

HIGH FLOW PRESSURE REGULATORS

20AG - G1/2 ... G1

20AG



Ported regulators for general purpose pneumatic applications
Relieving operation as standard
Options include non-relieving models and alternative spring ranges

ALTERNATIVE MODELS

Other pressure ranges
Adjusting screws
Non-relieving versions
Contact our Technical Service for details

TECHNICAL DATA

Medium:

Compressed air only

Maximum inlet pressure:

28 bar max.

Gauge ports:

G1/8

Ambient temperature:

-20°C ... +80°C

Consult our Technical Service for use below +2°C

MATERIALS

Body & bonnet: zinc alloy

Bottom plug: brass

Adjusting screw: steel plated

Elastomers: synthetic rubber

MODELS					ACCESSORIES		SERVICE KIT
Port size	Flow (dm ³ /s)	Range (bar) ‡	kg		Bracket kit	Gauge 0...10 bar***	
							
G1/2	60**	0,1 ... 3,5	1,40	20AG-X4G/PD100	18-001-005	18-013-013	20AG-X4-100
G1/2	60**	0,2 ... 8	1,30	20AG-X4G/PH100	18-001-005	18-013-013	20AG-X4-100
G1/2	60**	7 ... 16	1,29	20AG-X4G/PJ100	18-001-005	18-013-013	20AG-X4-100
G3/4	80**	0,1 ... 3,5	2,75	20AG-X6G/PD100	18-001-029	18-013-013	20AG-X8-100
G3/4	80**	0,2 ... 8	2,85	20AG-X6G/PH100	18-001-029	18-013-013	20AG-X8-100
G1	100**	0,1 ... 3,5	2,44	20AG-X8G/PD100	18-001-029	18-013-013	20AG-X8-100
G1	100**	0,2 ... 8	2,90	20AG-X8G/PH100	18-001-029	18-013-013	20AG-X8-100



Models listed include ISO G threads and relieving diaphragm

** Maximum flow with 7 bar inlet pressure, 4 bar outlet pressure and a pressure drop of 1 bar

*** Other pressure ranges available

‡ Can be adjusted to zero bar outlet pressure, and, generally, to pressures in excess of those specified

For non-relieving models delete 'X' from model no. e.g. 20AG-4G/PH100

For G3/8 size use Excelon or Olympian units

OTHER PRESSURE REGULATORS ARE AVAILABLE TO SUIT YOUR APPLICATION:

We can also supply pressure regulators to suit your specific requirements,* for example:

- Pre-set regulators
- Units degreased for oxygen use
- Units with minimum and/or maximum pressure settings
- Units for low or high temperature applications

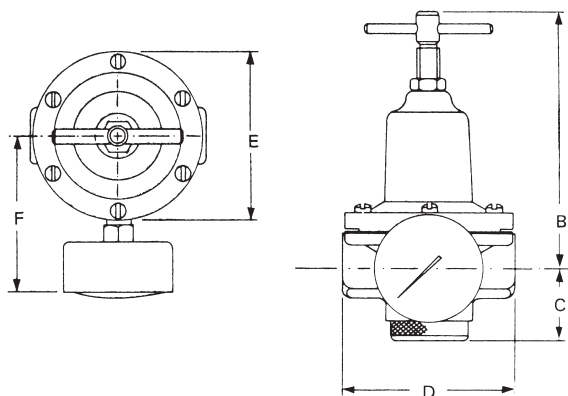
*Subject to quantity required, consult our Technical Service.

For further information



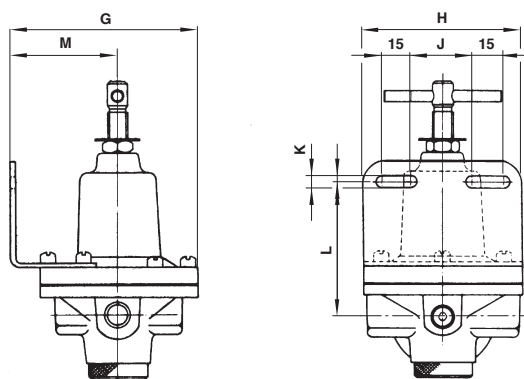
www.norgren.com/info/en6-110

DIMENSIONS



Series	B (max.)	C	D	E	F
20AG-X4G	125	35	85	85	125
20AG-X6G	185	40	115	125	160
20AG-X8G	185	40	115	125	160

Bracket mounting



Series	G	H	J	K	L	M
20AG-X4G	100	85	30	7	70	55
20AG-X6G	140	125	65	8	80	75
20AG-X8G	140	125	65	8	80	75

FLOW CHARACTERISTICS

