	SK-12R1
Full weight, kg, at most	944
Overall dimensions, mm	1700x1030x1070
Compressor	KM-12-2R1
- type	Pendulum
- capacity, m ³ /min, at least	12
- pressure, MPa (kg/cm ²), at most	0,2 (2,0)
- speed, rpm, at most	1000
Electric motor:	
- brand	5A225M4
- rated speed, rpm	1475
- rated capacity, kW	55
- rated torque, Nm	356
- rated current, A	82.6
- voltage, V	380
- cooling type	air
Connection	
Camlock, type A, " (DN)	3 (75)

In order to ensure safe operation of the compressor and its unloaded startup (mandatory condition), a manifold is installed on its outlet equipped with check and safety relief valves, as well as a ball cock.

The station must operate in recursive short-time mode. Duration of the operating cycle must not exceed 1 hour. Interval between the cycles must be at least 30 minutes.

The compressor station SK-12R1. Advanced features.

- | | |
|--------------------------|---|
| <input type="checkbox"/> | Compressor unit control cabinet IP 54 (from +5 to +40 °C) |
| <input type="checkbox"/> | Heating the cabinet at low temperatures (from -40 °C) |
| <input type="checkbox"/> | Variable speed drive for stepless speed control of engine shaft rotation |
| <input type="checkbox"/> | Line choke to reduce interference from the variable speed drive to the line |
| <input type="checkbox"/> | Cable for connecting the electrical cabinet to the electric motor. Length _____ meters. |



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