

GS02 33 GS02 35 UP TO 13 L/MIN 350 BAR

3.5 USGPM 5000 PSI



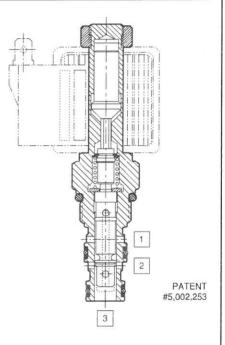
SPOOL TYPE

2 Position 3 Way Side Cylinder Port

- High flow capacity.
- One piece cartridge housing ensures internal concentricity.
- Coil: Waterproof, hermetically sealed, requires no O'Rings; Symmetrical coil can be reversed without affecting performance.

OPERATION

De-energized, pressure is trapped at port 1 between the spool lands. Flow is allowed in either direction at ports 2 and 3. The spring and collet maintain this position. **Energized**, the armature pushes the spool against the spring force connecting ports 1 & 2 between the spool lands and blocking the path between ports 2 & 3. Oil will flow either direction from ports 1 & 2.



SPECIFICATIONS

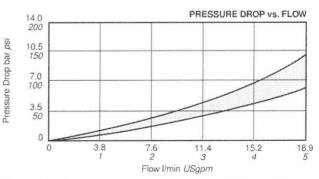
BASIC MODEL NUMBER	STANDARD GS02 33	HIGH FLOW GS02 33	HIGH PRESSURE GS02 35
SYMBOL & CROSSOVER	W 7 7 7 3 1 1		
NOMINAL FLOW AT Δp = 5 bar 70 psi	11 l/min 3 USgpm	13 l/min 3.5 USgpm	11 l/min 3 USgpm
PRESSURE	210 <i>300</i> 0	bar O psi	350 bar <i>5000 psi</i>
FUNCTION		OLENIOD IS DE-E I SOLENOID IS EN	
SERIES CC COIL WATTS. (100% DUTY CYCLE)	14w ('S' Coil)	19 ('P' C	
MAX INTERNAL LEAK AT 210 bar 3000 psi at 38 cSt 180 SSU	82 cc/i	min @ 210 bar <i>300</i>	00 psi
MIN AMPERAGE TO OPERATE VALVE AT MAX RATED PRESSURE & FLOW	DETAILS: 0	NOMINAL AMPEI COIL DATA SHEET	
PREFERABLE INPUT/OUTPUT PORT LOCATION		UNRESTRICTED	
INSTALLATION		UNRESTRICTED	
FLUID *		OIL OR SYNTHET JBRICANT PROPE	
IDEAL VISCOSITY *	15-	50 cSt 80-230 SS	U
SEAL MATERIAL/ TEMPERATURE *	NITRILE BUNA-I VITON	4 - INT. I. IT I	-210°F -150°C
FILTRATION *	25 MICR	ONS (Nom.) OR B	ETTER
CART. WEIGHT		0.23 kg 0.51 lb	
COIL WEIGHT		0.20 kg 0.44 lb	

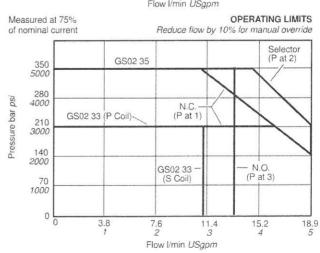
^{*} IMPORTANT: See pages 582-583 for additional notes on operating conditions.

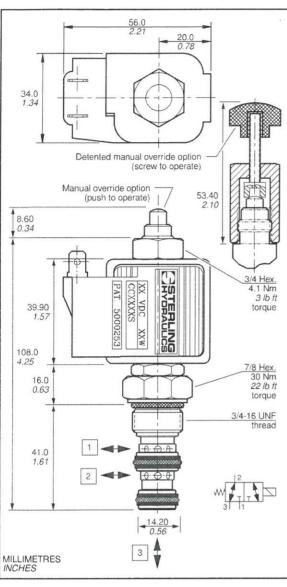
Specifications may change without notice

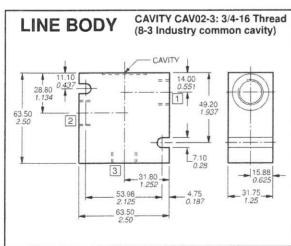
TYPICAL PERFORMANCE

Measured at 30cSt 140 SSU (For cartridge only)

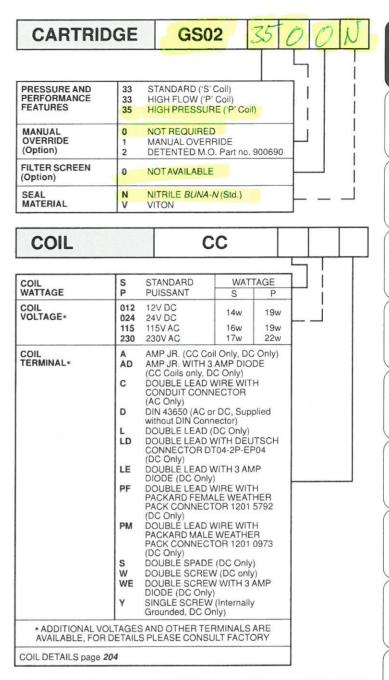








CAVITY TOOL	ING F	OR C	AV02-3	
PILOT DRILL Ø STEP DRILL REAMER (ALUM)	8DS3	INCH 0.51 1345 1058A	REAMER (STEEL) COUNTERBORE TAP	8RM31058S - 8TP31202



LINE BO	YDC	LB10	
PORTING	100000000000000000000000000000000000000	3/8 SAE 3/8 BSP	\neg
LINE BODY MATERIAL	s	ALUMINIUM (Anodised) TO 210 bar 3000 psi STEEL (Zinc plated) TO 420 bar 6000 psi	
LINE BODY DETA	ILS page 51	1	
SEAL KIT		077N-1 (NITRILE- <i>BUNA N</i>) 077V-1 (VITON)	



SOLENOID

CHECK