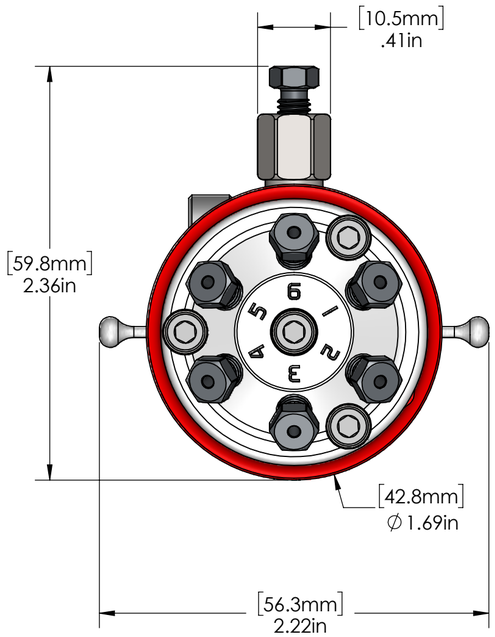
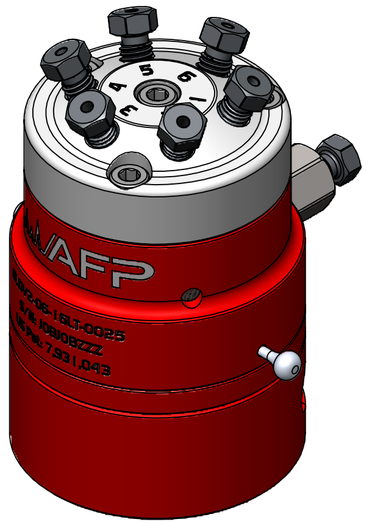
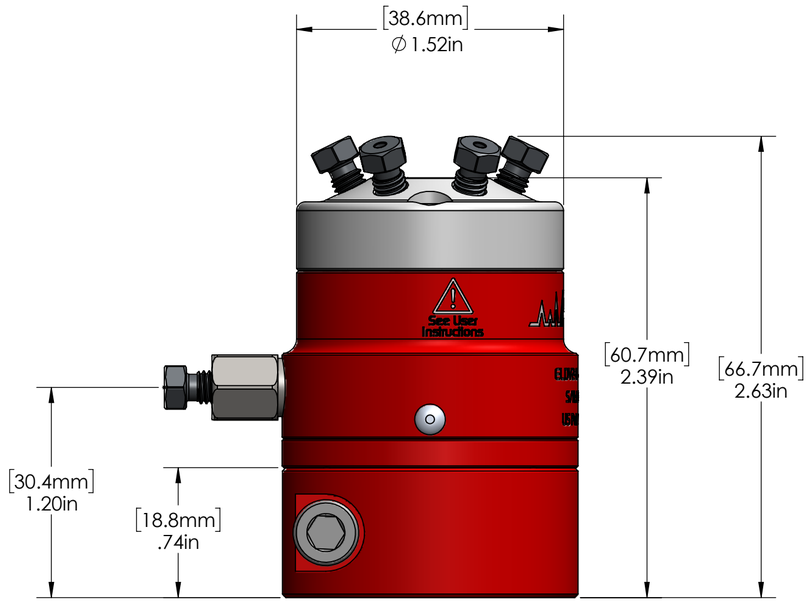
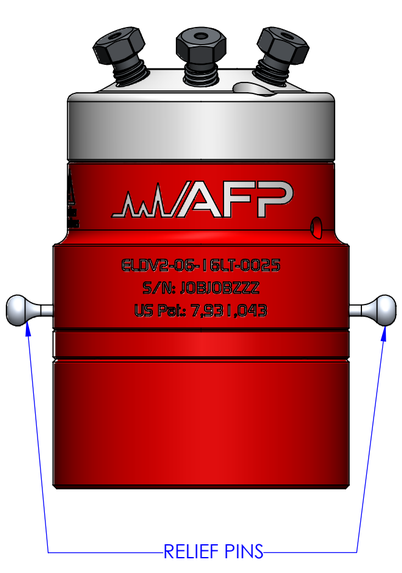
DATE	SYM	REVISION RECORD	ECO	DWN	ENG	MFG
2017-12-19	00	NEW RELEASE	0088	AC	AC	SL
2019-07-10	01	Actuation Update	0168	JS	EB	SL









SPECIFICATIONS:

VALVE P/N ----------ELDV2-06-16LT-0025
VALVE TYPE ---------- HIGH PERFORMANCE GRADE, LOW TEMPERATURE
NUMBER OF PORTS ---------- 6
PORT SIZE ---------- 0.030" [0.76 mm]
PORT CONNECTION ---------- 1/16" [1.6 mm]
MAX. WORKING PRESSURE ---------- 300 PSI [2068 kPa]
MAX. INITIAL LEAK RATE---- ----------3.7E-10 Atm-cc/s He
MAX. INITIAL PRESSURE DROP----------10 kPa @ 75 sccm N_2, 3 kPa between any sections
ACTUATOR TYPE ----------PNEUMATIC SINGLE ACTUATION (SPRING RETURN)
ACTUATION PRESSURE ---------- 65 PSI [458 kPa]
GAS CONSUMTION PER ACTUATION ---------- 0.05 in^3 [0.82 ml]
MAX. WORKING TEMPERATURE ---------- 212°F [100°C]
MATERIAL ---------- ALUMINUM BODY
SS-316L VALVE HEAD
AFPD-1 DIAPHRAGM TYPE

UNLESS OTHERWISE SPECIFIED:
- ALL DIMENSIONS ARE IN INCHES
- SURFACE FINISH IS IN Ra MICROINCHES (µIN)
- UNSPECIFIED SURFACES MUST BE 64 Ra µIN OR BETTER
- REMOVE ALL BURRS & SHARP EDGES .003-.010
- TOLERANCES ARE:
  .XX ±.010 FRACTIONAL ±1/64"
  .XXX ±.003 ANGULAR ±.5°
  .XXXX ±.001
- UNSPECIFIED INSIDE CORNER RADIUS 0.010 MAX
- REFER TO 3D MODEL FOR DIMENSIONS NOT SHOWN. TOLERANCE .XX APPLIES
- DO NOT SCALE DRAWING

MATERIAL: -

FINISH: -

ACCORDANCE WITH LATEST ASME Y14.5

2659, boul. du Parc Technologique,
Québec
Québec, CANADA
G1P 4S5
Tel.: 418-338-0004
Fax.: 418-338-2500
Email: info@afproducts.ca
Web: www.afproducts.ca

DESCRIPTION: 6-Port 1/16 LT NoPurge ShorNut

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UNIT	SIZE	DWG. NO.	REV.
IN	C	ELDV2-06-16LT-0025	01

SCALE 1.5:1 SHEET 1 OF 3