

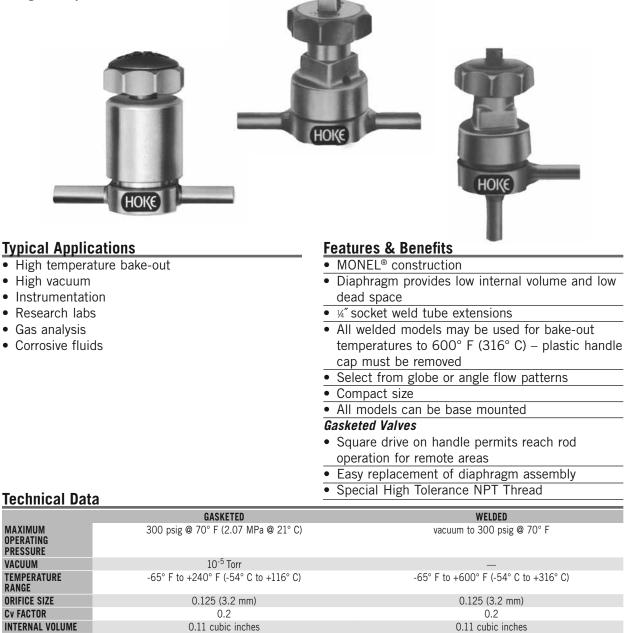
Gasketed & Welded Diaphragm Valves

### Introduction

HELIUM LEAK TEST -ENVELOPE MAX.

-SEAT MAX.

Available in gasketed and welded versions, this valve offers a Cv of 0.2. Operating temperature range of the welded construction version is  $-65^{\circ}$  to  $+600^{\circ}$  F ( $-54^{\circ}$  to  $+316^{\circ}$  C), permitting it to be used for high temperature bake-out. The gasketed version can be used in high vacuums, corrosive fluids, and gas analysis.



5 x 10<sup>-9</sup> SCC/SEC

1 x 10<sup>-8</sup> SCC/SEC

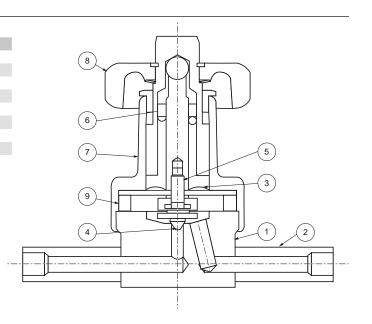
5 x 10<sup>-9</sup> SCC/SEC 1 x 10<sup>-8</sup> SCC/SEC packless valves

CAS AND LIQUID CONTROL TE

Level & Temperatu Tube & Fittings HVACR Custom Services

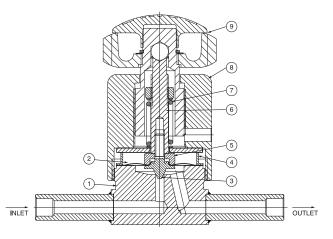
## Materials of Construction

Gasketed					
	DESCRIPTION	MONEL®			
1	Body	MONEL®			
2	Tube extensions	MONEL®			
3	Diaphragm	INCONEL®			
4	Stem point	MONEL <sup>®</sup> K-500			
5	Stem	316 stainless steel			
6	Compression spring	Music wire			
7	Housing	Brass, nickle-plated			
8	Handle	Ni silver			
9	Gasket	Aluminum			



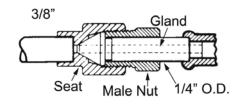
#### Materials of Construction Welded

	DESCRIPTION	MONEL®
1	Body	MONEL®
2	Diaphragm	INCONEL®
3	Stem point	MONEL <sup>®</sup> K-500
4	Diaphragm ring	MONEL®
5	Diaphragm clamp	316 stainless steel
6	Stem	316 stainless steel
7	Compression spring	Music wire
8	Housing	316 stainless steel
9	Handle	Ni silver



This tube union is designed for use with all 4600 Series valves in high vacuum applications. The gland end may be connected to tubing or block with  $\frac{1}{4}$ " O. D. The seat end will fit tubing or a projection of  $\frac{3}{8}$ " O. D. (To order, specify part number **62076**.)

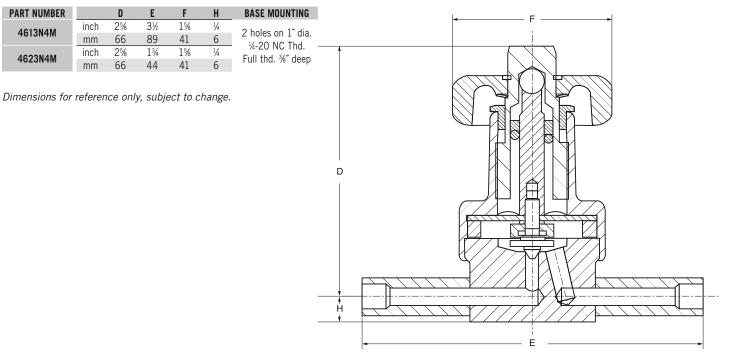
DESCRIPTION	MATERIAL
Seat end	MONEL®
Gland	MONEL®
Male Nut	aluminum bronze



14 HOKE

### **Dimensions**

#### Gasketed



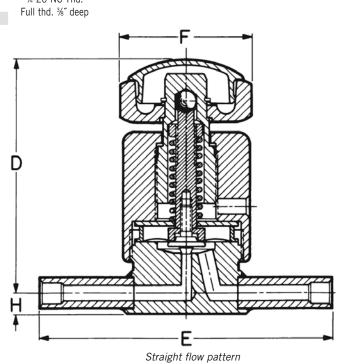
Straight flow pattern

### **Dimensions**

#### Welded

CONNECTIONS	FLOW PATTERN		D	E	F	Н	BASE MOUNTING
1/" OD tubo	Angle	inch	2 <sup>13</sup> /16	1¾	1%	1/4	O halaa ay 1″ dia
¼″ 0.D. tube	Angle	mm	71	44	41	6	2 holes on 1" dia. ¼-20 NC Thd.
¼″ 0.D. tube	Straight	inch	2 <sup>13</sup> /16	31/2	1%	1/4	Full thd. 3/6" deep
		mm	71	89	41	6	

Dimensions for reference only, subject to change.



#### How to Order

Order valve by part number shown in chart.

			ORDER BY PART NUMBER
	CONNECTIONS	FLOW PATTERN	MONEL®
GASKETED	1/4" Tube extensions	Straight	4613N4M
GASKETED	<sup>1</sup> /4" Tube extensions	Angle	4623N4M
WELDED	1/4" Socket weld tube extensions	Straight	4618N4M
WELDED	1/4" Socket weld tube extensions	Angle	4628N4M

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