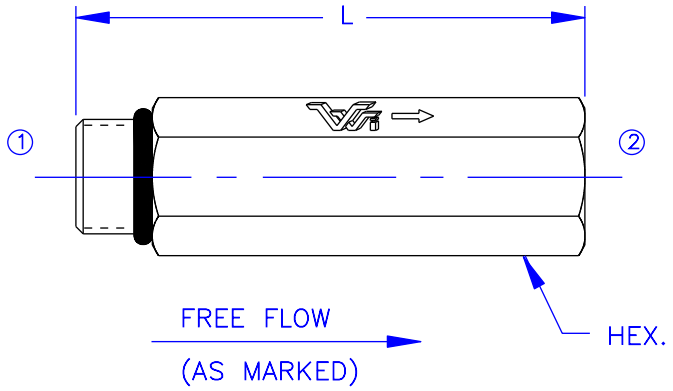
CHECK VALVE

IN-LINE

10312-800 SERIES

POPPET TYPE
MALE TO FEMALE SAE



DESCRIPTION

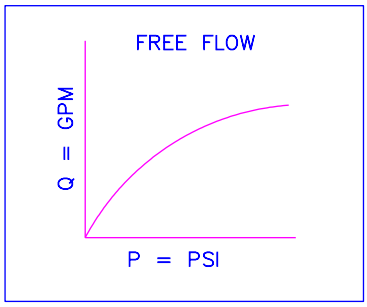
– AN IN–LINE STYLE, CHECK VALVE INTENDED FOR BLOCKING FLUID FLOW.

OPERATION

– FLOW FROM "1" TO "2" IS ALLOWED WITH A STANDARD CRACK PRESSURE OF 5 PSI.
– FLOW FROM "2" TO "1" IS BLOCKED WITH A SPRING BIAS TO ASSIST IN STATIC AND LOW LOAD CONDITIONS.

FEATURES

– LOW INTERNAL LEAKAGE, 5 DPM.
– LOW PRESSURE DROP.
– ALUMINUM BODY.
– STEEL POPPET.
– NO INTERNAL PACKINGS.
* SPECIAL CRACK PRESSURES AVAILABLE UPON REQUEST.



– SPECIFICATIONS –	
HYDRAULIC SYMBOL	① ②
OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250°F TO –40°F
STANDARD CRACK PRESSURE	5 PSI *
ALL DIMENSIONS IN INCHES	

– ORDERING INFORMATION –

ASSEMBLY NUMBER 10312–80X–XX

SERIES NUMBER
THREAD SIZE
CRACK PRESSURE (PSI) (IF NON–STANDARD)

MODEL	CONN. 1 / 2	THREAD	FLOW CAPACITY	L	HEX.
10312–804	#4 SAE	7/16–20	3 GPM	1.74	0.625
10312–806	#6 SAE	9/16–18	10 GPM	1.78	0.750
10312–808	#8 SAE	3/4–16	20 GPM	2.50	0.938
10312–810	#10 SAE	7/8–14	30 GPM	3.00	1.125
10312–812	#12 SAE	1 1/16–12	40 GPM	3.48	1.250
10312–816	#16 SAE	1 5/16–12	50 GPM	4.18	1.625

Vonberg Valve, inc.
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