

TECHNICAL PRODUCT SPECIFICATION

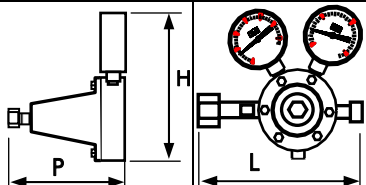
PRODUCT: MANIFOLD NITROGEN LARGE FLOW PRESSURE REGULATOR

REFERENCE: 333.00.420

Construction characteristics:

GAS USED:	NITROGEN		
APPLICATION STANDARDS:	UNE-EN-2503 and UNE-EN-7192		
APPLICATIONS:	For installation in manifold systems, pipe systems and large consumptions. They can be manufactured with different types of couplings depending on the customer's needs. For blocks of bottles, stations and pipe system, in different gases.		
MATERIALS:	ACCORDING TO EN 29.539		
Body (Treatment)	STAMPED BRASS CuZn39Pb3 DEGREASING, POLISHING AND PASSIVATING	Joints	NYLON AND EPDM
Cover (Treatment)	STAMPED BRASS CuZn39Pb3 DEGREASING, POLISHING AND PASSIVATING	Filter	SINTERED BRASS
Seal	NYLON	Membrane	NBR
Pressure spring	DIN 2076 ZINC-PLATED STEEL	Sealing spring	STAINLESS STEEL 17224

PRESSURE GAUGES:	ACCORDING TO EN 562 Class 2.5		
INLET THREAD:	GAS 3/4" RH INT.	OUTLET THREAD:	GAS 3/4" RH EXT.

WEIGHT:	4,575 Kg.	DIMENSIONS:		L=	25 cm.
Maximum temp. of use:	60°C			P=	20 cm.
Minimum temp. of use:	-25°C			H=	18 cm.

Technical characteristics:

CLASS ACCORDING TO UNE-EN-2503:	Not classifiable
RATED MAXIMUM INLET PRESSURE (P1):	300 bar
RATED MAXIMUM OUTLET PRESSURE (P2):	12,5 bar
STANDARD DISCHARGE (Q1):	100 Nm ³ /h
STABILISED OUTLET PRESSURE (P4):	13,6 bar
MAXIMUM DISCHARGE AT PRESSURE P2 (Q max):	500 Nm ³ /h
PRESSURE INCREASE COEFFICIENT (R):	0,135
IRREGULARITY COEFFICIENT (i):	0,208

