



General features

	MDS
Technology	Piston and dynamic seals
Reduction stages	2
Weight	1.8 kg
H x L x W	155 x 140 x 140 mm
Particle protection screen	10 µm class
SOV	12 V or 24 V, embedded
PRV	38barG Embedded ECE R110 class 1 area
Heating circuit	Internal, by engine coolant

Functional features

	MDS
Inlet pressure range	15 – 220 barG
Max flow rate @20 barG pIN	90 Kg/h (CH ₄)
Proof pressure	300 barG
Setup pressures range	2 – 9 barG
Ambient temperature range	-40 / +120 °C
Leak to environment	15 Ncc/h (ECE R110)

Materials

	MDS
Body	Aluminum
Piston and cylinder	Aluminum
Dynamic seals	Polyurethane
Static seals	HNBR, FKM and PA

Type approvals

	MDS
ECE R110 (and ECE R10)	X
ISO15500	X
ANSI NGV 3.1	-

