Tank Regulation - 2nd Stage

BP24F - BP24F UPSO - BP24FR - BP24S - BP24S UPSO







Application

- These products are mainly used in large power LPG, Natural Gas or SNG installations (domestic networks, commercial, agriculture or industrial) as final stage or intermediate stage, regulators. They can also be used with air, nitrogen and other non-aggressive gases.
- Capacity up to 150kg/h (2070kW)

Features

- Internal sensing (no special sensing pipe connection required)
- Accurate pressure control
- Certain models are equipped with UPSO safety device
- Low capacity pressure relief valve (LRV) on certain models
- CE marked following PED 2014/68/UE European directive for BP24F range
- The regulator vent can be connected to a pipe.

Construction

- Valve body: die cast aluminium alloy
- Regulating units (body and cover): die cast aluminium alloy
- Diaphragm: NBR-R
- Valve pad: NBR



BP24S
001300CA

Code	Inlet code	Inlet connexion	Outet code	Outet connexion	Inlet pressure (Pu) bar	Outlet pressure (Pd) mbar	Declared gas	Flow rate kg/h of propane or LPG (S)m3/h of NG	Flow rate kW	OPSO mbar	PRV mbar	UPSO mbar	Upstream pressure testing point	Downstream pressure testing point	Original vent orientation*	Performances rule
BP24F																
001206CA	F3F	FEM. Rc1	F3J	FEM. Rc1 1/4	0,24- 0,5	21 (19 -23)	NG	40	448	-	-	-	Schrader	8 mm	3	EN 334 (AC10 SG20) **
001200CA					(0,3) 0,5 - 2	30 (25 - 43)	LPG	70 (60)	966 (828)	-	75	-			3	EN 16129
001230CX	F5F	FEM. 1 NPT	F5J	FEM. 1 1/4 NPT						-	75	-			3	
001205CA	F3F	FEM. Rc1	F3J	FEM. Rc1 1/4	(0,3) 0,5 - 2	37 (32 - 48)	Propane			-	75	-			6	EN 16129 (EN 437 DP5)
001212CA										-	-	-			6	
001211CB	F5F	FEM. 1 NPT	F5J	FEM. 1 1/4 NPT	0,5 - 5	75 (50 - 100)	Propane	100 (NG 85)	1380 (NG 952)	-	120	-			3	EN 16129
001211CC					0,6 - 5	125 (80 - 180)				-	200	-			3	
001215CA	F3F	FEM. Rc1	F3J	FEM. Rc1 1/4	0,65 - 5	150 (80 - 180)				-	-	-			6	
001216CA					0,8 - 5	300 (200 - 350)				-	-	-			3	
BP24F UPSO																
001240CC	F3F	FEM. Rc1	F3J	FEM. Rc1 1/4	60 - 90 (150) mbar	37 (32 - 48)	Propane	25 (50)	345 (690)	-	75	28	Schrader	8 mm	6	BS 6891 **
BP24FR																
001210CA	F3F	FEM. Rc1	F3J	FEM. Rc1 1/4	0,5 - 5	20 - 300	LPG	15 - 80	207 - 1104	-	Pd + 60	-	Schrader	8 mm	3	EN 16129
001210CX	F5F	FEM. 1 NPT	F5J	FEM. 1 1/4 NPT						-	Pd + 60	-			3	
BP24S																
001300CA	F3F	FEM. Rc1	F3F	FEM. Rc1	(0,3) 0,5 - 2	30 (25 - 43)	LPG	60 (50)	828 (690)	-	75	-	Tap G.1/8"	Tap G.1/4"	6	EN 16129
001300CB					(0,3) 0,5 - 2	37 (32 - 48)	Propane			-	75	-			6	EN 16129 (EN 437 DP5)
001300CC					0,5 - 5	75 (50 - 100)		70 (60 NG)	966 (672 NG)	-	115	-			6	EN 16129
001300CD					0,65 - 5	150 (80 - 180)		80 (70 NG)	1104 (784 NG)	-	225	-			6	
001300CE					0,8 - 5	300 (200 - 350)				-	420	-			6	
BP24S OPSO																
006847CA	F3F	FEM. Rc1	F3F	FEM. Rc1	(0,3) 0,5 - 2	30 (25 - 43)	LPG	60 (50)	828 (690)	130	75	22	Tap G.1/8"	Tap G.1/4"	6	EN 16129
006847CB					(0,3) 0,5 - 2	37 (32 - 48)	✓			130	75	28			6	EN 16129 (EN 437 DP5)
006847CC					0,5 - 5	75 (50 - 100)	Propane	70 (60 NG)	966 (672 NG)	140	115	-			6	EN 16129
006847CD					0,65 - 5	150 (80 - 180)		80 (70 NG)	1104 (784 NG)	300	225	-			6	
006847CE					0,8 - 5	300 (200 - 350)				475	420	-			6	

* Orientation rule: Position of the vent to be read like a watch face, seen from above with the input connection = 6 hours and the output direction = 12 hours
** Designed, manufactured and tested according to EN 16129 standard

BP24S: 006847CB → 006847CA & 006847CC

CLESSE-BP24S	CLESSE-BP24S	CLESSE-BP24S	CLESSE-BP24S	BD-240P
	Flow capacity Kg/h LPG	Flow capacity (S) SCMH LPG Density 2 kg/m3	Flow capacity (S) SCMH NG Nm3/hr	Flow capacity (S) SCMH NG
Pu=0,3 bar	60	30	53	
Pu=0,5 bar	75	38	67	
Pu=0,75 bar	90	45	80	
Pu=1 bar	100	50	89	77
Pu=1,5 bar	115	57	102	

Nm3/hr GLP



BP24S - OPSO