



100mm PRESSURE COMPENSATED BOTTOM VALVE

316 STAINLESS STEEL

A.D.R. CERTIFIED

EUROPEAN STANDARD EN13316:2002

DATA SHEET and MATERIAL CERTIFICATE

for

PRODUCT CODE: AMF-BOV-100-90-PC-V2-ADR-316

SN: #####

PART	MATERIAL
MAIN BODY	STAINLESS STEEL G316
ACTUATOR, MAIN PISTON & CAGE	STAINLESS STEEL G316
SPRING & STRAINER	STAINLESS STEEL
SEALS	VITON & VITON ENCAPSULATED
FASTENERS	STAINLESS STEEL

* - If applicable, copies of supplier material certificates available on request

PRODUCTION TEST REQUIREMENTS

Acceptance criteria: Tests 1 & 2: EN12266-1:2012 Table A.5. Test 3: EN12266-2:2012 Annex B.1

"A" No visually detectable leaks for the duration of the test

"B.1.3" Move obturator between open and closed positions

TEST #	TEST TYPE	TEST FLUID	TEST DURATION Table A.4	TEST CRITERIA Table A.5	RESULT
1	Shell Tightness (Test P11)	Water	60 seconds	No visible leaks	PASS
2	Seat Tightness - Loading (Test P12)	Water	60 seconds	No visible leaks	PASS
	Seat Tightness - Off Loading (Test P12)	Water	60 seconds	No visible leaks	PASS
3	Operability (Test F20)	N/A	Min. 5 times	No Lubrication	PASS

TESTING PRESSURE

TYPE TEST	TEST PRESSURE
Shell Tightness	500kPa
Seat Tightness - loading	500kPa
Seat Tightness - off loading	27kPa