CVS ENG.
THINKING AHEAD

SKL 700 – 1100 LS

Screw compressor, low speed version

CVS develops an manufactures compressors specifically designed for installation in trucks. The development is made in close collaboration with our customers. This guarantees the optimum product for your application.

The oil free screw compressor

The oil free screw compressor SKL LS was developede specially for the high requiements on mounting in bulk trucks.

Features

High quality
compressors from CVS for reliable discharge

Unique and robust design
guarantee long lasting performance and high operating hours

Compact and light-weight
design for higher payload on the tanker

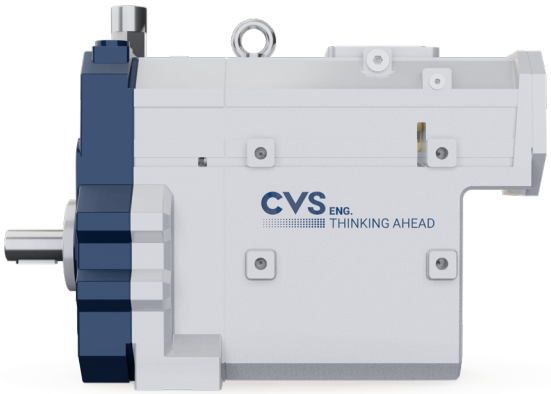
Screw compressors with system

The volume flow rate of the SKL LS ranges from 385 up to 1050 m³/h at input drive speeds of 1630 (SKL 1100) resp. 1950 (SKL 700) up to 2930 rpm. The especially developed design of screw ensures increased efficiency and low discharge air temperatures with low noise operation.



Advantages

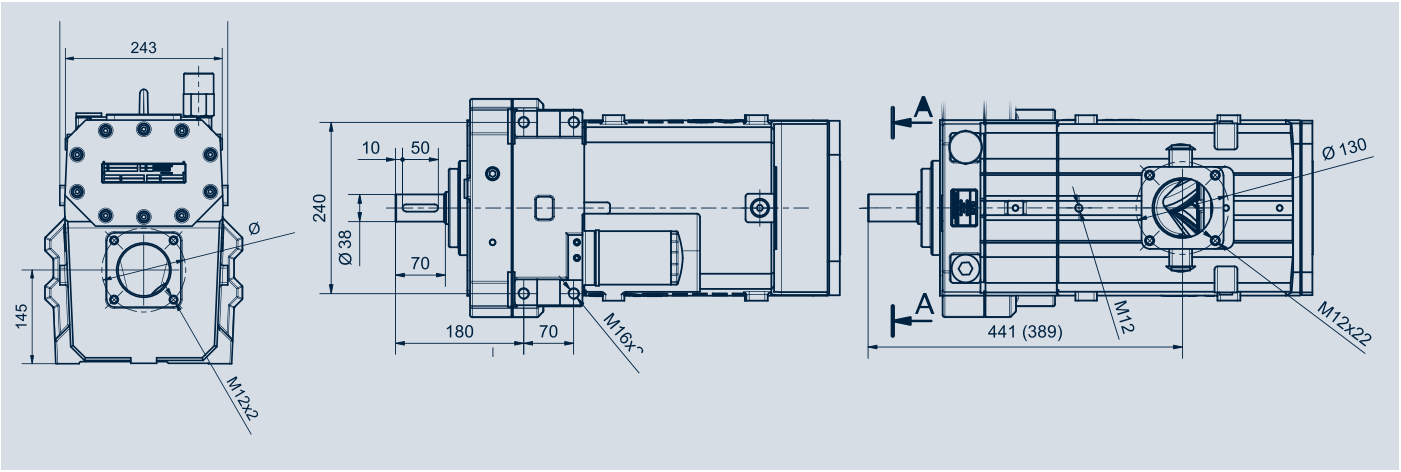
- Reduced input drive speed
- High quality robust design guarantees long lasting performance and longer operating life
- Low weight
- Extensive speed range allows greater flexibility and maximum performance
- 2.5 bar operating pressure over full speed range
- Compact design for ease of installation
- Integrated lubricating oil pump and easy-to-change oil filter



Technical data		SKL 700 LS			SKL 1100 LS		
With speed	**rpm**	1950	2440	2930	1630	2440	2930
Suction volume flow at free air delivery	m³/h	420	540	650	550	850	1050
Suction volume flow at 2 bar g	m³/h	385	485	600	490	775	980
Max. over pressure	bar g	2.5			2.5		
Speed range	rpm	1950–2930			1630–2930		
Power requirement at 2 bar g	kW	22.5	28.0	33.5	29.0	43.5	52.5
Weight	kg	126			135		

Technical subject to alteration





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