



REVISION HISTORY

REV	ECO NO. YYYY-MM-DD	NAME	NOTES
-0	2016-022 2016-05-04	SGO	Initial Release [SCD]

GENERAL SPECIFICATIONS

Material: UNS C36000 (CDA-360)
Chrome-Plated Brass

Weight: 13.4 oz [382 g]

Inlet: 3/4-16 UNF-2A SAE-8 EXT THD (Cylinder Mount)
7/16-20 UNF-2B SAE-4 INT THD **[NOTE 2]**

Outlets (Valved): (3x) 7/16-20 UNF-2B SAE-4 INT THD
Outlets (Un-valved): (2x) 7/16-20 UNF-2B SAE-4 INT THD

PRD Port: 3/8-24 UNF-2B INT THD **[NOTE 3]**

Operating Pressure: 3000 PSI
Temp Range: -50°F to +130°F [-45°C to +55°C]

NOTES:

- Cleaned for Oxygen service
- [2]** Axial SAE-4 INT THD inlet port available for cylinder Dip Tube or Remote Mount applications
- [3]** Requires Pressure Relief Device (PRD) as indicated by cylinder service pressure

PRD: Pressure Relief Device

Cylinder Service Pressure	MH Part Number	Disc Rupture Range PSIG at 160°		Rupture Disc Stamping
		Minimum	Maximum	
1800	00VEN-0011-00	2700	3000	3000
2015	00VEN-0015-00	3025	3360	3360

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
0.X ±0.015
0.XX ±0.010
0.XXX ±0.005

ANGLES ±3°
FRACTIONS ±1/64

**MH MOUNTAIN HIGH E&S CO.
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INTERPRET GD&T PER ASME 14.5

THIRD ANGLE PROJECTION	DRAWN SGO 2016-04-22	DWG TITLE Hex Valve		
	CHECKED EAM 2016-05-04	DWG NUMBER 51CYL-0024-00		DWG REV. -0
	ENGINEER PLM 2016-05-03	CAD FILE	INV. PART NUMBER 00CYL-0024-00	PRODUCT NAME Hex Valve
DO NOT SCALE DRAWING	APPROVED HBS 2016-05-04	DWG FORMAT: ESR-002 Rev H [16]	DWG SCALE 1:1	DWG SHEET 1 OF 1
				DWG SIZE A

Insert #: 51CYL-0024-00