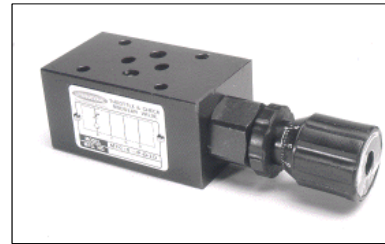


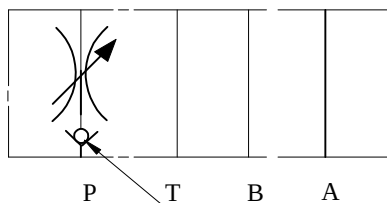
IFP MTV03 FLOW REGULATOR MODULE



- ISO4401-03 SIZE/NFPA D03
- ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- LEAK FREE POSITIVE SEAT

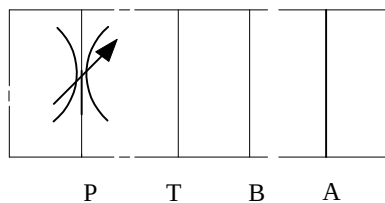


MTC-03-P

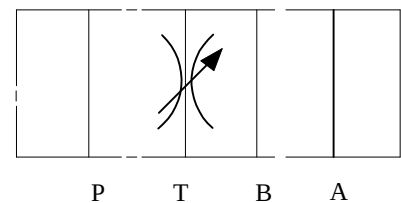


OPTIONAL CHECK VALVE

MTV-03-P



MTV-03-T



ORDERING CODE

MTV - (MTC) - 03 - P

MODULAR REGULATOR
VALVE

MODULAR REGULATOR VALVE
(OPTIONAL CHECK VALVE)

SIZE D03

CONTROL PORT
P - PRESSURE
T - TANK

SPECIFICATIONS

TYPES	SIZE	Max. Pressure (PSI)	RATED FLOW (GPM)	WEIGHT lbs
MTC-03-P	D03	4500 PSI	15	2.18
MTV-03-P				
MTV-03-T				

IFP offers a modular Flow Regulator Valve designed for use in applications requiring extremely fine adjustment, especially at low flows. These valves regulate flow by means of an adjustable orifice and flow through the valve is dependent upon pressure drop at any particular setting of the orifice. An optional "P" port check valve is available for a compact flow control and check valve combination. 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.

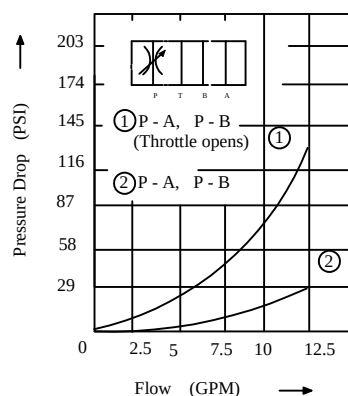
IFP MTV03 FLOW REGULATOR MODULE



PERFORMANCE CURVES Viscosity (100-150 SUS)

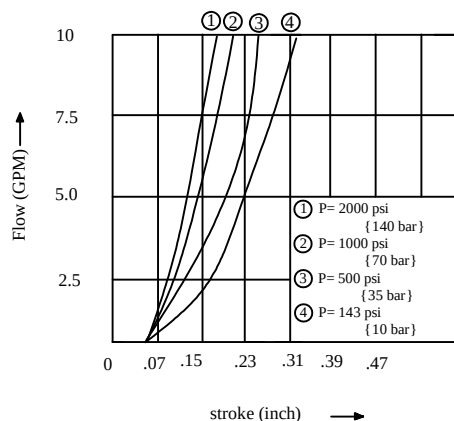
MTV-03-P

Pressure Drop characteristic



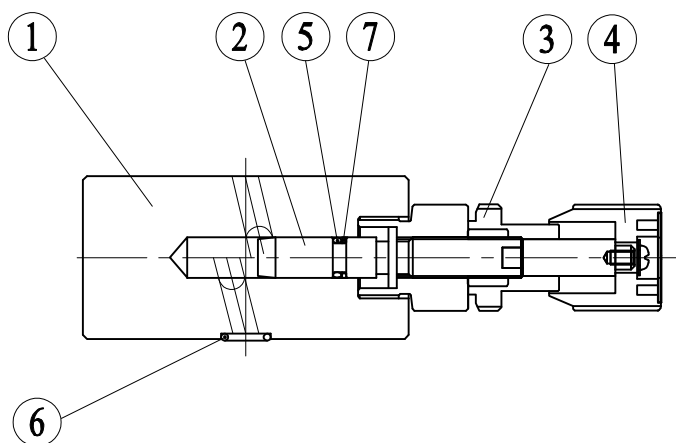
Stroke - Flow characteristic

MTV-03-P
MTV-03-T



CROSS SECTION DIAGRAM

MTV-03-P



NO. PARTS NAME

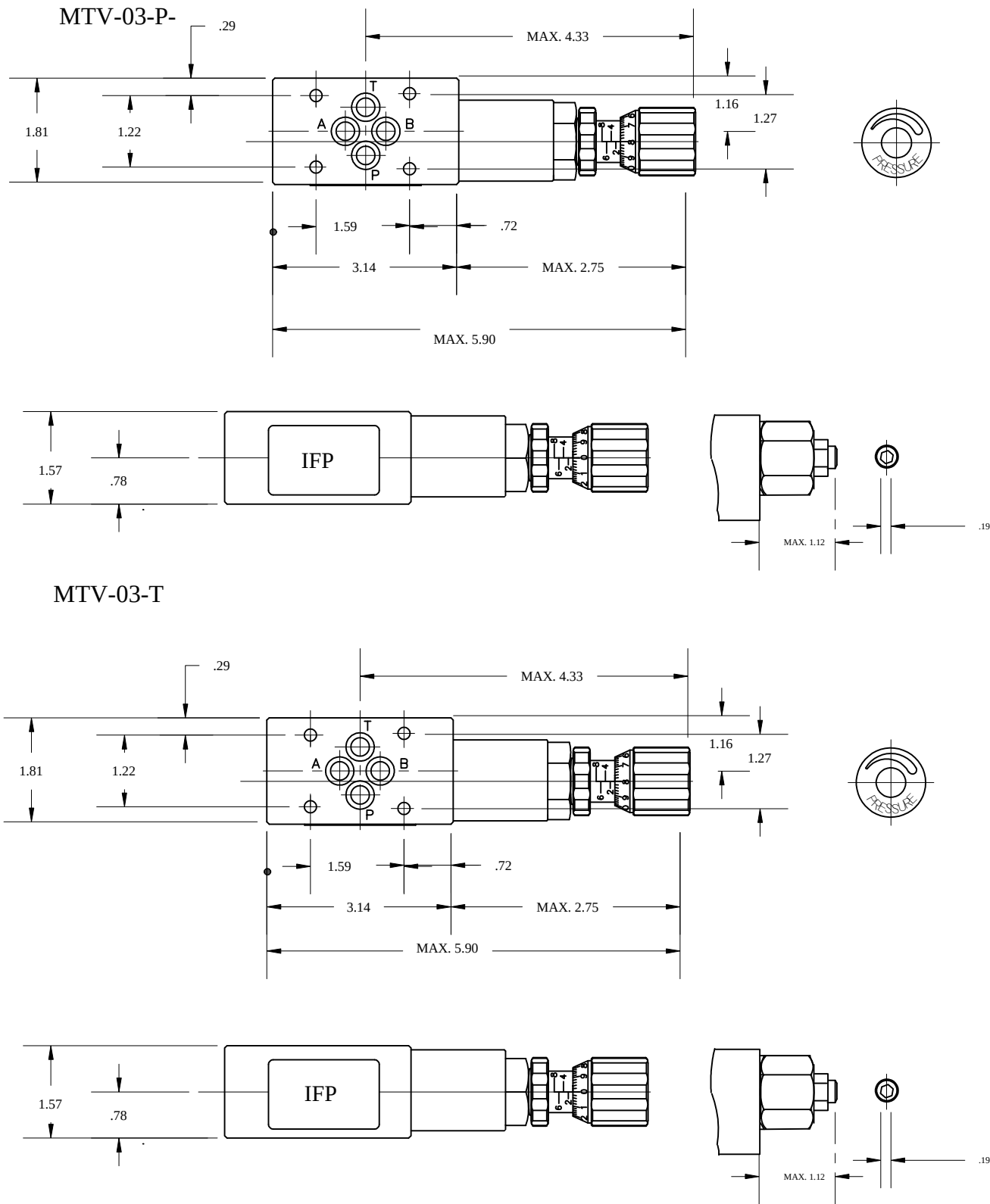
1	BODY
2	SCREW
3	LOCKING NUT
4	ADJUSTMENT ELEMENT
5	O-RING
6	O-RING
7	BACK-UP RING

NO.	PARTS NAME	PARTS NO.	Q'TY
5	O-RING	P8, 70°	1
6	O-RING	P26, 90°	4

IFP MTV03 FLOW REGULATOR MODULE



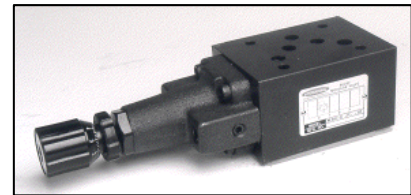
DIMENSIONS



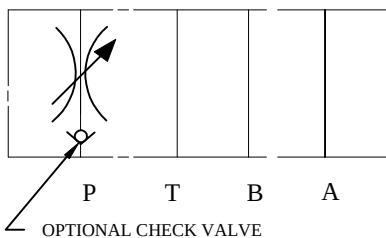
IFP MTV05 FLOW REGULATOR MODULE



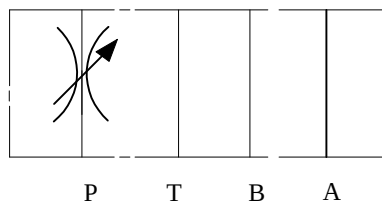
- ISO4401-05 SIZE/NFPA D05
- ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- LEAK FREE POSITIVE SEAT



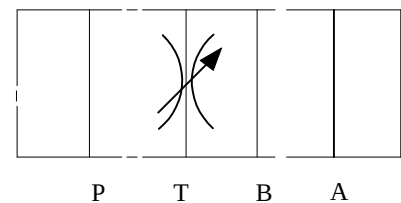
MTC-05-P



MTV-05-P



MTV-05-T



ORDERING CODE

MTV - (MTC) - 05 - P

MODULAR FLOW
REGULATOR

MODULAR FLOW REGULATOR
(OPTIONAL CHECK VALVE)

SIZE D05

CONTROL PORT
P - PRESSURE
T - TANK

SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	WEIGHT lbs
MTC-05-P	D05	4500 PSI	30	5.50
MTV-05-P				
MTV-05-A				

IFP offers a modular Flow Regulator Valve designed for use in applications requiring extremely fine adjustment, especially at low flows. These valves regulate flow by means of an adjustable orifice and flow through the valve is dependent upon pressure drop at any particular setting of the orifice. An optional "P" port check valve is available for a compact flow control and check valve combination. 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.

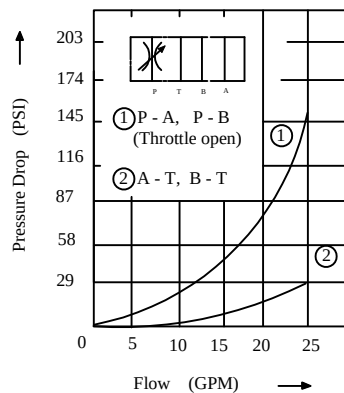
IFP MTV05 FLOW REGULATOR MODULE



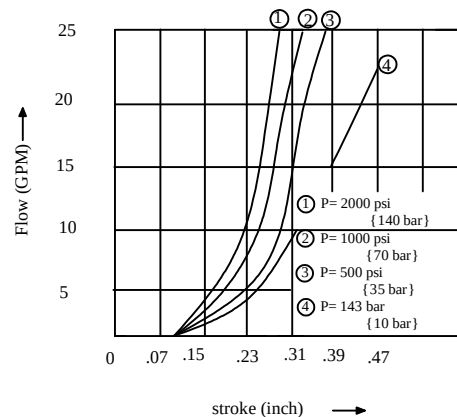
PERFORMANCE CURVES Viscosity (100-150 SUS)

MTV-05-P

Pressure Drop characteristic

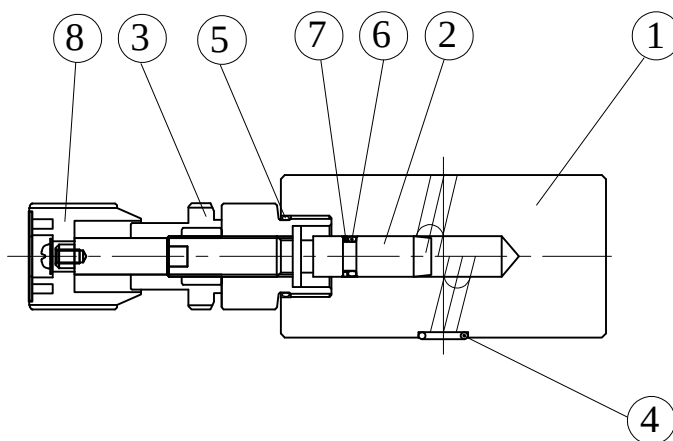


Stroke - Flow characteristic
MTV-05-P



CROSS SECTION DIAGRAM

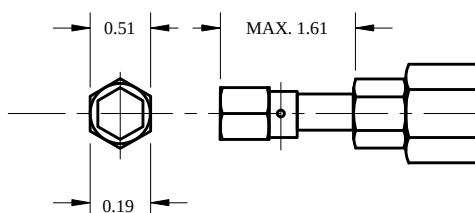
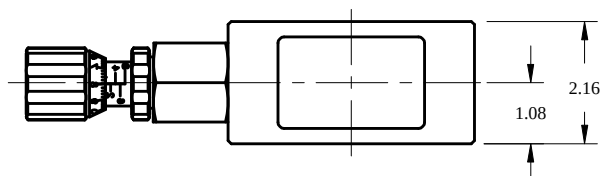
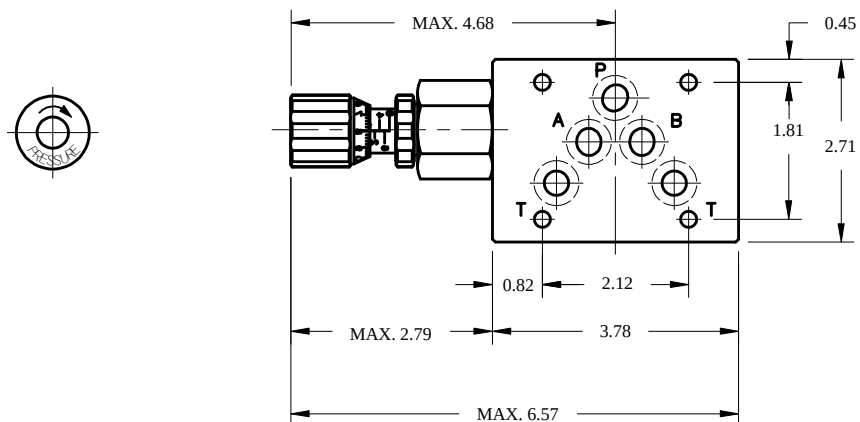
MTV-05-P



NO.	PARTS NAME
1	BODY
2	SCREW
3	RETAINER
4	O-RING
5	O-RING
6	O-RING
7	BACK-UP RING
8	ADJUSTMENT ELEMENT

NO.	PARTS NAME	PARTS NO.	Q'TY
4	O-RING	AS-568-014	5
5	O-RING	P22, 90°	1
6	O-RING	P10, 70°	1

IFP MTV05 FLOW REGULATOR MODULE



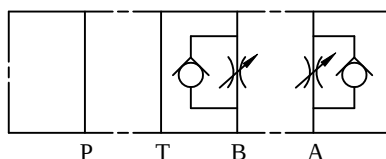
IFP MTC03 FLOW REGULATOR MODULE/ CHECK VALVE



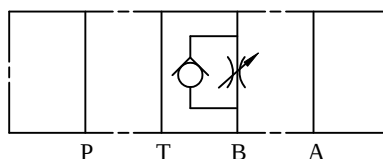
- ISO4401-03 SIZE/NFPA D03
- ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- LEAK FREE POSITIVE SEAT



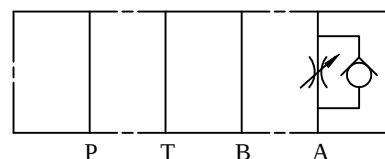
MTC-03- W - 0



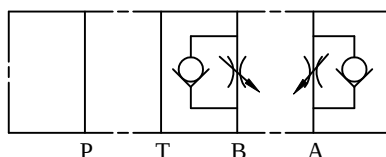
MTC-03-B - 0



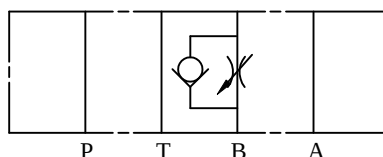
MTC-03-A - 0



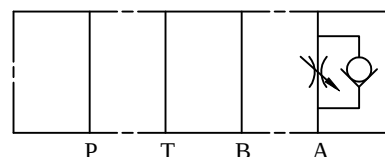
MTC-03-W - I



MTC-03-B - I



MTC-03-A - I



ORDERING CODE

MTC - 03 - W - *

MODULAR REGULAR
VALVE

SIZE D03

O - METER OUT
I - METER IN
CONTROL PORT W ~ A&B
A ~ A
B ~ B

SPECIFICATIONS

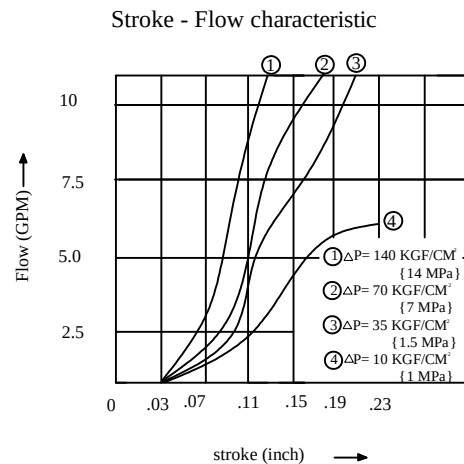
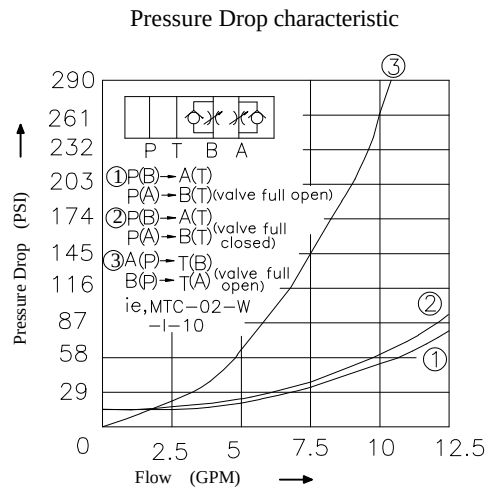
TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	WEIGHT lbs
MTC-03-W-*	D03	4500 PSI	15	2.87
MTC-03-A (B) - *				2.64

IFP offers a Flow Regulator with Check assemblies in a modular design for applications requiring extremely fine adjustment, especially at low flows. These valves regulate flow by means of an adjustable orifice and flow through the valve is dependent upon pressure drop at any particular setting of the orifice. The internal check valve around each control orifice provide for meter in or meter out control with dual or single service line versions. 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 MTC03 FLOW REGULATOR MODULE/ CHECK VALVE

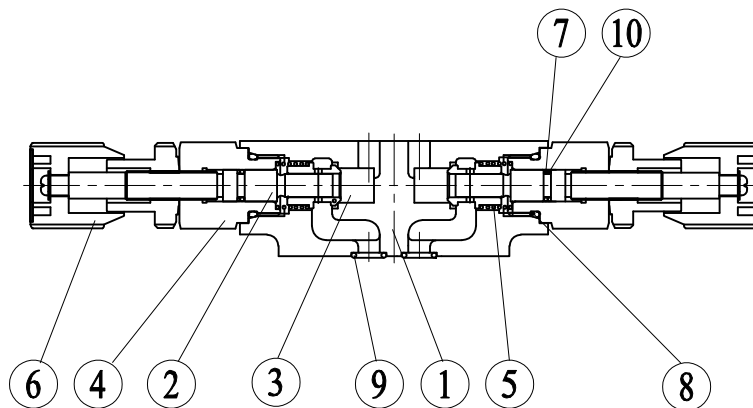


PERFORMANCE CURVES Viscosity (100-150 SUS)



CROSS SECTION DIAGRAM

MTC-03-W-*



NO.	PARTS NAME
1	BODY
2	ADJUST SCREW
3	THROTTLE
4	RETAINER
5	SPRING
6	KNOB UNIT
7	O-RING
8	O-RING
9	O-RING
10	BACK UP TO RING

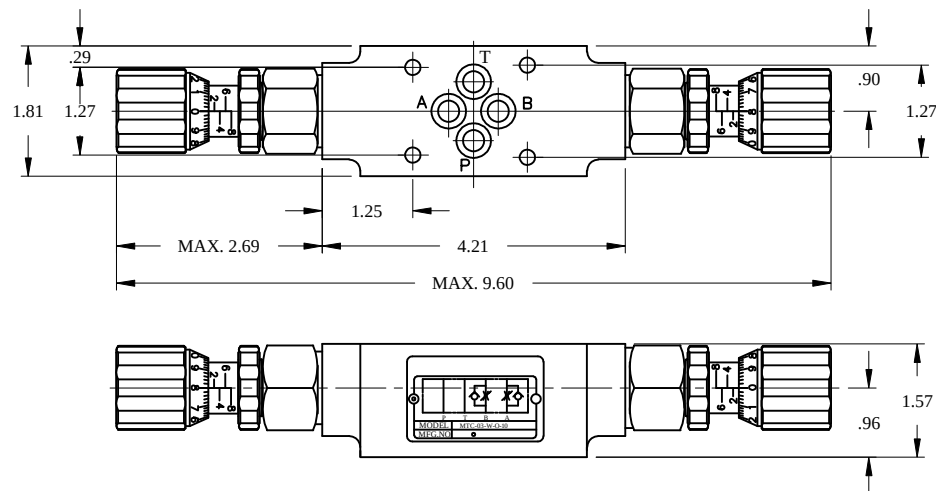
NO.	PARTS NAME	PARTS NO.	Q'TY
7	O-RING	P8, 90°	2
8	O-RING	P18, 90°	2
9	O-RING	P9, 90°	4

IFP MTC03 FLOW REGULATOR MODULE/ CHECK VALVE

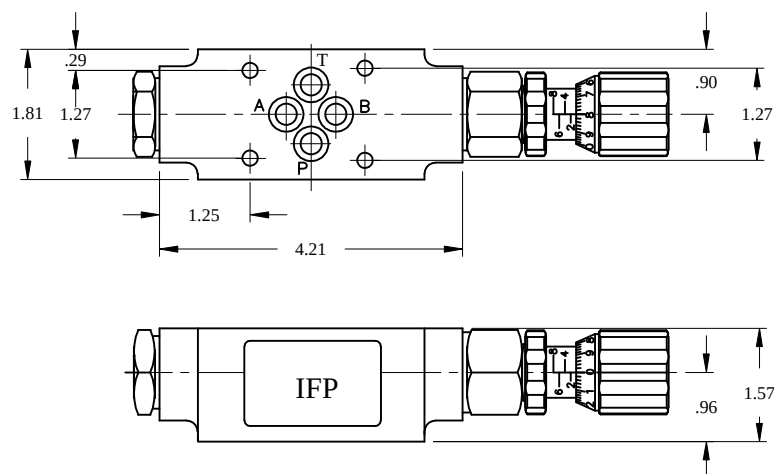


DIMENSIONS

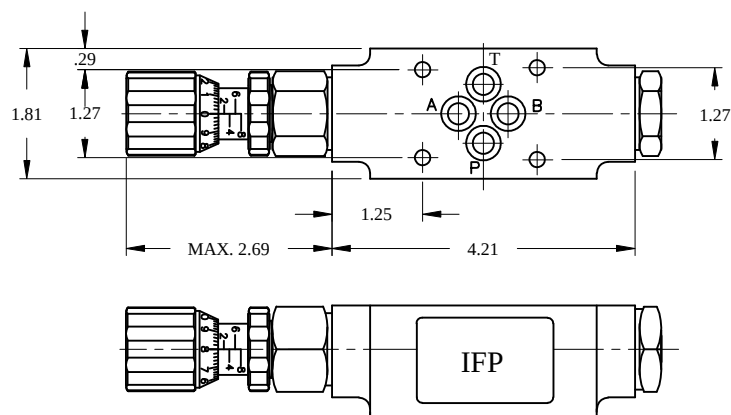
MTC-03-W-*



MTC-03-A - *



MTC-03-B - *



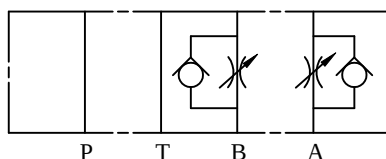
IFP MTC05 FLOW REGULATOR MODULE/ CHECK VALVE



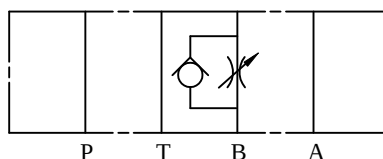
- ISO4401-05 SIZE/NFPA D05
- ADJUSTABLE MICROMETER KNOB
- EXTREMELY PRECISE CONTROL
- LEAK FREE POSITIVE SEAT



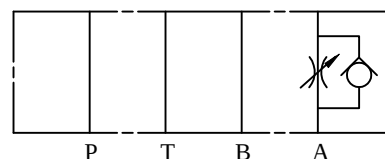
MTC-05- W - 0



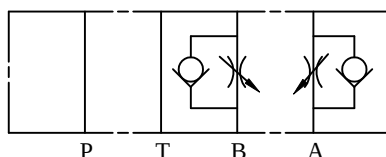
MTC-05-B - 0



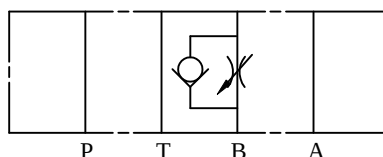
MTC-05-A - 0



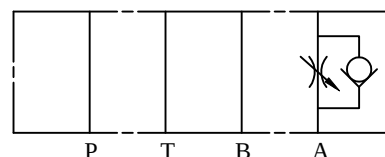
MTC-05-W - I



MTC-05-B - I



MTC-05-A - I



ORDERING CODE

MTC - 05 - W - *

MODULAR REGULAR
VALVE



SIZE D05



CONTROL PORT W ~ A&B
A ~ A
B ~ B

0 - METER OUT
I - METER IN

SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	WEIGHT lbs
MTC-05-W-*	D05	4500 PSI	30	6.83
MTC-05-A (B) - *				6.61

IFP offers a Flow Regulator with Check assemblies in a modular design for applications requiring extremely fine adjustment, especially at low flows. These valves regulate flow by means of an adjustable orifice and flow through the valve is dependent upon pressure drop at any particular setting of the orifice. The internal check valve around each control orifice provide for meter in or meter out control with dual or single service line versions. 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.

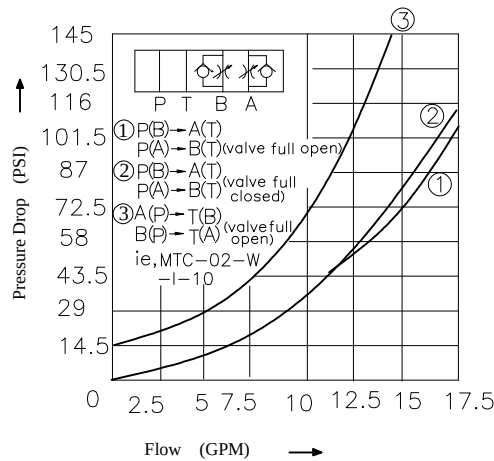
IFP MTC05 FLOW REGULATOR MODULE/ CHECK VALVE



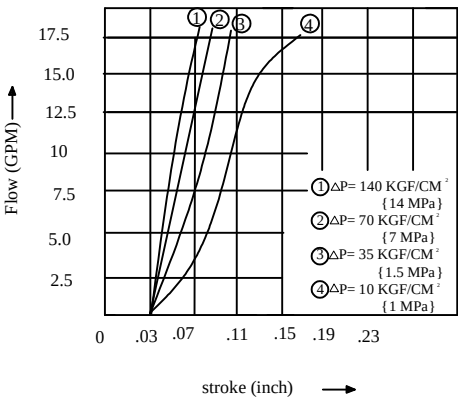
PERFORMANCE CURVES Viscosity (100-150 SUS)

MTC-05-W-*

Pressure Drop characteristic

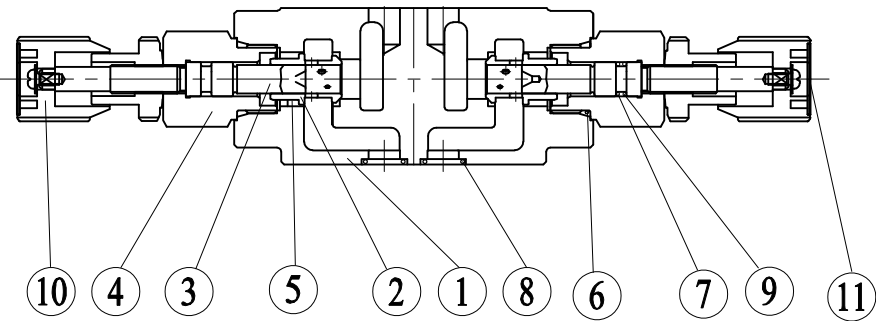


Stroke - Flow characteristic



CROSS SECTION DIAGRAM

MTC-05-W-*



NO.	DESCRIPTION
1	BODY
2	THROTTLE
3	ADJUST SCREW
4	RETAINER
5	SPRING
6	O-RING
7	O-RING
8	O-RING
9	B/U RING
10	KNOB UNIT
11	PLATE

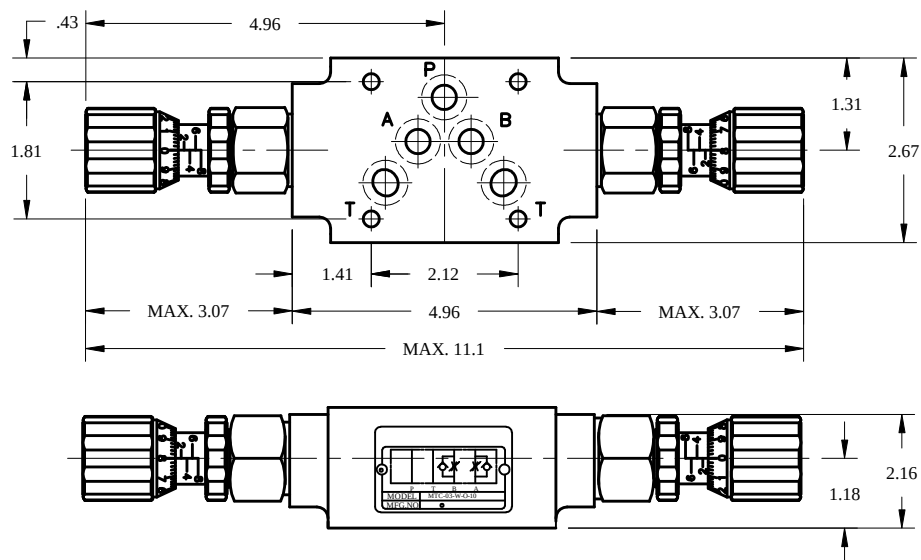
NO.	DESCRIPTION	PART NO.	Q'TY
6	O-RING	P22, 90°	2
7	O-RING	P8, 90°	2
8	O-RING	AS-568-014	5

IFP MTC05 FLOW REGULATOR MODULE/ CHECK VALVE

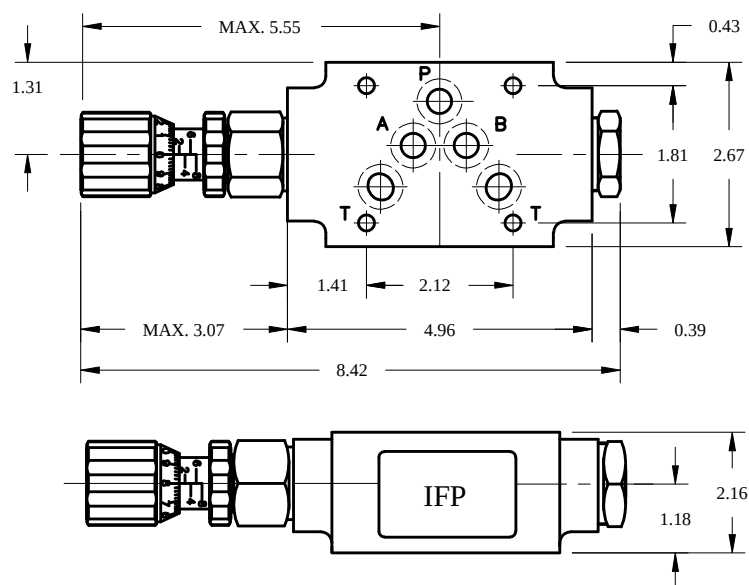


DIMENSIONS

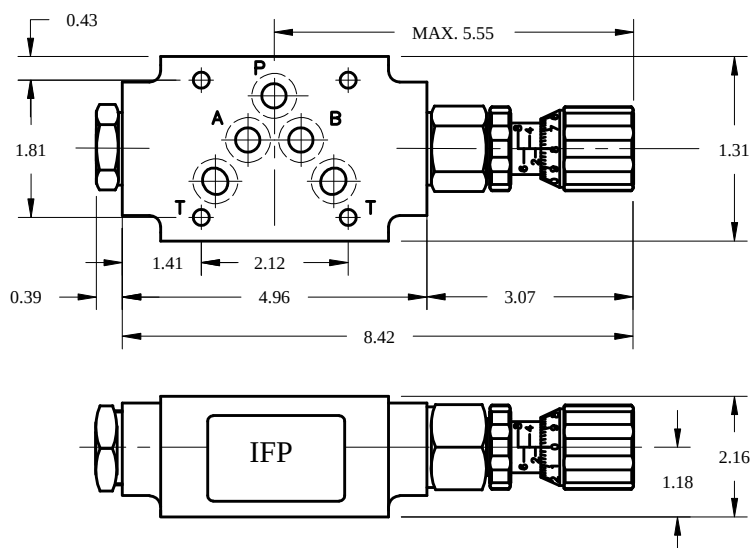
MTC-05-W-*



MTC-05-A - *



MTC-05-B - *



IFP MTC07

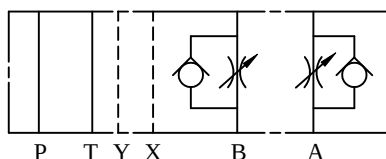
FLOW REGULATOR MODULE



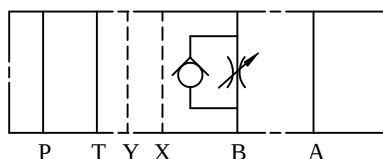
- ISO4401-07 SIZE/NFPA D07
- EASY ADJUSTABLE KNOB
- EXTREMELY PRECISE CONTROL
- LEAK FREE POSITIVE SEAT



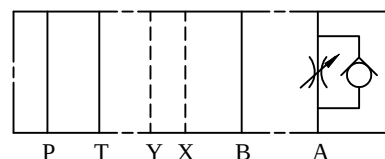
MTC-07- W - 0



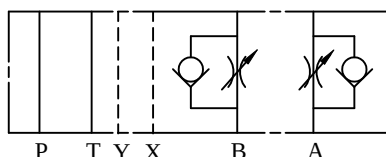
MTC-07-B - 0



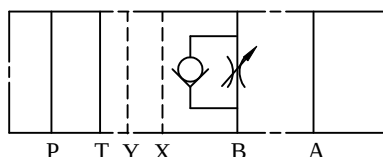
MTC-07-A - 0



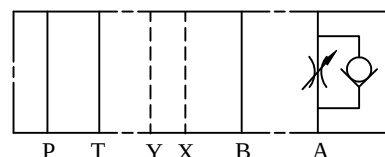
MTC-07-W - 1



MTC-07-B - 1



MTC-07-A - 1



ORDERING CODE

MTC - 07 - W - *

MODULAR REGULAR
VALVE

SIZE D07

CONTROL PORT W ~ A&B
A ~ A
B ~ B

0 - METER OUT
1 - METER IN

SPECIFICATIONS

TYPES	SIZE	MAX. PRESSURE (PSI)	RATED FLOW (GPM)	WEIGHT lbs
MTC-07-W-*	D07	4570 PSI	79.3	14.30
MTC-07-A (B) - *				13.86

IFP offers a Flow Regulator with Check assemblies in a modular design for applications requiring extremely fine adjustment, especially at low flows. These valves regulate flow by means of an adjustable orifice and flow through the valve is dependent upon pressure drop at any particular setting of the orifice. The internal check valve around each control orifice provide for meter in or meter out control with dual or single service line versions. 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 MTC07

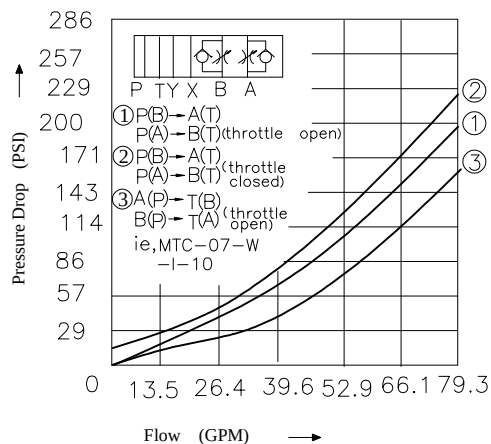
FLOW REGULAR MODULE



PERFORMANCE CURVES Viscosity (100-150 SUS)

MTC-07-W-O(I)-*

Pressure Drop characteristic

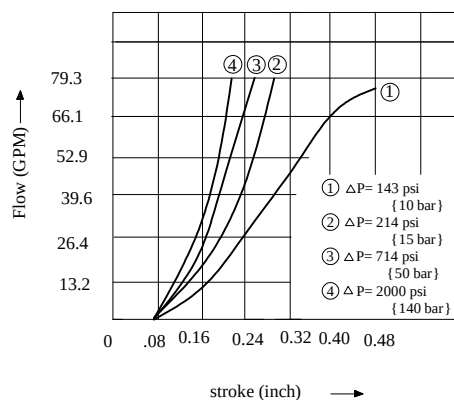


MTC-07-W-O(I)-*

MTC-07-A-O(I)-*

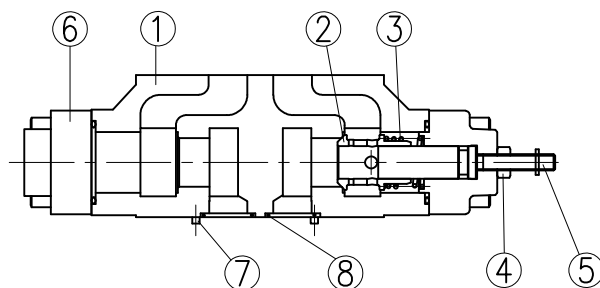
MTC-07-B-O(I)-*

Stroke - Flow characteristic



CROSS SECTION DIAGRAM

MTC-07-B-*



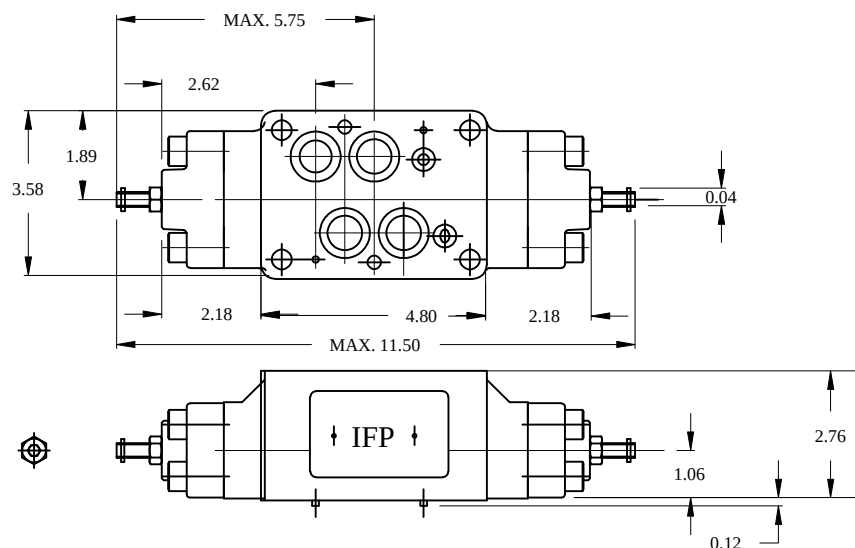
NO.	DESCRIPTION
1	BODY
2	THROTTLE
3	SPRING
4	NUT
5	SCREW
6	COVER
7	PIN
8	O-RING
	PORTS A,B,P,T: AS568-118
	PORTS X,Y: AS568-012

IFP MTC07 FLOW REGULATOR MODULE

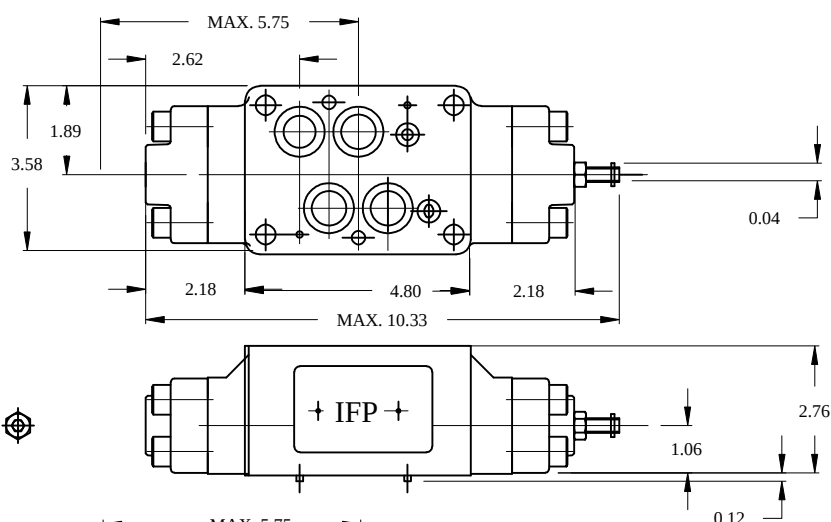


DIMENSIONS

MTC-07-W-*



MTC-07-B - *



MTC-07-A - *

