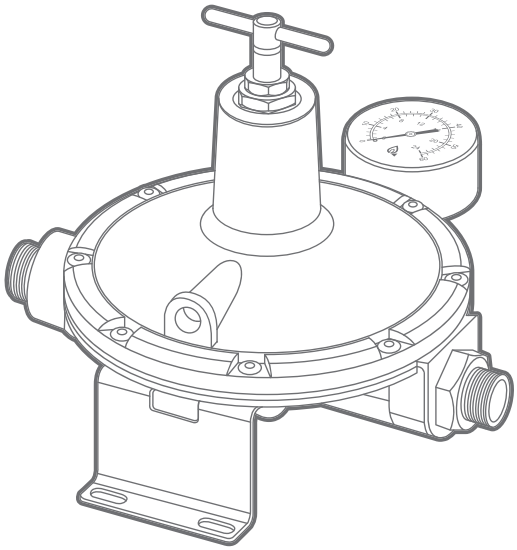
Tank Regulation - 2nd stage
BP3





Appplication

- BP3 regulators are particularly suitable forcontrol of industrial processes with high flow ratesand operating with LPG (butane, propane and their mixtures)natural gas and biomethane.They can be used with other non-aggressive gases such as compressed air, nitrogen, dry carbon dioxide, argonkrypton, neon, xenon.
- BP3 regulators offer the possibility to precisely adjust thethe regulated pressure within a wide range.
- They are particularly recommended for applications where applications requiring high accuracy of the regulated pressure pressure or for very low pressure applications (laboratory pressure applications (laboratory, gas mixing, etc.).

Features

- Inlet pressure up to 6 bar
- Interchangeable with BP2
- Precise pressure regulation
- High performance
- Easy to install
- Rotatable event
- Pressure gauge

Construction

- Conforms to the construction and performance standard EN 16129,
- Complies with the Pressure Equipment Directive PED 2014/68/EC and CE marked when Pd ≥ 500 mbar.
- Body and cover: cast aluminium.
- Connections: brass according to EN 12164.
- Diaphragm: reinforced NBR, according to EN 549.
- Valve: HNBR according to EN 549.
- Body/cover nuts: stainless steel.
- Pressure gauge: according to EN 837-1 and EN 837-3.

Outlet pressure Pdmin - Pdmax	Inlet pressure - Pu (bar)						
	0.3	0.5	0.8	1	1.5	4	6
001235AA							
Pd Min - Pd Max (mbar)	7 - 19	7 - 19	8 - 19	8 - 19	8 - 20	11 - 23	14 - 25
Capacité de débit (kg/h de Propane)	15 - 20	20 - 25	22 - 30	25 - 35	30 - 40	35 - 45	40 - 50
Capacité de débit ((n)m3/h de GN)	12 - 16	16 - 20	18 - 24	20 - 28	24 - 32	28 - 36	32 - 40
001235AB							
Pd Min - Pd Max (mbar)	5 - 70	5 - 75	5 - 80	5 - 80	5 - 85	7 - 87	10 - 90
Capacité de débit (kg/h de Propane)	15 - 25	25 - 35	35 - 50	40 - 55	45 - 60	45 - 100	45 - 125
Capacité de débit ((n)m3/h de GN)	12 - 20	20 - 28	28 - 40	32 - 44	36 - 46	36 - 80	36 - 100
001235AC							
Pd Min - Pd Max (mbar)	5 - 250	5 - 330	6 - 330	6 - 350	8 - 360	13 - 360	20 - 370
Capacité de débit (kg/h de Propane)	25 - 35	30 - 45	33 - 55	35 - 60	40 - 100	50 - 175	50 - 200
Capacité de débit ((n)m3/h de GN)	20 - 28	24 - 36	26 - 44	28 - 48	32 - 80	40 - 140	40 - 160
001235AD							
Pd Min - Pd Max (mbar)	-	190 - 400	200 - 540	200 - 550	200 - 550	210 - 580	220 - 600
Capacité de débit (kg/h de Propane)	-	40 - 60	60 - 80	70 - 90	85 - 125	130 - 210	160 - 275
Capacité de débit ((n)m3/h de GN)	-	32 - 48	48 - 64	56 - 72	68 - 100	104 - 168	128 - 220
001235AE							
Pu (bar)		0.5	0.8	1.2	1.5	4	6
Pd Min - Pd Max (mbar)	-	150 - 250	150 - 650	150 - 900	160 - 950	170 - 990	180 - 1000
Capacité de débit (kg/h de Propane)	-	20 - 40	25 - 50	30 - 75	40 - 110	70 - 190	80 - 300
Capacité de débit ((n)m3/h de GN)	-	16 - 32	20 - 40	24 - 60	32 - 88	56 - 152	64 - 240

The maximum possible flow rate capapcity is based on a 20% drop of outlet pressure from the nominal pressure.
For example, for regulator 001235AC, in position Pd Max supplied at 1 bar, the nominal outlet pressure is 350 mbar and the maximum possible flow capacity is indicated for an outlet pressure of 280 mbar, i.e. 60 kg/h of propane or 48 (n)m3/h of natural gas.