

BOOSTERS

1 and 2-Stage high pressure boosters for Air and Nitrogen

› BK12.3

218 to 725 psig discharge pressure
72 to 185 psig inlet pressure
18 to 70 scfm
5 to 10 hp

› BK12.2

1300 to 5000 psig discharge pressure
72 to 160 psig inlet pressure
4.7 to 17.1 scfm
5 to 7.5 hp

› BK15.3

1300 to 5000 psig discharge pressure
100 to 145 psig inlet pressure
14 to 26.5 scfm
7.5 to 15 hp



- › AIR-COOLED
- › PRESSURE LUBRICATED
- › CONTINUOUS-DUTY RATED
- › AUTOMATIC CONDENSATE DRAIN
- › PLC CONTROL FOR UNATTENDED AUTOMATIC OPERATION
- › OPEN OR ENCLOSED DESIGNS AVAILABLE
- › AVAILABLE PURIFICATION

Boosters



Technical Data

Capacity at specified inlet and discharge pressure at 1300 rpm

		290 psig	435 psig	580 psig	725 psig
BK12.3					
Inlet pressure	72	25.0	20.0	18.0	--
	110	41.5	35.0	30.0	24.0
	145	55.0	48.0	44.0	38.0
	185	70.0	63.0	59.0	53.0

Capacity at specified inlet, discharge pressure and rpm

		900 rpm	1010 rpm	1150 rpm	1230 rpm	
BK12.2						
Inlet pressure	72 psig	2900	--	6.1	7.0	7.3
		3625	--	5.8	6.4	7.0
		4350	4.8	5.4	6.4	6.8
		5000	4.7	5.4	6.2	6.7
	116 psig	2900	8.9	10.0	11.5	12.1
		3625	7.7	9.4	11.3	11.7
		4350	8.5	9.3	10.7	11.4
		5000	8.1	9.0	10.4	10.9
	160 psig	2900	12.5	13.7	15.7	17.1
		3625	12.3	13.4	15.3	16.8
		4350	11.7	13.1	14.9	16.2
		5000	11.6	12.9	14.6	15.8

Capacity at specified inlet pressure and rpm at 4350 psig discharge pressure

		900 rpm	1000 rpm	1100 rpm	1200 rpm
BK15.3					
Inlet pressure	100	14.0	15.3	16.5	18.0
	115	16.2	17.7	19.1	20.6
	130	19.4	20.6	22.0	23.5
	145	22.0	23.5	25.0	26.5

5 hp **7.5 hp** **10 hp** **15 hp**

Tolerance on stated capacities is ± 5%. Capacities are free air delivery.

BAUER COMPRESSORS INC.

1328 Azalea Garden Road | Norfolk, VA 23502

TEL. +1 (757) 855-6006

FAX +1 (757) 857-1041

sls@bauercomp.com

www.bauercomp.com



BAUER COMPRESSORS INC.
Norfolk, Virginia is
registered to ISO 9001

BOOSTERS

227.08.11.1SP

subject to alteration without notice or obligation