

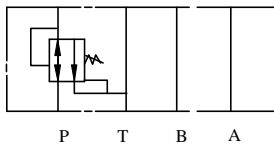
IFP MGVO3 PRESSURE REDUCING/ RELIEVING MODULE



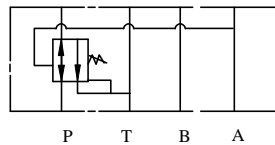
- ISO4401-03 SIZE/NFPA D03
- EASY ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- FOUR PRESSURE RANGES AVAILABLE
- ADDED PRESSURE RELIEVING FUNCTION
- OPTIONAL GAUGE PORT



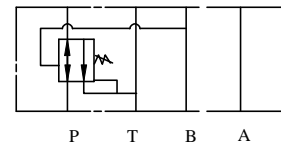
MGV-03-P



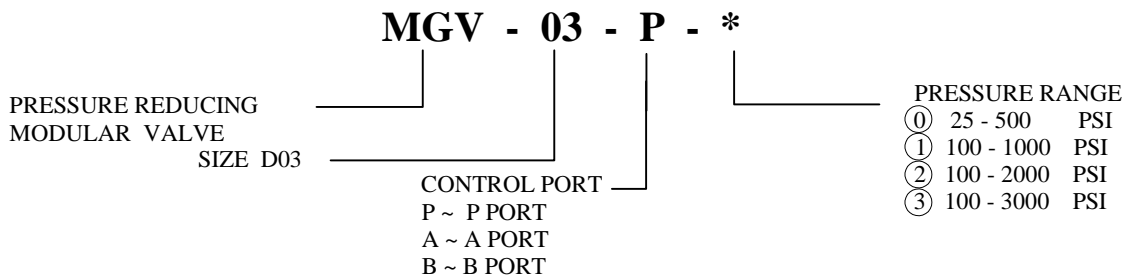
MGV-03-A



MGV-03-B



ORDERING CODE



SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	PRESSURE RANGE (PSI)	WEIGHT lbs
MGV-03-P-*	D03	4500 PSI	15	① 25 - 500 PSI	2.80
MGV-03-A-*				② 100 - 1000 PSI	
MGV-03-B-*				③ 100 - 2000 PSI	
				④ 100 - 3000 PSI	

IFP offers a modular Pressure Reducing Valve designed for use in applications requiring constant (lower) secondary hydraulic system pressure, regardless of variations in the primary system. Excessive pressure in the reduced pressure line is limited by a pressure relieving function. The use of stackable modules offers cost effective, compact hydraulic systems in which the modules are "sandwiched" between a directional valve and standard mounting surface.

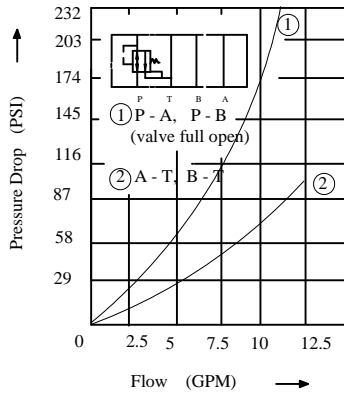
IFP MGV03 PRESSURE REDUCING/ RELIEVING MODULE



PERFORMANCE CURVES Viscosity (100-150 SUS)

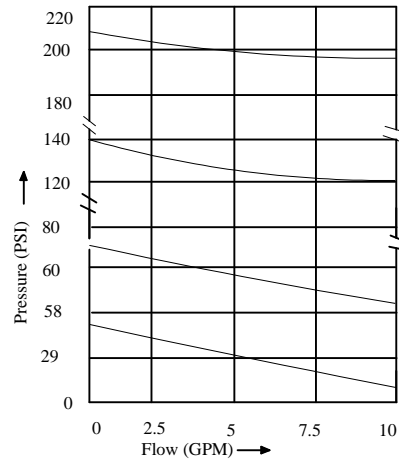
MGV-03-P- *

Pressure Drop characteristic



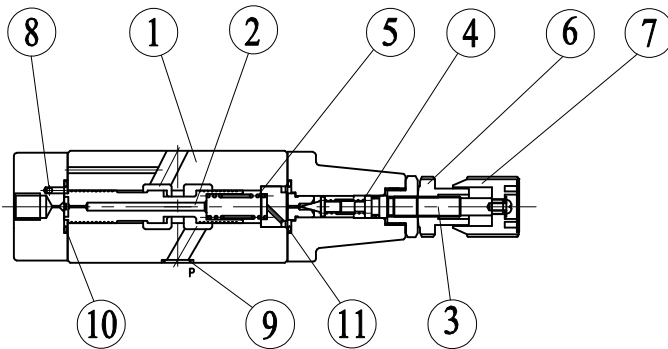
MGV-03-* - *

Pressure - Flow characteristic



CROSS SECTION DIAGRAM

MGV-03-P-2



NO.	DESCRIPTION
1	BODY
2	SPOOL
3	SETTING SCREW
4	SPRING
5	SPRING
6	LOCKING NUT
7	AJUSTMENT ELEMENT
8	O-RING
9	O-RING
10	O-RING
11	O-RING

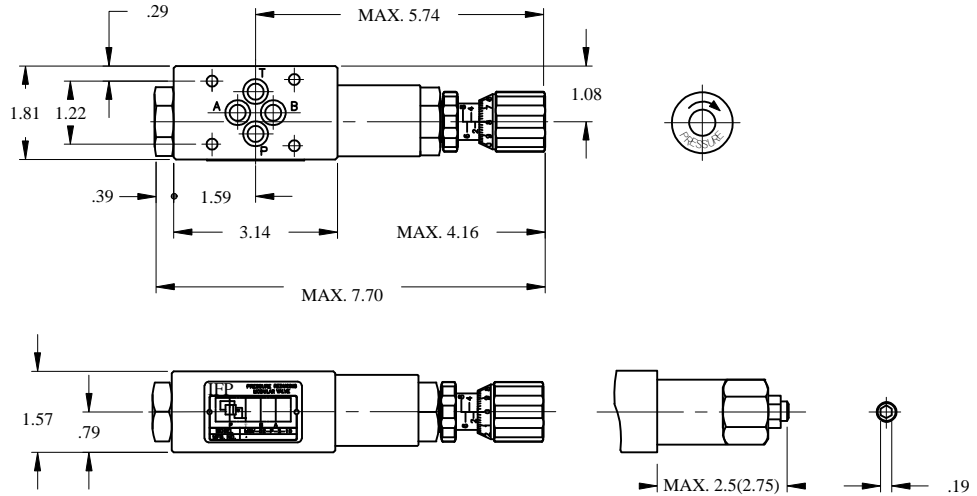
NO.	PARTS NAME	PARTS NO.	Q'TY
9	O-RING	P8, 70°	1
10	O-RING	P26, 90°	2
11	O-RING	AS-568-014	5

IFP MGV03 PRESSURE REDUCING/ RELIEVING MODULE

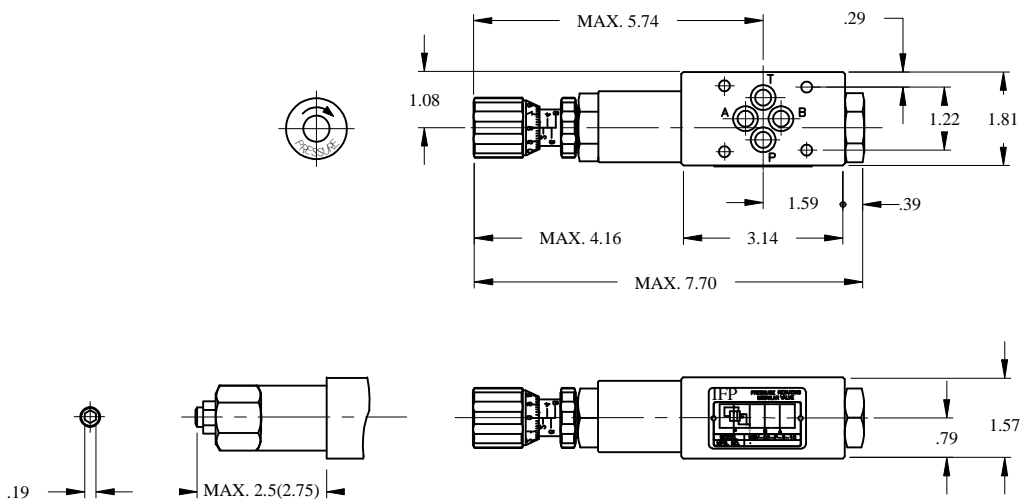


DIMENSIONS

MGV-03-P-*



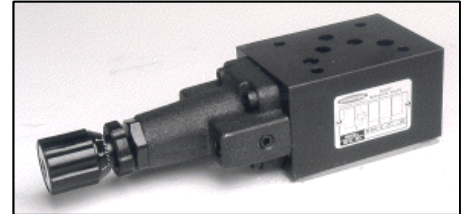
MGV-03-B-*



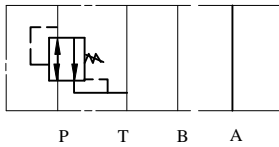
IFP MGV05 PRESSURE REDUCING/ RELIEVING MODULE



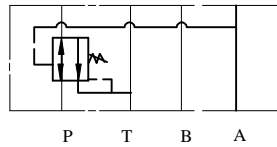
- ISO4401-05 SIZE/NFPA D05
- EASY ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- FOUR PRESSURE RANGES AVAILABLE
- ADDED PRESSURE RELIEVING FUNCTION
OPTIONAL GAUGE PORT



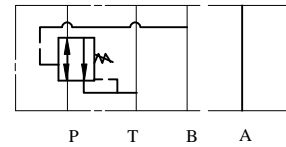
MGV-05-P



MGV-05-A



MGV-05-B



ORDERING CODE

MGV - 05 - P - *

PRESSURE REDUCING
MODULAR VALVE
SIZE D05

CONTROL PORT
P ~ P PORT
A ~ A PORT
B ~ B PORT

PRESSURE RANGE

- ① 40 - 500 PSI
- ① 100 - 1000 PSI
- ② 100 - 2000 PSI
- ③ 100 - 3000 PSI

SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	PRESSURE RANGE (PSI)	WEIGHT lbs
MGV-05-P-*	D05	4500 PSI	30	① 40 - 500 PSI	8.30
MGV-05-A-*				① 100 - 1000 PSI	
MGV-05-B-*				② 100 - 2000 PSI	
				③ 100 - 3000 PSI	

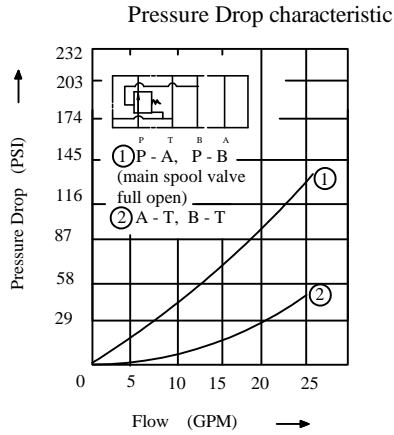
IFP offers a modular Pressure Reducing Valve designed for use in applications requiring constant (lower) secondary hydraulic system pressure, regardless of variations in the primary system. Excessive pressure in the reduced pressure line is limited by a pressure relieving function. The use of stackable modules offers cost effective, compact hydraulic systems in which the modules are "sandwiched" between a directional valve and standard mounting surface.

IFP MGV05 PRESSURE REDUCING/ RELIEVING MODULE

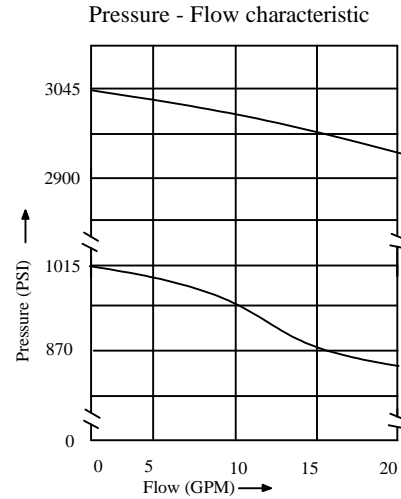


PERFORMANCE CURVES Viscosity (100-150 SUS)

MGV-05-P-1
B

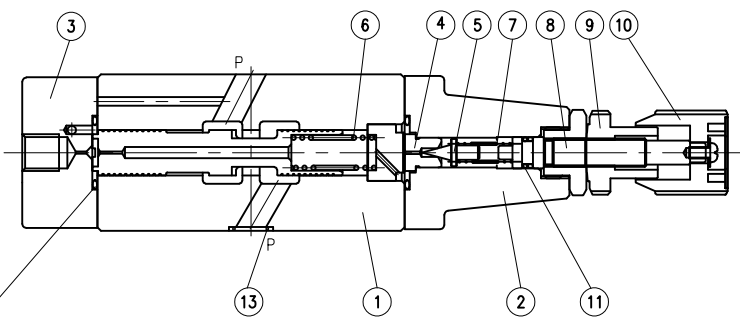


MGV-05-* - 1
3

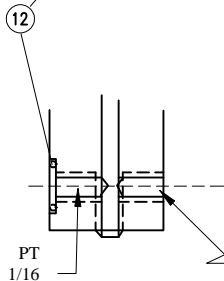


CROSS SECTION DIAGRAM

MGV-05-A-*



NO.	DESCRIPTION
1	BODY
2	COVER
3	COVER
4	SEAT
5	POPPET
6	AJUSTMENT SPRING 1
7	AJUSTMENT SPRING 2
8	SETTING SCREW
9	LOCKING NUT
10	AJUSTMENT ELEMENT
11	O-RING
12	O-RING
13	O-RING



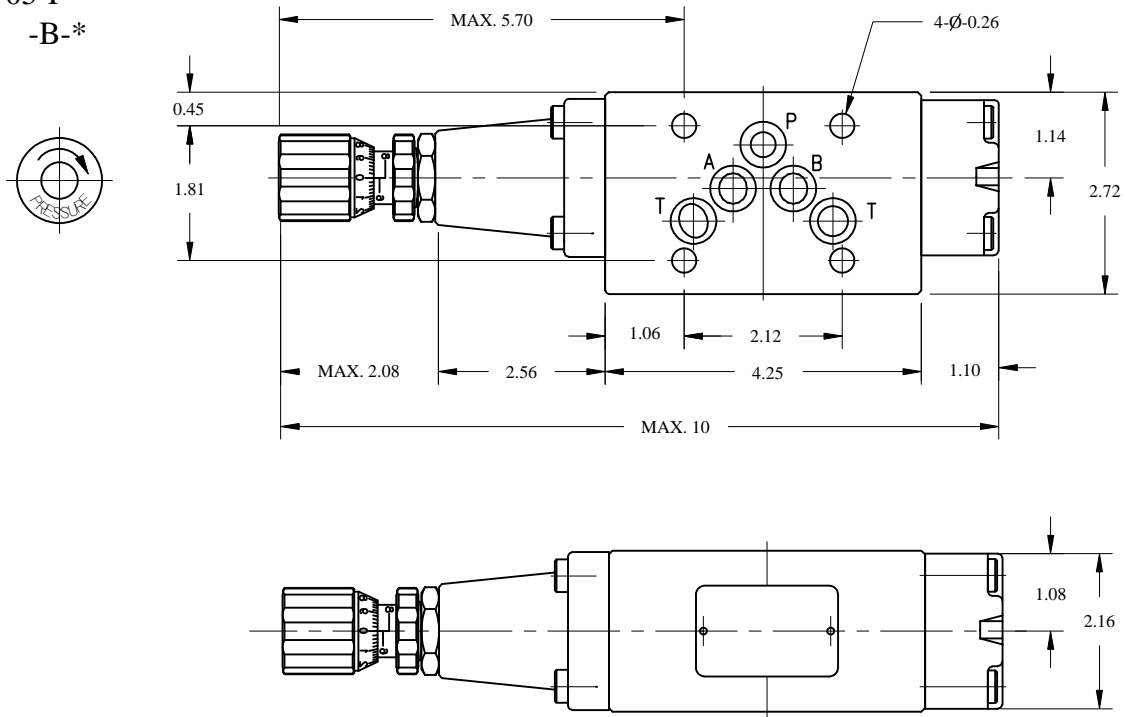
NO.	PARTS NAME	PARTS NO.	Q'TY
12	O-RING	P8, 70°	1
13	O-RING	P22, 90°	2
14	O-RING	AS-568-014	5

IFP MGV05 PRESSURE REDUCING/ RELIEVING MODULE

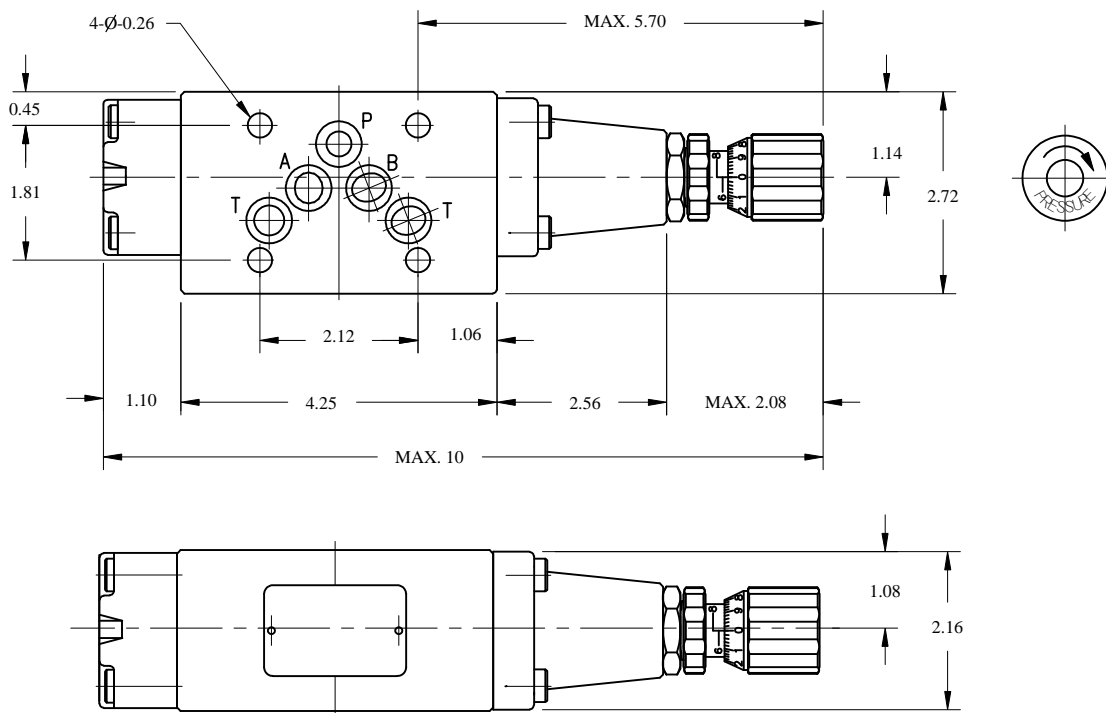


DIMENSIONS

MCB-05-P-*
-B-*



MCB-05-A-*



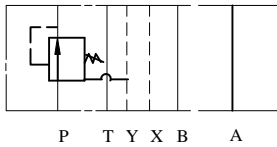
IFP MGV07 PRESSURE REDUCING/ RELIEVING VALVE MODULE



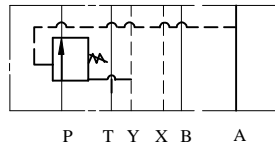
- ISO4401-07 SIZE/NFPA D07
- EASY ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- FOUR PRESSURE RANGES AVAILABLE
- ADDED PRESSURE RELIEVING FUNCTION
OPTIONAL GAUGE PORT



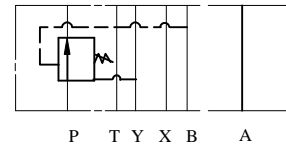
MGV-07-P



MGV-07-A



MGV-07-B



ORDERING CODE

MGV - 07 - P - 1

PRESSURE REDUCING
MODULAR VALVE
SIZE D07

CONTROL PORT
P ~ P PORT
A ~ A PORT
B ~ B PORT

PRESSURE RANGE
① 100 - 1000 PSI
② 100 - 2000 PSI
③ 100 - 3000 PSI

SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	PRESSURE RANGE (PSI)	WEIGHT lbs
MGV-07-P-*	D07	4570 PSI	26.5	① 100 - 1000 PSI	17.6
MGV-07-A-*				② 100 - 2000 PSI	
MGV-07-B-*				③ 100 - 3000 PSI	

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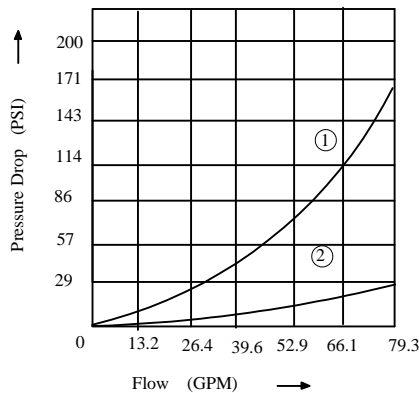
IFP MGV07 PRESSURE REDUCING/ RELIEVING VALVE MODULE



PERFORMANCE CURVES Viscosity (100-150 SUS)

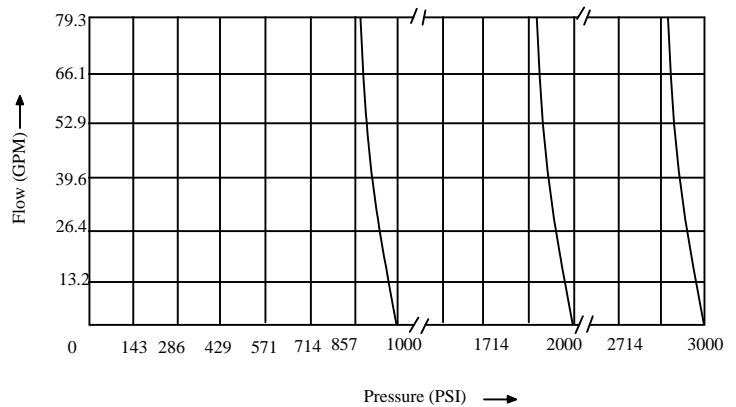
MGV-07-P-*

Pressure Drop characteristic



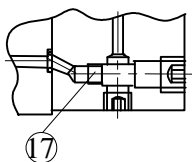
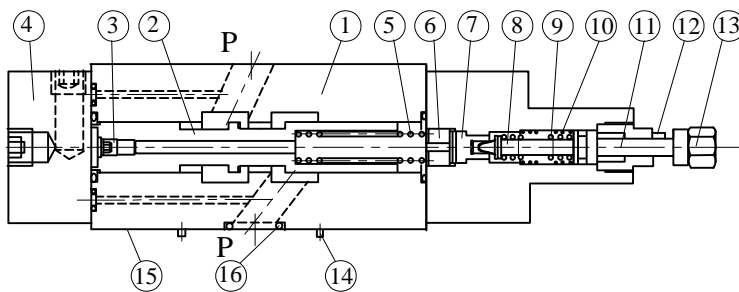
MGV-07-P-*

Pressure - Flow characteristic



CROSS SECTION DIAGRAM

MGV-07-P-*



NO.	DESCRIPTION
1	BODY
2	SPOOL
3	CHOKE
4	COVER
5	SPRING
6	COLLAR
7	SEAT
8	POPPET
9	SPRING
10	SPRING
11	SCREW
12	NUT
13	ADJUSTMENT ELEMENT
14	LOCATING PINS
15	CONNECTIONS
16	O-RING
17	PLUG
	PORTS A,B,P,T:AS568-118
	PORTS X,Y:AS568-012
	EXTERNAL: 17 PLUGGED
	INTERNAL: 17 OPEN

IFP MGV07 PRESSURE REDUCING VALVE MODULE



DIMENSIONS

MGV-07-P-*

