Chrome Plated Cylinder Valves

O-Ring Seal Technology for all Medical Gases

HARRISON
PRECISION VALVE PRODUCTS

NGT Tapered Threads for Steel Cylinders
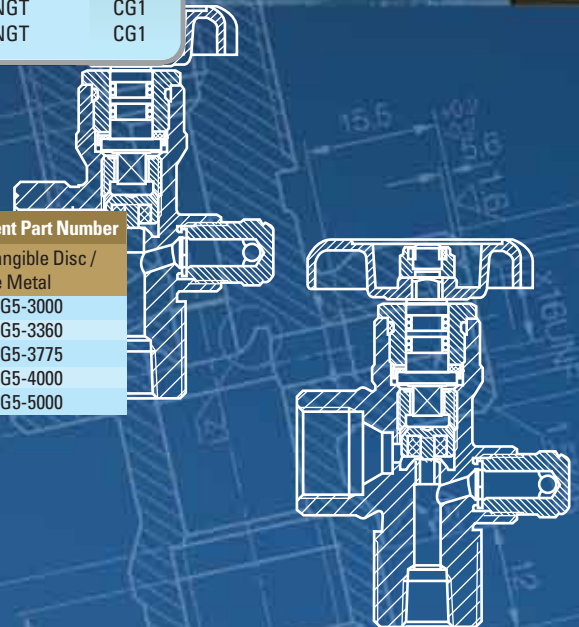
KEY FEATURES:
- O-ring seal technology provides superior leak integrity.
- Lower plugs are designed specific for the gas service intended.
- Easy operation under all pressures.
- 100% leak testing on entire production.
- Meets and exceeds CGA V9 and ISO 10297.
- Unitized plug with robust hex and threads insure easy installation.
- Most valves supplied with threaded inlet for siphon tubes.
- Oxygen valves passed stringent adiabatic oxygen compression testing per ISO 10297.
- All valves are bagged and cleaned for oxygen service per CGA G4.1.
- Common design safety and hand wheels readily available.

Part Number	Gas Service	CGA	Outlet Thread	Inlet	Safety
V280-6-1-XXXX	Medical Breathing Mixtures	280	.745-14NGO RH EXT	3/4"NGT	CG1
V296-6-1-XXXX	Industrial Oxygen Mixture	296	.803-14UNS-2B RH INT	3/4"NGT	CG1
V320-6-1-XXXX	Carbon Dioxide	320	.725-14NGO RH EXT	3/4"NGT	CG1
V326-6-1-XXXX	Nitrous Oxide	326	.825-14NGO RH EXT	3/4"NGT	CG1
V500-6-1-XXXX	Medical Gas Mixture	500	.885-14NGO LH EXT	3/4"NGT	CG1
V540-6-1-XXXX	Oxygen	540	.903-14NGO RH EXT	3/4"NGT	CG1
V580-6-1-XXXX	Inert (Helium, Nitrogen, Argon)	580	.965-14NGO RH INT	3/4"NGT	CG1
V590-6-1-XXXX	Inert (Helium, Nitrogen, Argon)	590	.965-14NGO LH INT	3/4"NGT	CG1
V660-6-1-XXXX	Sulfur Dioxide	660	1.030-14NGO RH INT	3/4"NGT	CG1

The suffix "xxxx" denotes pressure relief device burst disc rupture pressure.
Refer to the safety device ordering information chart for pressures available.

Cylinder Service	Pressure Relief	Disc Rupture Range 165F		Pressure Relief Device Replacement Part Number	
Pressure In PSIG	Device Stamping	Minimum	Maximum	CG-1 Frangible Disc	CG-5 Frangible Disc / 212 Fuse Metal
1800	3000	2700	3000	HBV-CG1-3000	HBV-CG5-3000
2015	3360	3025	3360	HBV-CG1-3360	HBV-CG5-3360
2265	3775	3400	3775	HBV-CG1-3775	HBV-CG5-3775
2400	4000	3600	4000	HBV-CG1-4000	HBV-CG5-4000
3000	5000	4500	5000	HBV-CG1-5000	HBV-CG5-5000

HARRISON

www.HarrisonValve.com