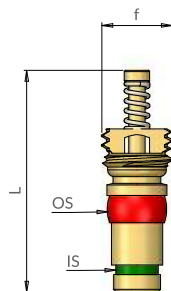


Valve cores

Technical features



PATENTED

	I/V2982.1 CO ₂	I/V29832PEU.ECO NEW 2020	P/V2998.ECO NEW 2017 R 290 ready	I/V29982PEU.ECO NEW 2017 R 290 ready	P/V3002EU	I/V30062PEU
EC	C	C	B	C	-	C
L mm (inche)	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")	16,3 (0,64")
F	5V1	5V1	5V1	5V1	5V1	5V1
Site	I	I	I	I	I	I
Double body	X	X	-	X	X	X
HT	-	-	-	-	-	-
HP	X	X	X	X	X	X
Inner spring	-	-	-	-	-	-
Surface treat.	-	Nickel plated	Nickel plated	Nickel plated	Nickel plated	Nickel plated
Scope - General use	Recommended for water-steam, water based drilling fluids, amines, alkalines, hydrogen sulfide, silicone oil and grease, gaseous CO ₂ , petroleum fluids (<10% mixtures), ketones, phosphates, alcohols, dilute acids, ozone, cleaning agents. Resistant to extrusion at high pressure, to explosive decompression.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Best performance at low temperature.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Valve core with HNBR approved PSA S27 3100. R290 ready.	Valve core for refrigeration systems: HC + HFC + HFO + BLENDS (mix HFO+HFC) (PAG, POE,PVE,OM). Not compatible with gas R11, R12, R22, R123. Ideal for high operative pressure. Valve core with HNBR approved PSA S27 3100. R290 ready.	Valve core for air applications. Recommended for special applications like diving tanks.	Valve core for refrigeration systems: R11, R12, R22, R123, R134A, R404A, R407C, R410A. Valve core for HFC + HFO + BLENDS cylinders. PAG + POE + PVE. Not compatible with mineral oils (OM).
Outer Seal OS	EPDM	HNBR VDRN91 (Lopigom)	PTFE	HNBR (Lopigom)	PTFE	CHLOROPRENE
Inner Seal IS	EPDM	HNBR VDRN91 (Lopigom)	HNBR (Lopigom)	HNBR (Lopigom)	SYLICON	CHLOROPRENE
Torque force Nm (lbf ft)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)	0,40 - 0,50 (0,30 - 0,37)
Spring load gr (lb)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)	>200 (>0,44)
Operating pressure bar (psi)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)	0 - 60 (0 - 870)
Static max. pressure bar (psi)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)
Working temperature °C (°F)	-35 +120 (-31 +248)	-45 +120 (-49 +248)	-25 +130 (-13 +266)	-25 +145 (-13 +293)	-60 +200 (-76 +392)	-32 +100 (-25 +212)
Temperature threshold °C (°F)	-50 +150 (-58 +302)	-50 +130 (-58 +266)	-35 +150 (-31 +300)	-35 +160 (-31 +320)	+230 (+446)	-40 +130 (-40 +266)
Air flow rate 7 bar - 100 psi m ³ / h (lt / minute)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)	>12 (>200)

The information included in the table are general points and not a product validation for each specific final use