

## MEDIUM PRESSURE

### 3-STAGE MEDIUM-PRESSURE COMPRESSORS

The medium pressure range of industrial air compressors from the technology leader in high pressure features continuous-duty rated, 3-stage, air-cooled, pressure-lubricated compressors for the most demanding requirements. The full-featured PLC control system with HMI allows for unattended, automatic operation. Heavy-duty frames and balanced compressor designs do not require a unique foundation for installation.

› **PRESSURE:**

400 to 1000 PSIG  
(28 to 69 BAR)

› **CAPACITY:**

7.5 to 240 SCFM  
(212 to 6800 L/MIN)

› **MOTOR:**

5 to 150 HP  
(3.7 to 110 kW)



› B23.4

## STANDARD SCOPE OF SUPPLY

- › 3-stage, air-cooled, pressure lubricated, continuous-duty rated reciprocating compressor
- › Electric motor with v-belt drive, belt guard and belt tensioning device
- › Automatic condensate drain with condensate collector (collector includes switch for high condensate level)
- › Automatic operation with PLC controller (includes operator keypad and text display for operation, maintenance and troubleshooting)
- › NEMA 4 rated electrical enclosure with UL listed control panel
- › Fused control voltage transformer
- › Hourmeter
- › Pressure sensors for oil pressure and final pressure
- › Temperature switch
- › Emergency stop push button
- › Audible alarm
- › Ambient temperature range 40° to 113° F
- › 24 month warranty

## AVAILABLE ACCESSORIES

- › Enclosure

## 30 - 125 HP MODELS

- › Soft Starter
- › TEFC motor
- › Fused disconnect

## TECHNICAL DATA

Model	Capacity FAD <sup>1</sup>		Number of Stages	Motor		Drive
	SCFM	L/MIN		HP <sup>2</sup>	kW	
<b>350 - 1000 PSIG (24 - 69 BAR)</b>						
B12.4	7.5	212	3	5	3.7	E1/E3
B22.5	24 - 33	680 - 935	3	15 - 20	11 - 15	E3
B23.4	48 - 61	1360 - 1728	3	30 - 40	22 - 30	E3
B25.4	75	2125	3	50	37	E3
B28.2	100 - 113	2832 - 3200	3	60 - 75	45 - 55	E3
B28.3 <sup>3</sup>	200 - 240	5665 - 6800	3	125 - 150	93 - 110	E3

1) Compressor capacity (FAD) is referenced to standard inlet conditions and 80% of the compressor's maximum working pressure. Tolerance +/- 5%.

2) 3-phase motors only, 60 Hz standard. 50 Hz available on request.

3) Maximum discharge pressure of 900 PSIG.

E1 = 230/1/60 E3 = 230 - 460/3/60 Other voltages and frequencies available upon request. Engine drives available.

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 Subject to technical changes