

High tech for highest pressures: The **BOGE SRHV 470-10** Booster.



Free air delivery: 4559 l/min, 164 cfm (dependent on booster pressure)
Max. pressure: 40 bar, 600 psig
Rated power: 18.5 kW, 25 HP



Efficient and reliable boosting
of a low pressure network to
a higher final pressure!

40 bar



10 bar



EXTREMELY POWERFUL

The BOGE SRHV 470-10 Booster is designed to increase the pressure of already treated compressed air from an existing network to the required higher final pressure.

EXTREMELY RELIABLE

For many years BOGE Booster compressors have proved to be extremely reliable even under extreme conditions. For this reason, they are used for de-dusting in the mining industry – defying dust, high ambient temperatures and continuous operation.

EXTREMELY VERSATILE

BOGE Boosters are also used in more complex compressor systems such as, for example, in the BOGE FLEXPET generating high pressure air for the production of PET bottles: This is where BOGE Boosters compress air from a standard compressor to a higher 40 bar final pressure.

EXTREMELY EFFICIENT

Increasing the pressure from an existing network by means of the BOGE Booster results in the reduction of energy input because unnecessary higher compression is avoided, thus enhancing the energy efficiency of the overall system.

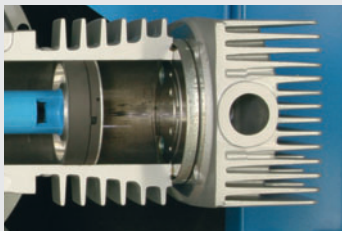

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FIRST CLASS QUALITY. EQUIPMENT AT ITS BEST.

HIGH QUALITY

The BOGE Booster only uses first class materials and state-of-the-art technologies, securing robustness and a prolonged service life.


PRE-FILTER

A pre-filter is integrated as standard in order to optimise intake air quality and the protection of compressor components along with optimum operational safety.


INTEGRATED OIL LEVEL MONITORING

Oil level monitoring comes as a standard in the BOGE Booster. This means increased operational system safety and reduced maintenance costs.


VENTILATION INCLUDING CONDENSATE SEPARATION

As an option, the BOGE Booster is available with ventilation including condensate separation in a compact design without the need for extra space.

OVERVIEW OF THE BOGE BOOSTER COMPRESSORS SRHV 200-5 TO SRHV 470-10

BOGE Type	Flow capacity (Displacement)		Flow capacity at booster pressure				Volume flow (FAD acc. to DIN 1945)		Compressor speed min ⁻¹	Number of cylinders	Motor		Dimensions W x D x H approx. mm	Weight approx. kg
	l/min	cfm	5 bar l/min	5 bar cfm	10 bar l/min	10 bar cfm	l/min	cfm			kW	HP		
40 bar / 600 psig Standard														
SRHV 200-5	205	7	1230	44	–	–	937	33	830	2	5.5	7.5	1300x740x890	240
SRHV 250-5	248	9	1488	53	–	–	1150	41	1010	2	7.5	10.0	1300x740x890	215
SRHV 450-5	443	16	2658	94	–	–	2117	75	1200	3	11.0	15.0	1300x740x874	260
SRHV 540-5	535	19	3210	113	–	–	2573	91	1450	3	15.0	20.0	1300x740x874	270
SRHV 170-10	170	6	–	–	1870	66	1575	56	695	2	7.5	10.0	1300x740x890	245
SRHV 280-10	278	10	–	–	3058	108	2680	94	1130	2	11.0	15.0	1300x740x890	250
SRHV 420-10	417	15	–	–	4587	162	3976	140	1130	3	15.0	20.0	1300x740x874	270
SRHV 470-10	469	17	–	–	5159	182	4559	164	1270	3	18.5	25.0	1300x740x874	250