

# MODEL H47

## HIGH FLOW PIPELINE REGULATOR



Model shown:  
H47AS-40-OX

### KEY FEATURES

- Maximum inlet pressure 60 bar
- Rear inlet connection (H47L - side inlet)
- Air flow over 450 m<sup>3</sup>/h
- Stainless steel diaphragm
- T-screw handle provides smooth turning action and long service life
- One-piece encapsulated seat design with internal filter and PTFE (Teflon®\*) seat
- 7 year warranty

#### Applications »

- Designed for high flow requirement for feeding industrial gas pipelines for plasma and laser cutting



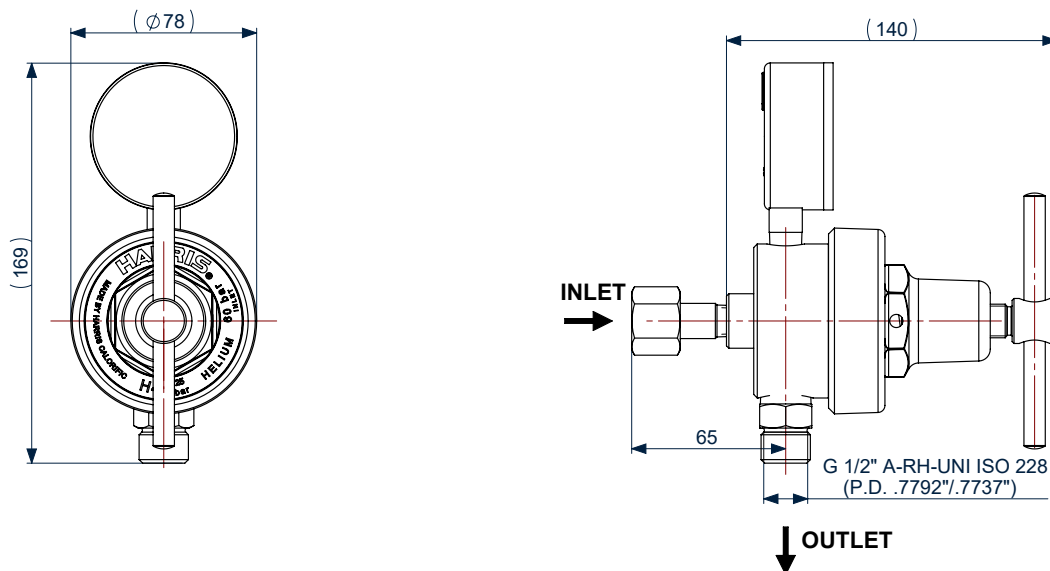
## TECHNICAL DATA

Gauges	63 mm
Maximum Inlet Pressure [bar]	60
Maximum Delivery Pressure [bar]	40

## MATERIALS

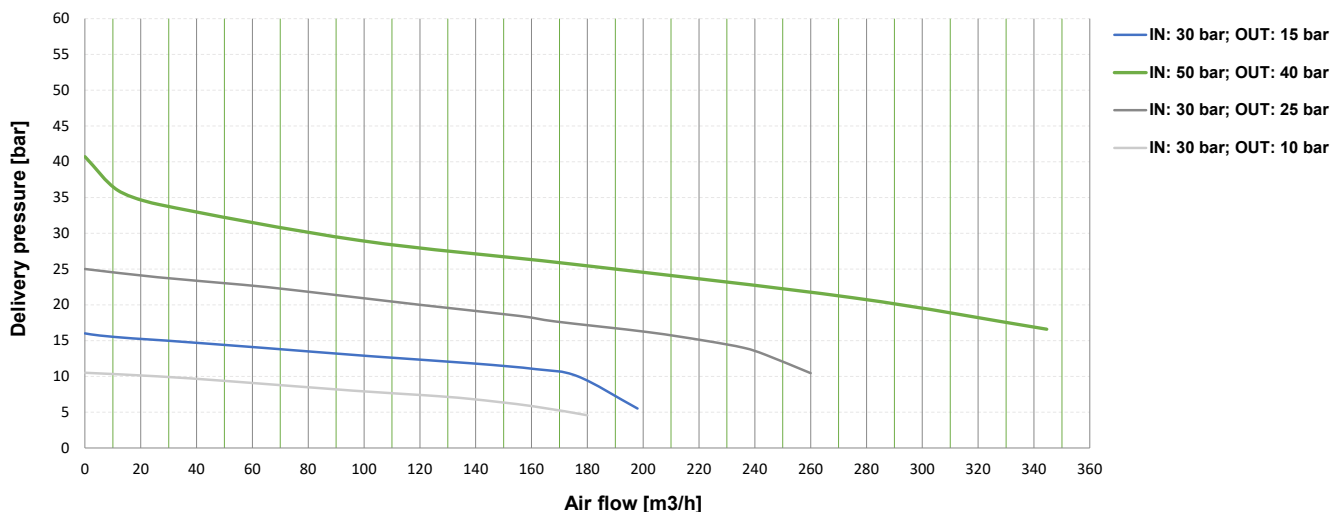
Body	Brass
Bonnet	Chrome plated Zinc-Aluminium Alloy
Diaphragm (regulator)	Stainless steel
Nozzle	Brass
Seals	NBR / NYLON / PTFE
Filter	Electroless nickel plated bronze
Adjusting Knob	Stainless steel T-bar

## TECHNICAL DRAWINGS



## FLOW CHARTS

Regulator H47L - FLOW CURVES



# PRODUCT CONFIGURATION

REG, H47

TYPE CODE (Only if non-standard)	
-	Horizontal entry (standard)
V	Placed in Kit
E	Vertical entry
A	Anti vibrator (lightweight gases)
D	IRV Diaphragm safety relief valve
R	External safety relief valve
S	Stainless steel diaphragm
B	Black-painted gauges
P	Without HP gauge
N	1/4" NPT gauge (std is 1/4" G)
G	Inlet connection 3/8"
W	Outlet valve (when not standard)
T	With lock "T" screw
X	With inlet stem valve "SNAP SAFE"

DELIVERY PRESSURE	
15	15 bar
25	25 bar
40	40 bar

CALIBRATION	
-	Pressure gauges calibrated bar or kPa
L	Flow gauge or indicator calibrated (lpm)
F	Flowmeter (lpm)
LK	Flow gauge or indicator in (lpm), Pressure gauge in kPa
FK	Flowmeter in (lpm), Pressure gauge in kPa

GAS	
OX	Oxygen
AIR	Air
AR	Argon
CD	Carbon Dioxide
N	Nitrogen
H	Hydrogen
HE	Helium
M	Methane

PROGRESSIVE NUMBER PERSONALIZES	
xxx	

**When placing an order, use the code generated according to the table.**

REG,H47 AS 40 - OX 2074

## NOTES

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