SAVEL

More Than Technology

AIR COMPRESSOR

Comprebull

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Working Principle of Piston Air Compressors

Piston compressors compress and store free air. Head group is driven by the electrical motor via a V-belt and crank movement ensures a reciprocating movement of pistons. Piston creates a vacuum when lowering down from a top point. The vacuum created, opens the suction valve and ensures that air is filled into cylinder. When piston starts rising again, the suction valve is closed and opens the valve on outflow line and thus starts the compression process. The compressed air passes over the pipe lines and reaches in the non-return valve. Non-return valve ensures that air receiver tank is filled without returning the air fed to the tank. Meanwhile, while piston compresses the air, it expands and heats up. The components which are heated via the fan blades in head group, blow the air sucked and thus ensure cooling

General Features

Comprebull superior features of the air compressor

+ Full Automatic.
+ Designs is suitable for long-term productive work.
+ Very efficient cooling.
+ Minimize mechanical friction ball and needle bearings.
+ Simple and stable constructions.
+ Simple and effective lubrication.
+ Rotating parts to be balanced.
+ Minimize dead volume supab system.
+ the lack of spare parts problem.
+ Has a widespread service network.
+ 2 years warranty.

Capacity Table

CompreBull Air Compressors, 300 Lt or 500 Lt tank has a capacity of 5.5 HP and 10 HP range and are produced in the power.

	Stroke Volume	Stoge Number	Pressure	Rotate	Power	Power	Tank	Dimensions	Weight
Type	Lt / Min	qty	Kg / cm³	RPM	HP	KW	Vol.	cm	Kg
CompreBull-101	700	1	8	750	5,5	4	300	170x70x110	190
CompreBull-102	700	1	8	750	5,5	4	500	170x70x110	200
CompreBull-103	850	1	8	800	7,5	5,5	500	170x70x110	260
CompreBull-104	1200	1	8	800	10	7,5	500	180x90x130	275
CompreBull-201	570	2	15	800	5,5	4	300	170x70x130	221
CompreBull-202	760	2	15	800	7,5	5,5	500	180x82x130	290
CompreBull-203	1140	2	15	800	10	7,5	500	192x82x130	480