

# WELDCUT

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## SERIES 11

### SINGLE STAGE CYLINDER REGULATOR

#### FEATURES

- 200 / 250 bar MAXIMUM INLET PRESSURE
- SIX OUTLET CONTROL RANGES : 0-1, 0-2, 0-4, 0-5, 0-7, 0-10, 0-20 AND 0-30 bar
- BRASS, 316L SS, MONEL®, OR HASTELLOY® BODY
- TEFZEL® SEAT / TEFLON® SEAL
- 30 MICRON INLET FILTER
- 32 MICRO INCH FINISHED DIAPHRAGM CAVITY



THE SERIES 11, SINGLE STAGE REGULATOR, IS GAS CYLINDER READY. COMPLETE WITH CUSTOMER SPECIFIED INLET AND OUTLET PRESSURE GAUGES AND IS/CGA CONNECTOR. THESE COMPONENTS ARE SUPPLIED IN THE SAME MATERIAL AS THE REGULATOR BODY.

AVAILABLE IN BRASS, 316LSS, MONEL® OR HASTELLOY®, PERMIT THE SERIES 11 DESIGN TO HANDLE INERT OR THE MOST AGGRESSIVE OF GASES.

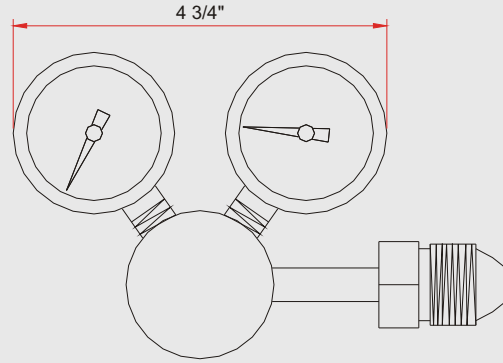
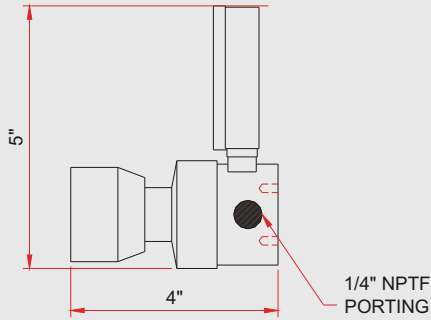
THE METAL DIAPHRAGM ASSEMBLY PROVIDES EXCELLENT DOWNSTREAM STABILITY WITH LESS THAN 1 PSIG. OF PRESSURE RISE PER 100 PSIG. LOSS IN CYLINDER PRESSURE.

THE STANDARD Cv FLOW COEFFICIENT OF .07 FOR LOW APPLICATIONS MAY BE OPTIONED TO A Cv OF .24 FOR MORE MODERATE FLOW RATES.

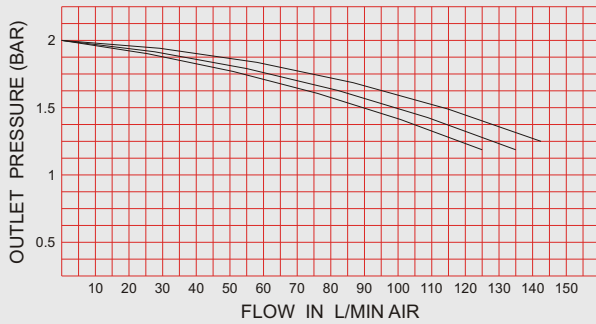
THE SERIES 11 CAN BE EQUIPPED WITH VARIOUS FACTORY INSTALLED OPTIONS. PLEASE REFER TO THE ORDERING INFORMATION ON THE REVERSE OF THIS PAGE.

#### APPLICATIONS

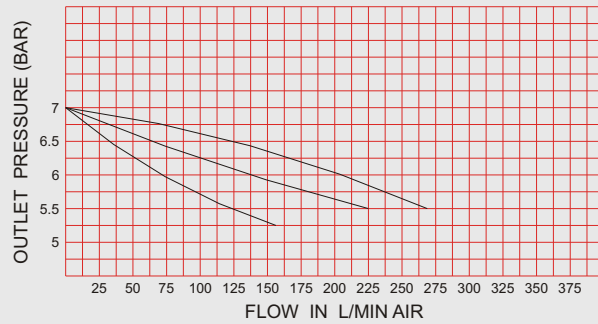
- CALIBRATION EQUIPMENT
- PETRO / CHEMICAL INDUSTRY
- GAS & LIQUID SAMPLING
- PURGE / CARRIER GASES
- COMPONENT TESTING
- INDUSTRIAL CONTROL



**SERIES 11**  
0-25 PSIG CONTROL RANGE W/07Cv



**SERIES 11**  
0-100 PSIG CONTROL RANGE W/07Cv



### ORDERING INFORMATION

\* EXAMPLE PART NUMBER 11 - 1 3 6 J C - 4

**SERIES**

**BODY MATERIAL**

- 1.....316L SS
- 2.....MONEL®
- 3.....HASTELLOY®
- 4.....BRASS

**CONTROL RANGE**

- 1.....0-1 BAR
- 2.....0-2 "
- 3.....0-4 "
- 4.....0-5 "
- 5.....0-7 "
- 6.....0-10 "
- 7.....0-20 "
- 8.....0-30 "

**PORT CONFIGURATION**

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....
- 8.....
- 9.....
- X..... SPECIAL

= INLET    = OUTLET

**OPTIONS**

- 1) PANEL MOUNT
- 2) MOUNTING BRACKET
- 3) .24 Cv
- 4) RELIEF VALVE
- 5) N/A
- 6) CHROME PLATING
- 7) ELASTOMER DIAPHRAGM
- 8) DOME LOADED
- 9) MS THREADS
- 10) AN THREADS
- 11) SAE THREADS
- 12) CONTAINED VENTED BONNET
- 13) NUCLEAR SERVICE
- 14) CONTAINED VENTED BONNET W/ PANEL MOUNT
- 15) OUTLET VALVE (PACKED)
- 16) OUTLET VALVE (PACKLESS)
- 17) N/A
- 18) SS BONNET
- 19) WELDED CONNECTIONS
- 20) HIGH TEMP SERVICE
- 21) 16 RMS FINISHED DIAPHRAGM CAVITY
- 22) 8 RMS FINISHED DIAPHRAGM CAVITY
- 23) KEL-F® SEAT
- 24) VESPEL® SEAT

**OUTLET GAUGE RANGE**

- A) 0 - 2.5 BAR
- B) 0 - 4 "
- C) 0 - 6 "
- D) 0 - 10 "
- E) 0 - 16 "
- F) 0 - 25 "
- G) 0 - 40 "
- H) 0 - 60 "

**INLET GAUGE RANGE**

- I) 0 - 160 "
- J) 0 - 200 "
- K) 0 - 250 "
- L) 0 - 280 "
- M) 0 - 300 "
- N) 0 - 400 "

\*SERIES 11 REGULATOR WITH 316L SS BODY, 0 - 7 BAR CONTROL RANGE, 0 - 400 BAR INLET GAUGE RANGE, 0 - 16 BAR OUTLET GAUGE RANGE, EXTRA OUTLET PORT WITH RELIEVE VALVE