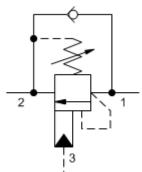


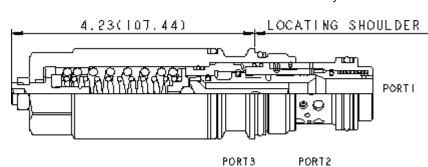
4.5:1 pilot ratio, load reactive, load control valve CAPACITY: 60 gpm / CAVITY: T-17A



sunhydraulics.com/model/MBGG



3-Port Non-vented



Load reactive, load control valves with pilot assist combine two valves; a check valve and a relief valve. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilot-assisted relief valve controls flow from port 1 to port 2. Pilot assist at port 3 lowers the effective setting of the relief valve at a rate determined by the pilot ratio.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi	
Pilot Ratio	4.5:1	
Maximum Recommended Load Pressure	See Technical Features	
Adjustment - No. of CCW Turns from Min. to Max. Setting	9	
Check Cracking Pressure	25 psi	
Factory Pressure Settings Established at	2 in³/min.	
Maximum Valve Leakage at Reseat	5 drops/min.	
Reseat	≥77% of setting	
Locknut Hex Size	9/16 in.	
Locknut Torque	80 - 90 lbf in.	
Seal kit - Cartridge	Buna: 990-017-007	
Seal kit - Cartridge	Polyurethane: 990-017-002	
Seal kit - Cartridge Viton: 990-017-006		

CONFIGURATION OPTIONS

CONTROL

Standard Screw Adjustment

FUNCTIONAL SETTING RANGE

(L)

(H) SEAL MATERIAL

H 1000 - 4000 psi (70 - 280 bar), 3000 psi (210 bar) Standard Setting

Model Code Example: MBGGLHN

J 2000 - 5000 psi (140 - 350 bar), 3000 psi (210 bar) Standard Setting

Ν	Bur	na-N	J

V Viton

VILUII

MATERIAL/COATING

(N)

```
Standard Material/Coating
```

IAP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel