

R13AAH SimpliSqueeze® Valve

Description:

Capable of dispensing liquids, gases or powders at controlled dosages, the SimpliSqueeze® elastomeric valve is ideally suited for packaging applications that require effective drip-proof, bi-directional or one-way flow control with few components or moving parts. This valve replaces multi-component ball and spring or other complex check valves & flow control valves.

Valve Characteristics:

- **Outside Diameter:** .700" (17.78 mm)
- **Material:** Silicone
- **Valve type:** V style, rolling sleeve
- **Opening pressure:** Medium
(low = 1"-16" (0-.58 PSI), medium = 17"-26" (.6 - .94 PSI) and high = 27" + (1 + PSI)
- **Unique Properties:** Good product cut-off.
- **Applications:** This valve is best suited for medium to thick products like shampoo, body wash, lotions, sauces and condiments.

Related Documents:

- **Engineering drawing:** ECA-4218 (+REV)
- **Customer drawing:** CBA-4218 (+REV)
- **Project number:** 01-141

Valve Performance by Slit Size

SLIT SIZE inches / mm	OPEN (H ₂ O Column Height) inches / mm / PSI	CLOSE (H ₂ O Column Height) inches / mm / PSI	Constant Flow (@ 30" of H ₂ O) ml / sec
.130 / 3.302	26 / 660 / .94	19 / 483 / .69	4
.160 / 4.064	26 / 660 / .94	18 / 457 / .65	7
.187 / 4.750	26 / 660 / .94	17 / 431 / .61	10
.220 / 5.588	26 / 660 / .94	15 / 381 / .54	13
.250 / 6.350	26 / 660 / .94	13 / 330 / .45	19
.300 / 7.620	25 / 635 / .90	10 / 254 / .36	26

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