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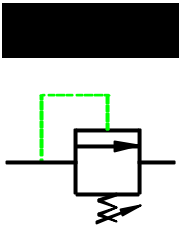
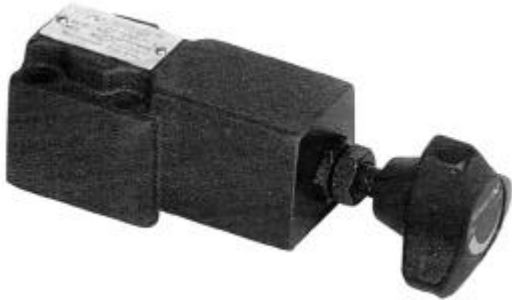
M03 3.29

SW – G04 3.31

M04 3.39

SW – G06 3.41

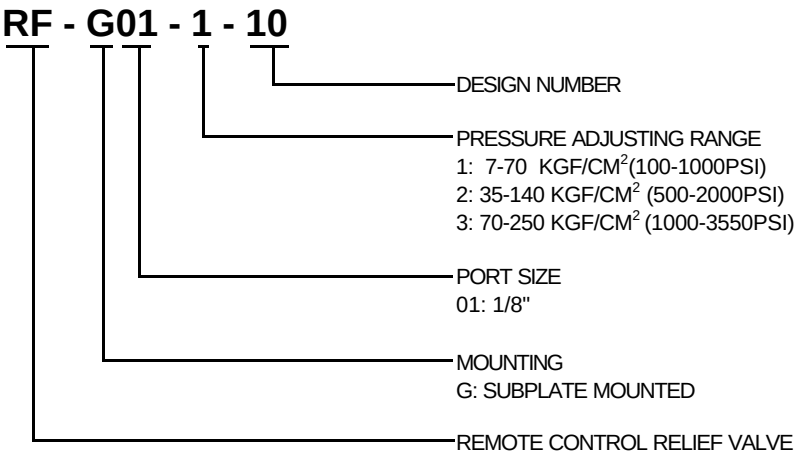
M06 3.49



SPECIFICATIONS

MODEL	MAX. PRESSURE KGF/CM ² (PSI)	PRESSURE ADJ. RANGE KGF/CM ² (PSI)	RATE FLOW LPM(GPM)	MOUNTED BOLT METER(INCH)
RF-G01	250(3550)	1:7-70(100-1000) 2:35-140(500-2000) 3:70-250(1000-3550)	2(0.5)	M5x40L 4 PCS #10-24UNC-1 1/2" 4 PCS

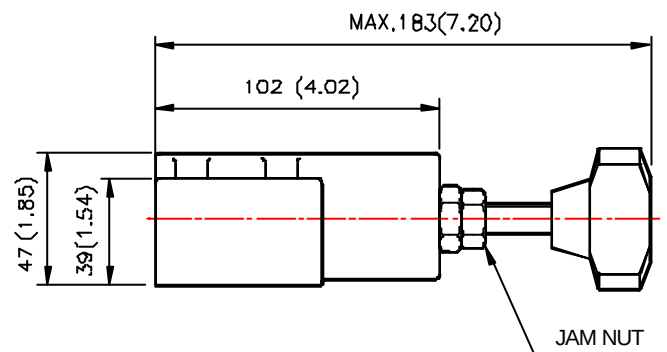
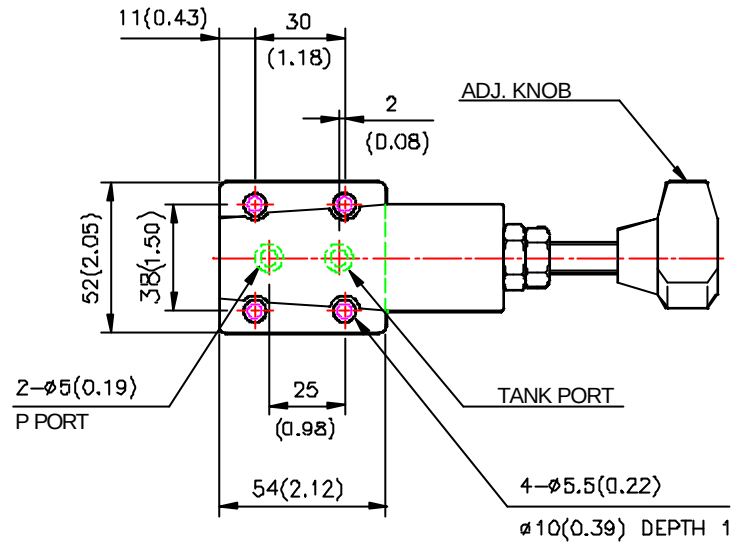
HOW TO ORDER



INSTALLATION DIMENSIONS

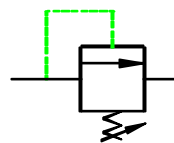
UNIT mm(inch)
WEIGHT 1.5kgs(3.4lbs)

RF-G01





SYMBOL

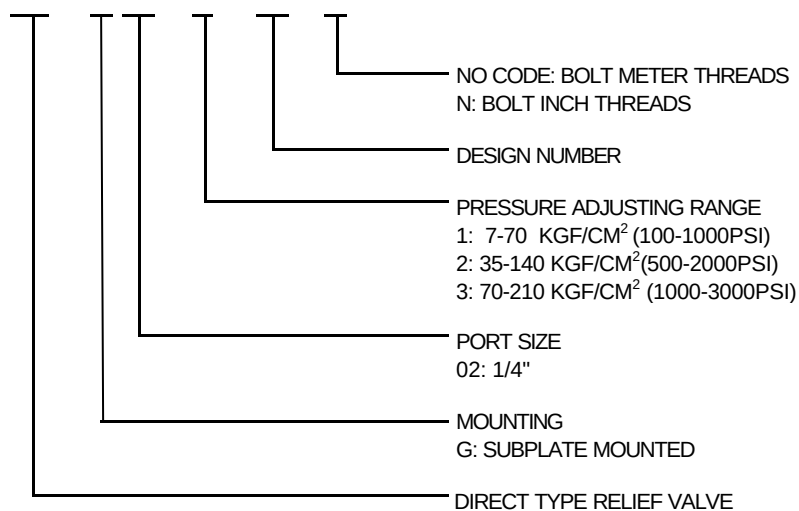


SPECIFICATIONS

MODEL	MAX. PRESSURE KGF/CM ² (PSI)	PRESSURE ADJ. RANGE KGF/CM ² (PSI)	RATE FLOW LPM(GPM)	BOLT METER(INCH)
RF-G02	210(3000)	1: 7-70(100-1000)	16(4.2)	M5x40L 4 PCS (#10-24UNC-1 1/2")
		2: 35-140(500-2000)		
		3: 70-210(1000-3000)		

HOW TO ORDER

RF - G02 - 1 - 10 - N

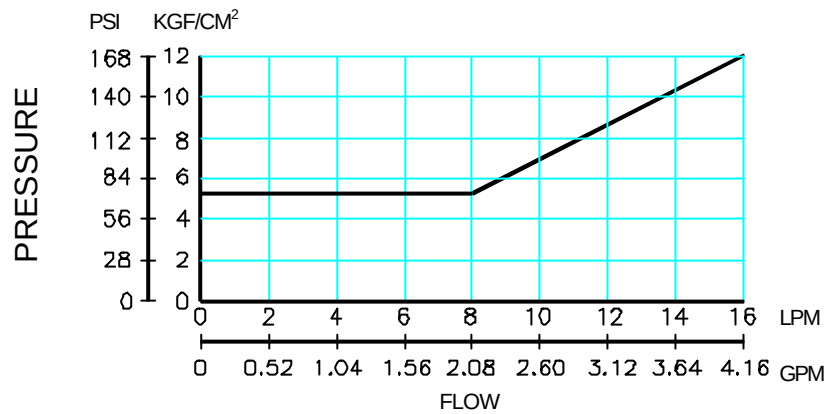


PERFORMANCE CURVES

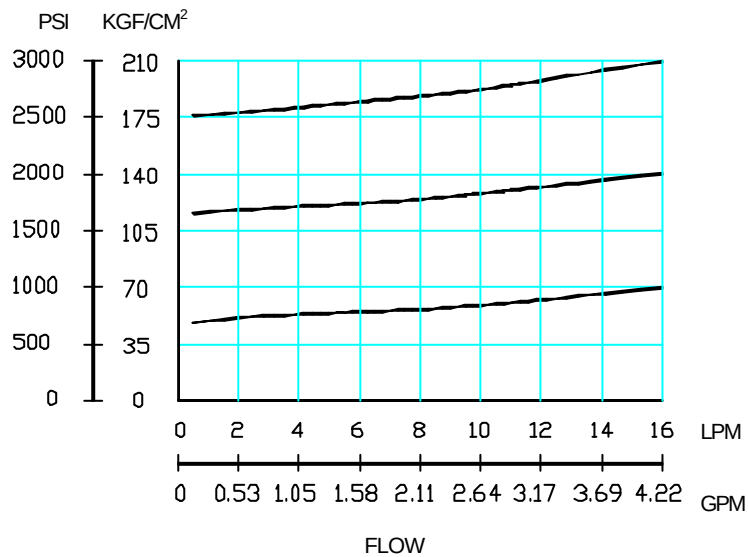
TEST FLUID VISCOSITY : 35 cSt (175 SSU)

TEST TEMPERATURE : 50°C (122°F)

Min. Adj. PRESSURE



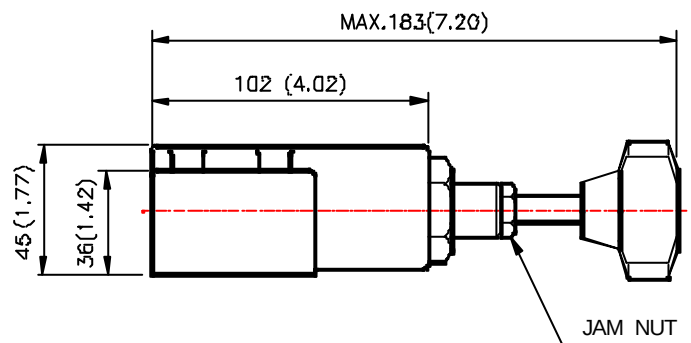
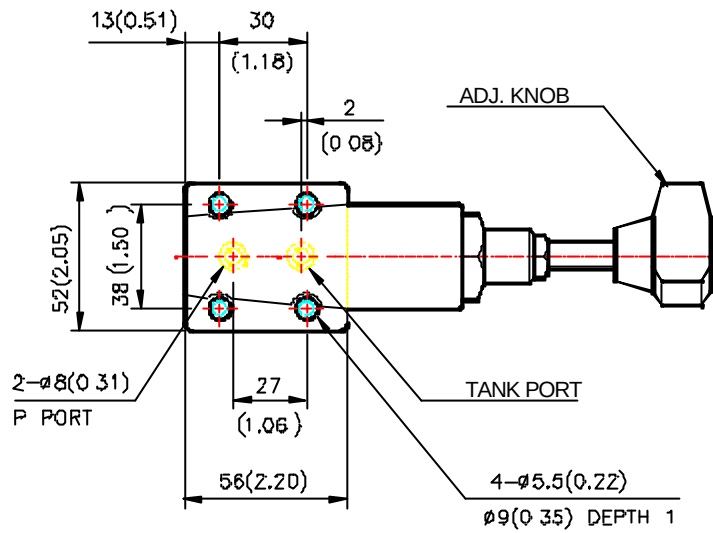
NOMINAL OVERRIDE



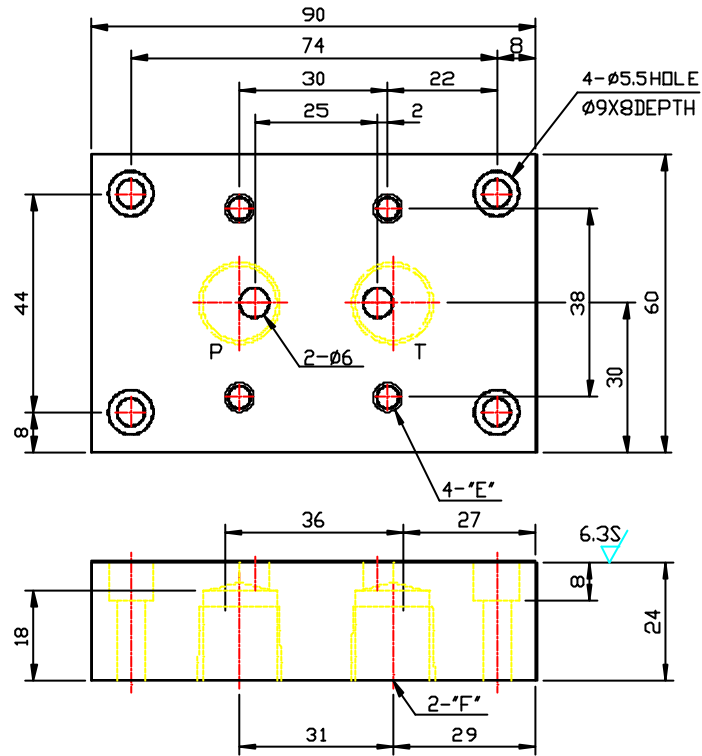
INSTALLATION DIMENSIONS

UNIT mm(inch)
WEIGHT 1.5kgs(3.4lbs)

RF-G02



UNIT mm(inch)

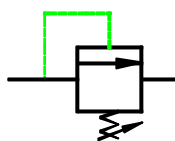


SUBPLATE FOR RF-G01 & RF-G02 SERIES

MODEL	PARTS No.	E	F
MF-02-02	61002259	M5x08Px12L	1/4PT
MF-02-02-N	61002260	#10-24UNCx12L	1/4NPT
MF-02-03	61002261	M5x08Px12L	3/8PT
MF-02-03-N	61002262	#10-24UNCx12L	3/8NPT



SYMBOL



FEATURES

- RF series relief valve is designed on the theory of differential pressure created by flow across the orifice of the balance piston. This differential pressure acts to open the piston against the spring, permitting enough fluid vented to tank at the set pressure.
- Piston moves smoothly, and controlled by pilot pressure, provides stable pressure control and good repeatability.
- Special internal passage design keeps flow noise to minimum.

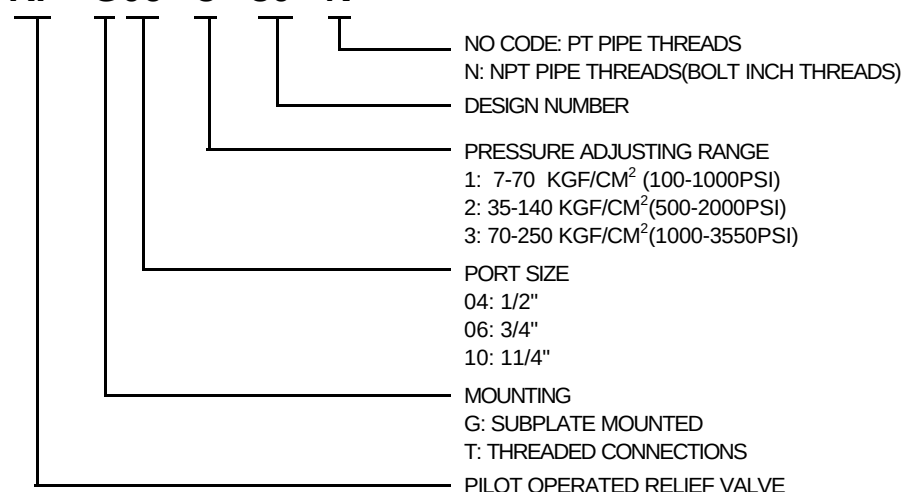
Remarks: NPT ports for RF-T series can be made by special order

SPECIFICATIONS

MODEL	MAX. PRESSURE KGF/CM ² (PSI)	PRESSURE ADJ. RANGE KGF/CM ² (PSI)	MAX. FLOW LPM(GPM)	MOUNTED BOLD(FOR G TYPE) METER(INCH)
RF-# 04	250 (3550)	1:7-70(100-1000)	100 (26.4)	M12x70L(1/2"-2 3/4") 2PCS M12x90L(1/2"-3 1/2") 2PCS
RF-# 06		2:35-140(500-1000)	200 (52.8)	M16x60L(5/8"-2 1/4") 2PCS M16x80L(5/8"-3 1/4") 2PCS
RF-# 10		3:70-250(1000-3550)	400 (105.6)	M20x70L(3/4"-2 3/4") 2PCS M20x90L(3/4"-3 1/2") 2PCS

HOW TO ORDER

RF - G06 - 3 - 30 - N





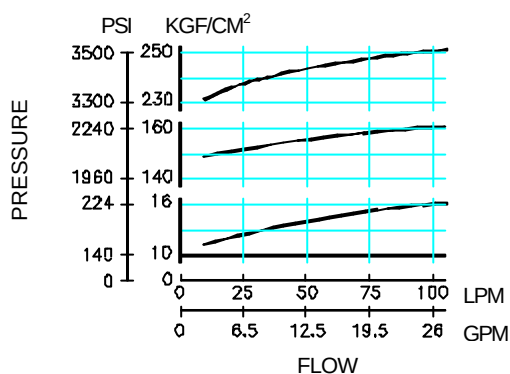
PERFORMANCE CURVE

TEST FLUID VISCOSITY 35 cSt (175 SSU)

TEST TEMPERATURE 50° C (122° F)

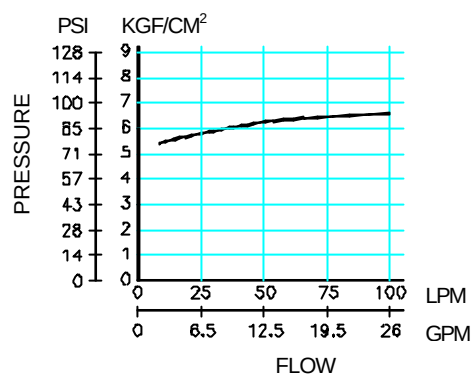
NOMINAL OVERRIDE

RF-G04, RF-T04

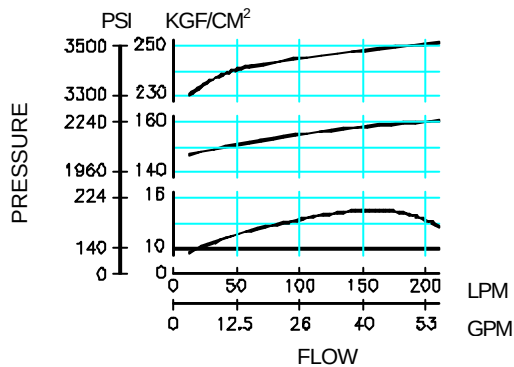


Min. Adj. PRESSURE

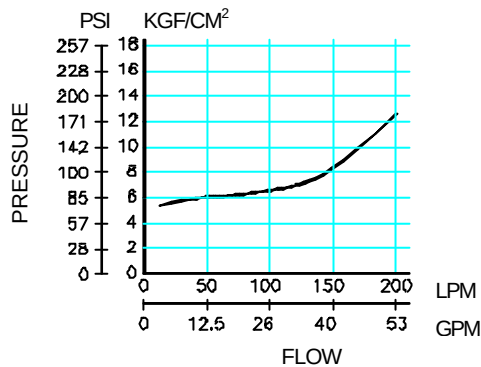
RF-G04, RF-T04



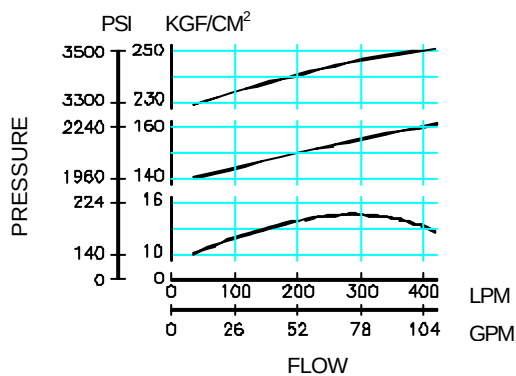
RF-G06, RF-T06



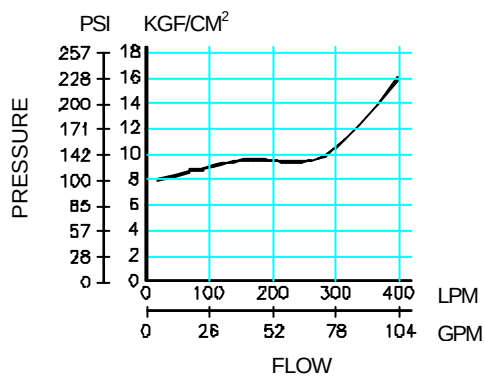
RF-G06, RF-T06



RF-G10, RF-T10



RF-G10, RF-T10

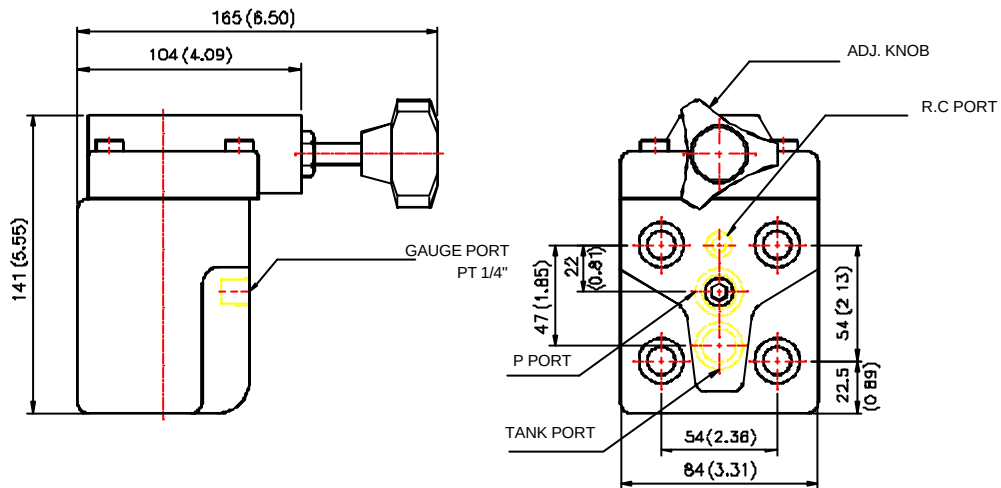


INSTALLATION DIMENSIONS

UNIT mm(inch)

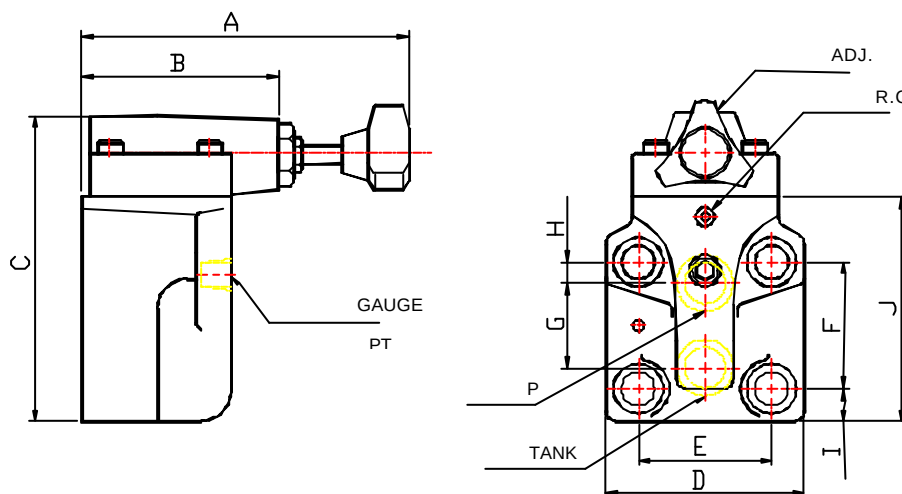
RF-G04

RF-G04 : ISO 6264-AR-06-2-A
WEIGHT 5.5kgs(12.1lbs)



RF-G06/10

06 : ISO 6264-AS-08-2-A
10 : ISO 6264-AT-10-2-A

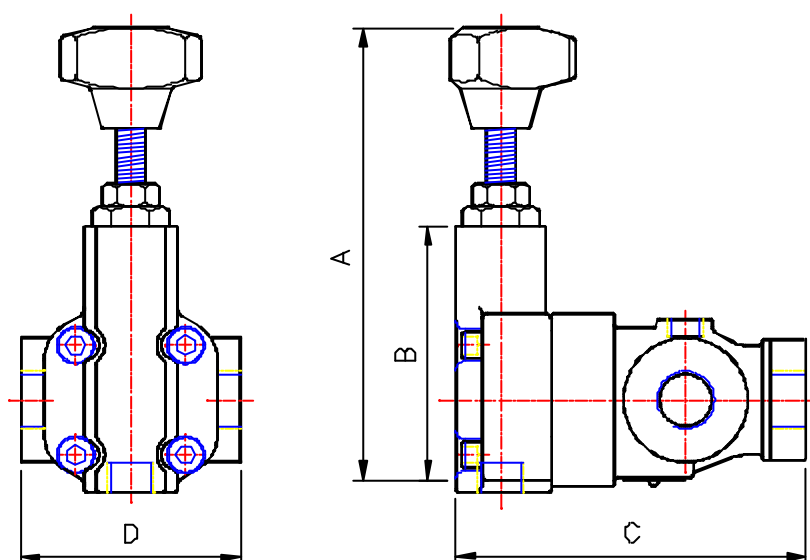
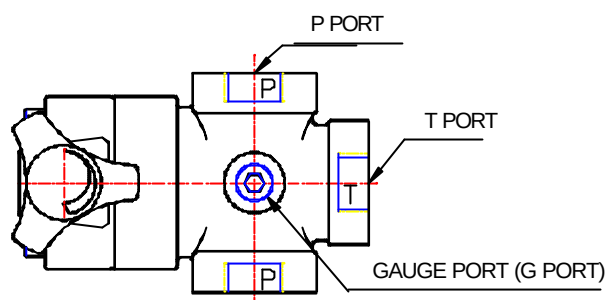


MODEL	A	B	C	D	E	F	G	H	I	J	WEIGHT	
											KGS	LBS
RF-G06	175 (6.89)	104 (4.09)	160 (6.30)	104 (4.09)	70 (2.76)	66.6 (2.62)	44.1 (1.74)	11.1 (0.44)	19.5 (0.77)	122 (4.80)	6.7	14.7
RF-G10	184 (7.24)	120 (4.72)	195 (7.68)	125 (4.92)	82 (3.23)	88.9 (3.50)	63.6 (2.50)	12.7 (0.50)	18.5 (0.73)	150 (5.91)	10.1	22.1

INSTALLATION DIMENSIONS

UNIT mm(inch)

RF-T0*

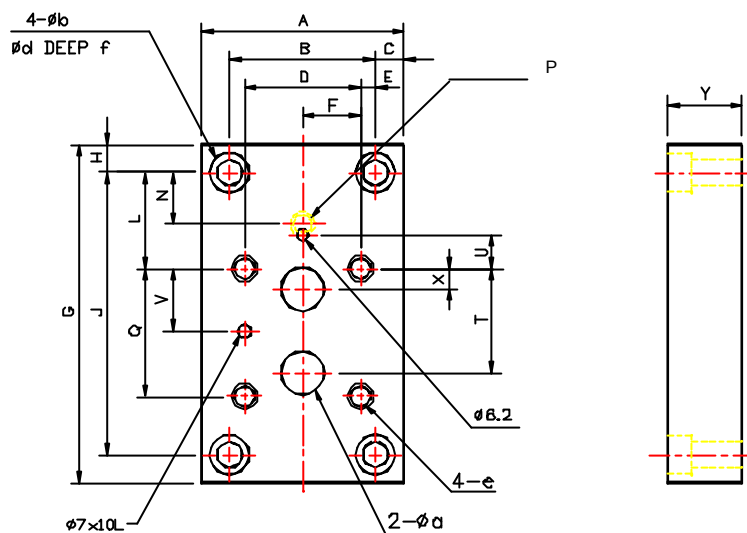


MODEL	A	B	C	D	P PORT	T PORT	G PORT	WEIGHT	
								KGS	LBS
RF-T04 SERIES	MAX. 142 (5.59)	92 (2.02)	111 (4.37)	84.5 (3.33)	PT 1/2"	PT 1/2"	PT 1/4"	3.4	7.5
RF-T06 SERIES	MAX. 148 (5.83)	102 (4.02)	140 (5.51)	103 (4.05)	PT 3/4"	PT 3/4"	PT 1/4"	5.3	11.7
RF-T10 SERIES	151 MAX. (5.94)	120 (4.72)	183 (7.20)	120 (4.72)	PT 1 1/4"	PT 1 1/4"	PT 1 1/4"	8.5	18.7

INSTALLATION DIMENSIONS

UNIT mm(inch)

MF-**



MODEL	A	B	C	D	E	F	G	H
MF-04	86 (3.39)	60 (2.36)	13 (0.51)	53.8 (2.12)	3.1 (0.12)	26.9 (1.06)	149 (5.87)	13 (0.51)
MF-06	108 (4.25)	78 (3.07)	15 (0.59)	70 (2.76)	4 (0.16)	35 (1.38)	180 (7.09)	15 (0.59)
MF-10	126 (4.96)	94 (3.70)	16 (0.63)	82.6 (3.25)	5.7 (0.22)	41.3 (1.63)	227 (8.94)	16 (0.63)

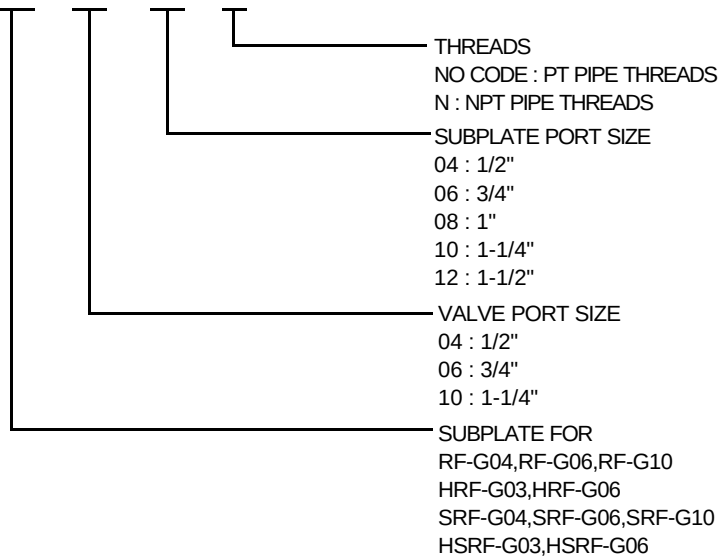
MODEL	J	L	N	Q	T	U	V	X
MF-04	123 (4.84)	32 (1.26)	26 (1.02)	53.8 (2.12)	47.5 (1.87)	0 (0.00)	22.1 (0.87)	22.1 (0.87)
MF-06	150 (5.91)	51 (2.01)	27.2 (1.07)	66.7 (2.63)	55.6 (2.19)	23.8 (0.94)	33.4 (1.31)	11.1 (0.43)
MF-10	195 (7.68)	62 (2.44)	30.2 (1.19)	88.9 (3.5)	76.2 (3.00)	31.8 (1.25)	44.5 (5.44)	12.7 (0.50)

MODEL	Y	a	b	d	e	f
MF-04	32 (1.26)	14.5 (0.57)	11 (0.43)	17.5 (0.69)	M12x20L 1/2-13UNCx20L	12 (0.47)
MF-06	40 (1.57)	23 (0.91)	13.5 (0.53)	21 (0.83)	M16x25L 5/8-11UNCx25L	12 (0.47)
MF-10	50 (1.97)	28 (1.10)	17.5 (0.69)	26 (1.02)	M20x28L 3/4-10UNCx28L	17 (0.67)



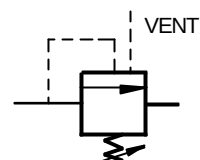
HOW TO ORDER

MF - 04 - 04 - N





SYMBOL



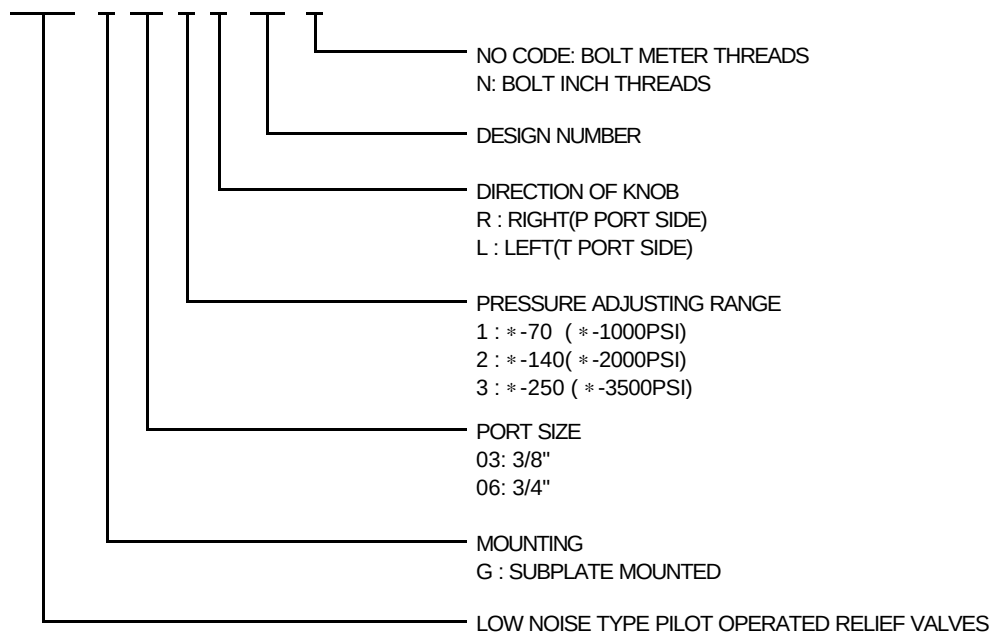
SPECIFICATIONS

MODEL	MAX. PRESSURE KGF/CM ²	MAX. FLOW LPM (GPM)	BOLT METER(INCH)
HRF-G03- $\ast$ -10	250 (3500)	100 (25)	M12x40Lx4(1/2x1 3/5")
HRF-G06- $\ast$ -10		200 (53)	M16x50Lx4(5/8x2")

HOW TO ORDER



HRF-G06-3-L-10-N

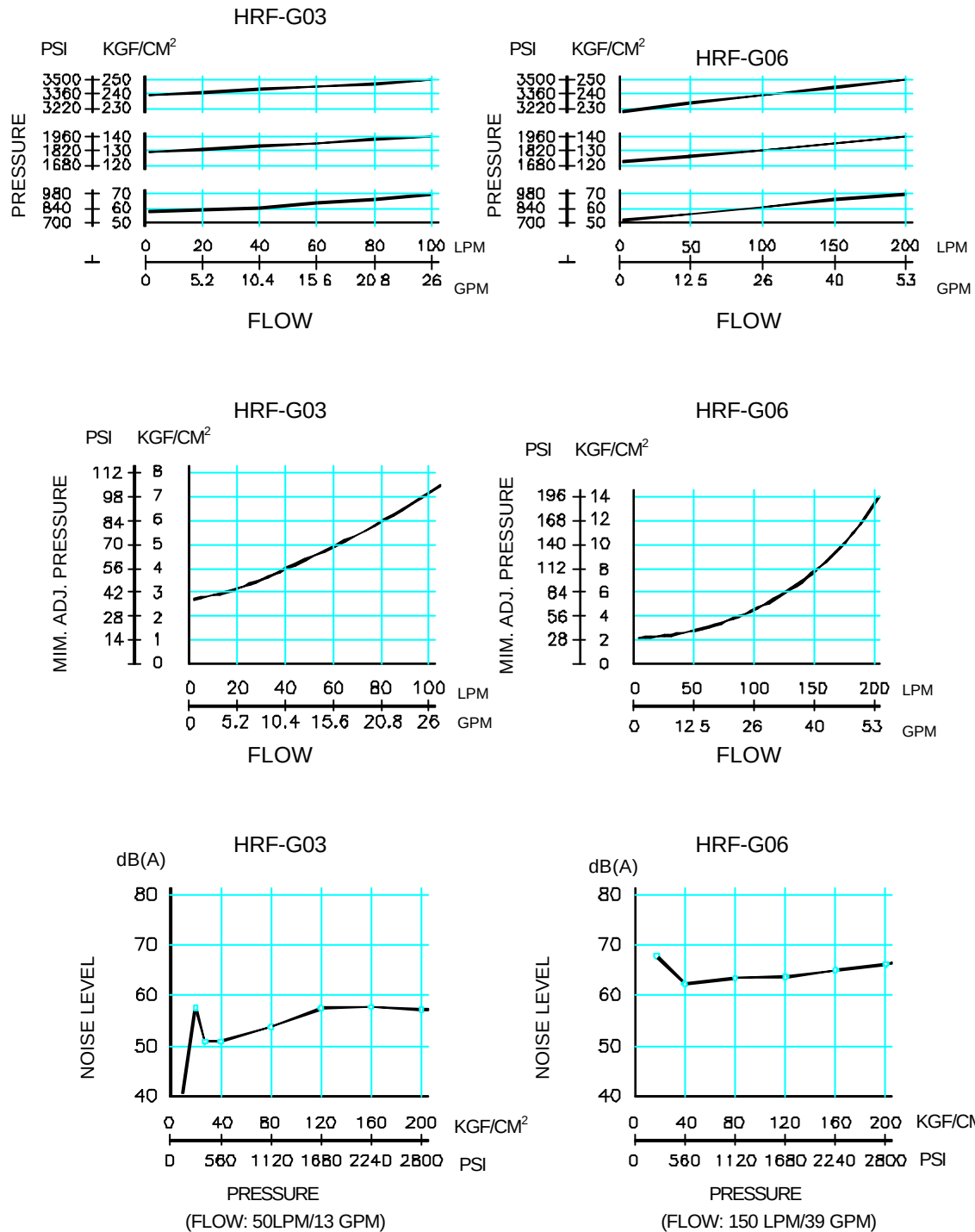


PERFORMANCE CURVES

TEST CONDITIONS

VISCOSITY: 35 cSt

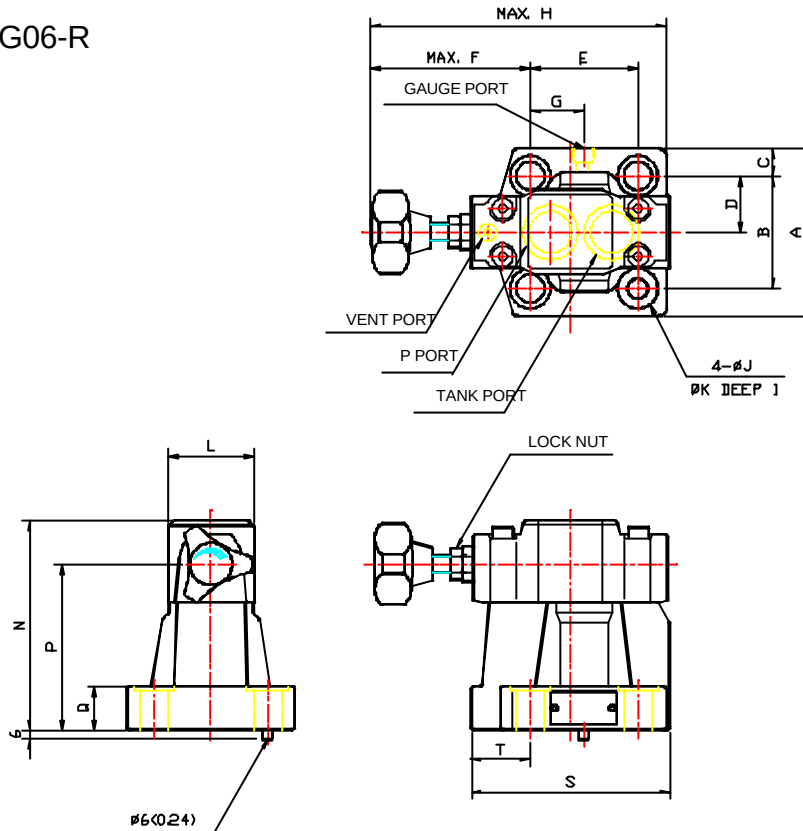
TEMPERATURE: 50°C



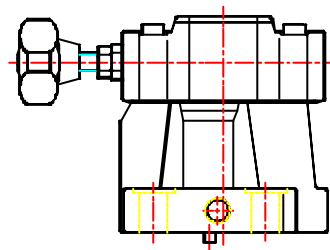
INSTALLATION DIMENSIONS

UNIT mm(inch)

HRF-G03/G06-R



HRF-G03/G06-L



MODEL	A	B	C	D	E	F	G	H	J
HRF-G03	76(3)	53.8(2.12)	11.1(0.44)	26.9(1.06)	53.8(2.11)	113.5(4.47)	27(1.06)	171(6.73)	13.5(0.53)
HRF-G06	104(4.09)	70(2.76)	17(0.67)	35(1.38)	66.7(2.63)	98.8(3.89)	33.7(1.33)	171(6.73)	17.5(0.69)

MODEL	K	L	N	P	Q	S	T	SUBPLATE TYPE
HRF-G03	21(0.83)	51(2.01)	132(5.2)	104(4.09)	22(0.86)	106(4.17)	26(1.02)	MF-04
HRF-G06	25(0.98)	51(2.01)	132(5.2)	104(4.09)	27(1.06)	123(4.84)	36.5(1.44)	MF-06



FEATURES

- The series of SRF-T/G valves are the combination of solenoid operated directional control valve and RF-G relief valve in one integrated body to provide a wide variety of pressure control possibilities. Solenoid control permits convenient electrical selection of system pressures. Selection for pressure or vent, either of two pressures, or two pressures and vent, or one of three pressures can be achieved by proper selection of the valves listed below.

SPECIFICATIONS

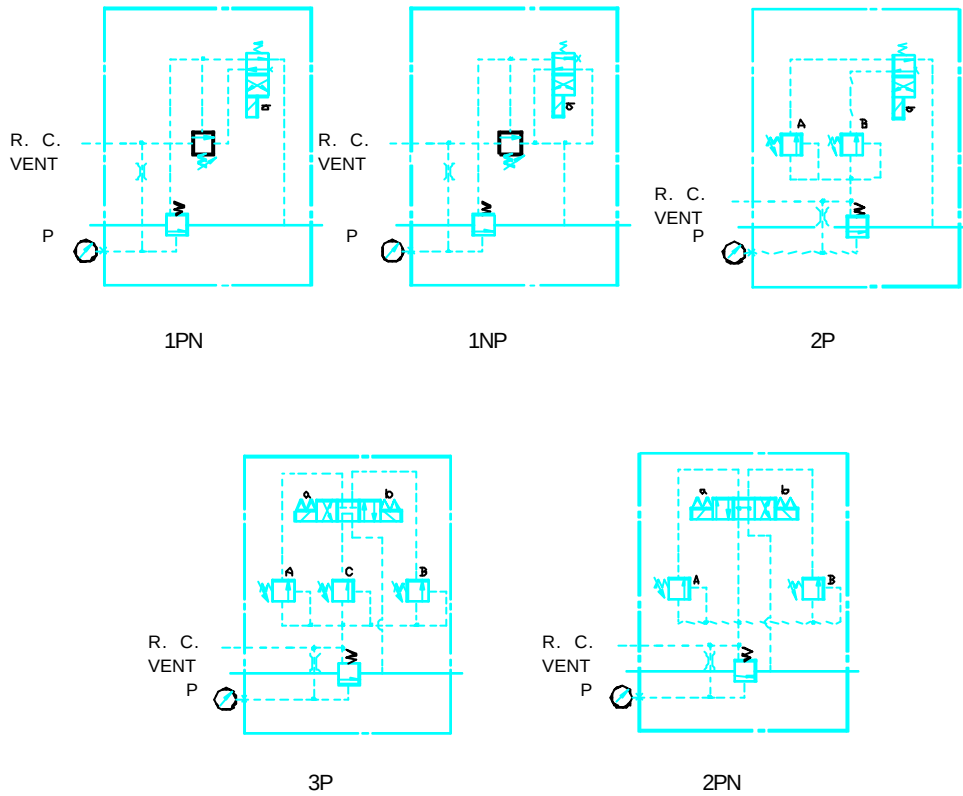
MODEL	MAX. PRESSURE KGF/CM ² (PSI)	RATED FLOW LPM(GPM)	PRESSURE ADJ. RANGE KGF/CM ² (PSI)
SRF-G04	250 (3500)	100(26.4)	1: 7-70(100-1000)
SRF-G/T06		200(52.8)	2: 35-140(500-2000)
SRF-G10		400(105.6)	3: 70-250(1000-3550)

HOW TO ORDER

SRF-G06-1PN-1-A220-10-30-A1-N

NO CODE: PT PIPE THREADS N: NPT PIPE THREADS(BOLT IN INCH)
SOLENOID VALVE POSITION A1: PLEASE REFER TO PAGE * NO CODE: STANDARD
DESIGN NUMBER
WIRING 10: JOINT BOX WITH INDICATING LIGHT 20: HIRSCHMANN TYPE WITH INDICATING LIGHT
A110: AC110V 60HZ, 100V 50HZ A120: AC120V 60HZ, 110V 50HZ A220: AC220V 60HZ, 200V 50HZ A240: AC240V 60HZ, 220V 50HZ R110: AC110V 60HZ, 100V 50HZ R120: AC120V 60HZ, 110V 50HZ R220: AC220V 60HZ, 200V 50HZ R240: AC240V 60HZ, 220V 50HZ D12 : DC12V D24 : DC24V
PRESSURE ADJUSTING RANGE 1: 7-70 KGF/CM ² (100-1000PSI) 2: 35-140 KGF/CM ² (500-2000PSI) 3: 70-250 KGF/CM ² (1000-3550PSI)
1PN: NORMALLY VENTED 1NP: ENERGIZED TO VENT 2P : DUAL PRESSURE ADJUSTING RANGES 2PN: DUAL PRESSURE AND VENT 3P : THREE PRESSURE ADJUSTING RANGES
PORT SIZE 04:1/2" (SUBPLATE ONLY) 06:3/4" 10: 1-1/4" (SUBPLATE ONLY)
MOUNTING G: SUBPLATE MOUNTED T: THREADED CONNECTIONS
SOLENOID CONTROLLED PILOT OPERATED RELIEF VALVE

SYMBOLS & FUNCTION TABLES

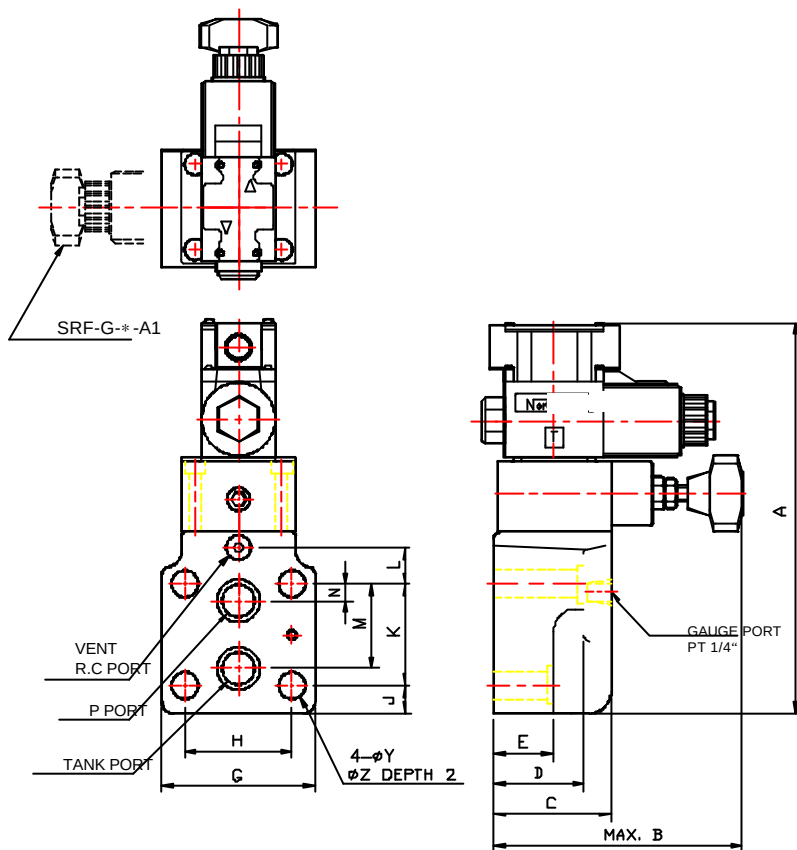


MODEL	INPUT		OUTPUT
	SOL b	SOL a	
1PN	OFF	NONE	VENTED
	ON		ADJUSTABLE PRESSURE
1NP	NONE	OFF	ADJUSTABLE PRESSURE
		ON	VENTED
2P	OFF	NONE	ADJUSTABLE PRESSURE AT A
	ON		ADJUSTABLE PRESSURE AT B
2PN	OFF	OFF	VENTED
	ON	OFF	ADJUSTABLE PRESSURE AT A
	OFF	ON	ADJUSTABLE PRESSURE AT B
3P	OFF	OFF	ADJUSTABLE PRESSURE AT C
	ON	OFF	ADJUSTABLE PRESSURE AT A
	OFF	ON	ADJUSTABLE PRESSURE AT B

INSTALLATION DIMENSIONS

UNIT mm(inch)

SRF-G*-1PN/1NP



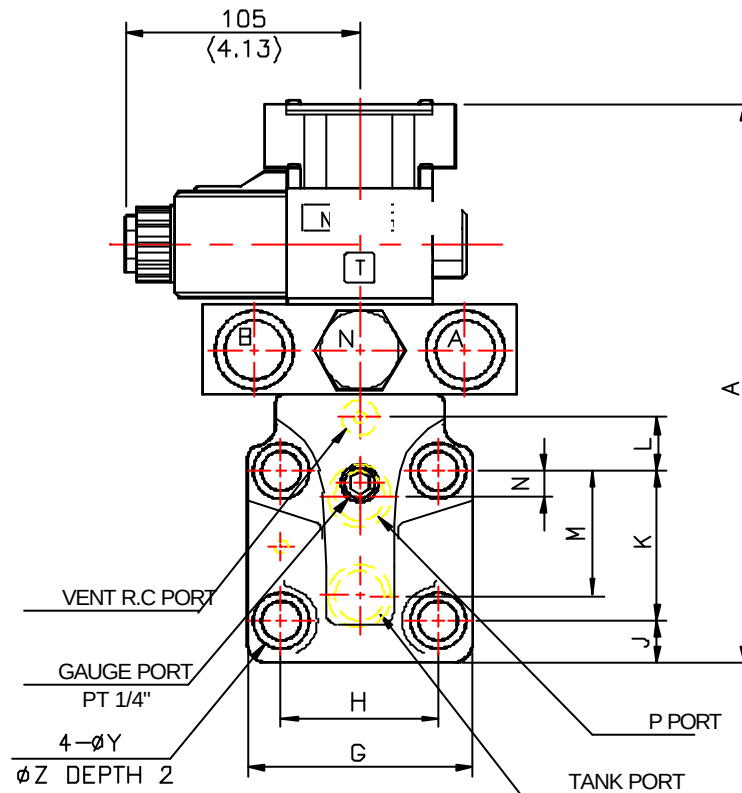
MODEL	A	B	C	D	E	G	H	J	K
SRF-G04 SERIES	228.5 (9.00)	175 (6.89)	78 (3.07)	78 (3.07)	57 (0.67)	82 (3.23)	53.8 (2.12)	21.5 (0.89)	53.8 (2.12)
SRF-G06 SERIES	254 (9.61)	175 (6.85)	78 (3.07)	60 (2.36)	40 (0.67)	102 (4.09)	70 (2.76)	19 (0.67)	66.7 (2.63)
SRF-G10 SERIES	281 (11.06)	184 (7.24)	87.5 (3.45)	67 (2.64)	47 (0.71)	124 (4.88)	82.6 (3.25)	20 (0.71)	88.9 (3.5)

MODEL	L	M	N	Y	Z	WEIGHT	SUBPLATE TYPE
SRF-G04 SERIES	0 (0)	47.5 (2.13)	22 (0.87)	13.5 (0.53)	21 (0.83)	7.5 KGS (16.5 LBS)	MF-04
SRF-G06 SERIES	23.8 (0.94)	55.5 (2.19)	11 (0.43)	17.5 (0.69)	26 (1.02)	8.0 KGS (17.6 LBS)	MF-06
SRF-G10 SERIES	31.8 (1.25)	76.2 (3.00)	12.7 (0.50)	22 (0.85)	32 (1.26)	25 KGS (55.1 LBS)	MF-10

INSTALLATION DIMENSIONS

UNIT mm(inch)

SRF-G06/G10-2P

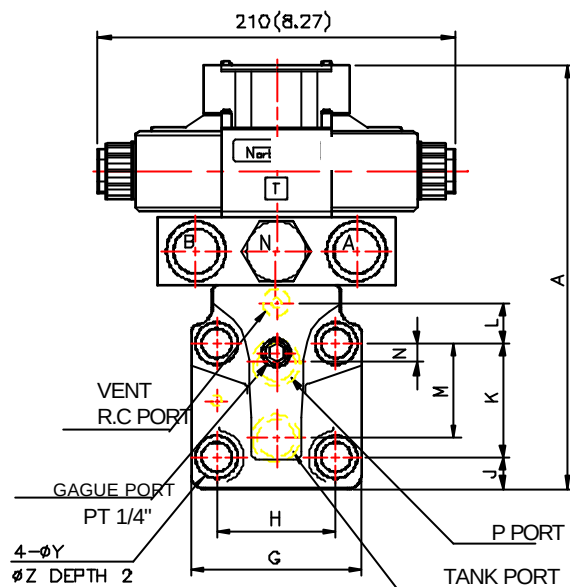


MODEL	A	G	H	J	K	L	M	N	Y	Z	WEIGHT	SUBPLATE TYPE
SRF-G06 SERIES	244 (9.61)	104 (4.09)	70 (2.76)	16.9 (0.67)	66.7 (2.63)	23.8 (0.94)	55.5 (2.19)	11 (0.43)	17.5 (0.69)	26 (1.02)	10 KGS (22.0LBS)	MF-06
SRF-G10 SERIES	281 (11.06)	124 (4.88)	82.6 (3.25)	18 (0.71)	88.9 (3.5)	31.8 (1.25)	76.2 (3.00)	12.7 (0.50)	21.5 (0.85)	32 (1.26)	27 KGS (59.5LBS)	MF-10

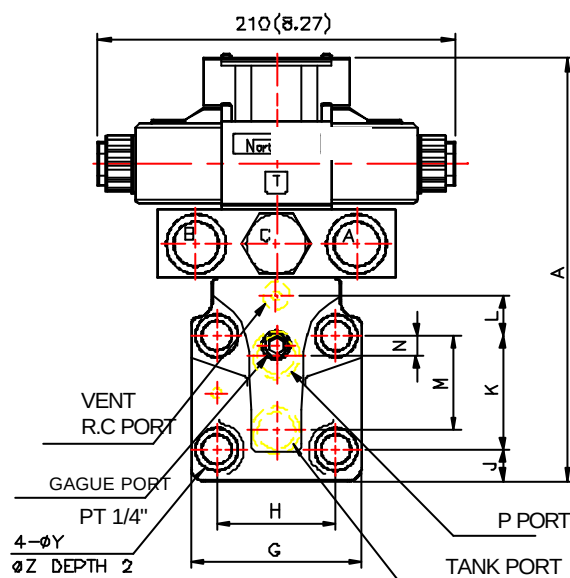
INSTALLATION DIMENSIONS

UNIT mm(inch)

SRF-G06/G10-2PN



SRF-G06/G10-3P

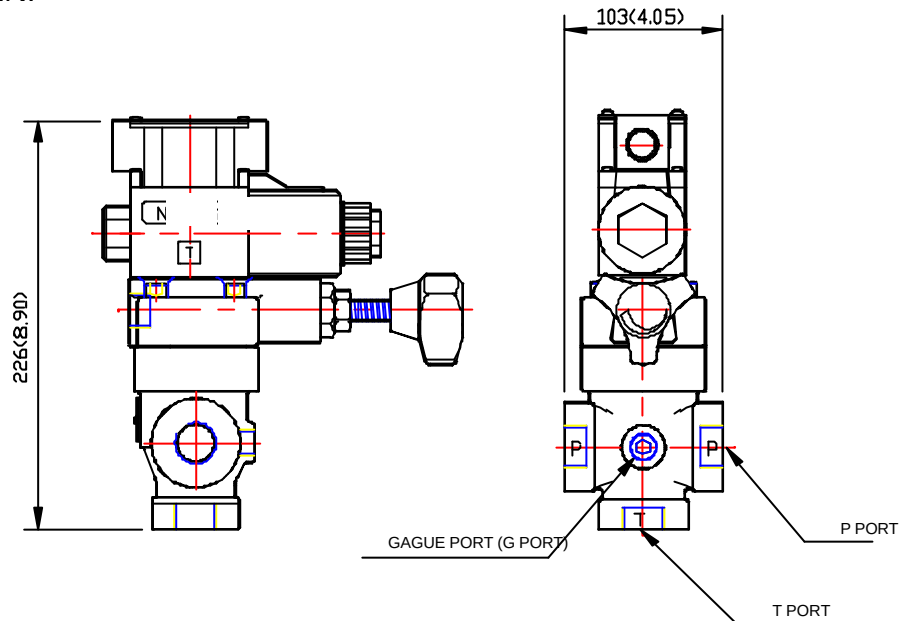


MODEL	A	G	H	J	K	L	M	N	Y	Z	WEIGHT	SUBPLATE TYPE
SRF-G06 SERIES	244 (9.61)	104 (4.09)	70 (2.76)	16.9 (0.67)	66.7 (2.63)	23.8 (0.94)	55.5 (2.19)	11 (0.43)	17.5 (0.69)	26 (1.02)	12 KGS (26.4LBS)	MF-06
SRF-G10 SERIES	281 (11.06)	124 (4.88)	82.6 (3.25)	18 (0.71)	88.9 (3.5)	31.8 (1.25)	76.2 (3.00)	12.7 (0.50)	21.5 (0.85)	32 (1.26)	29 KGS (63.9LBS)	MF-10

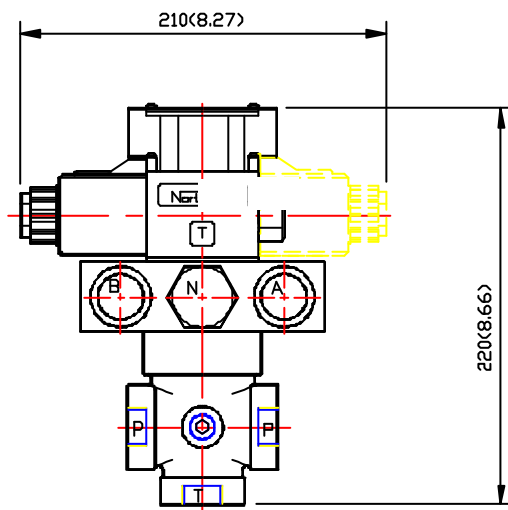
INSTALLATION DIMENSIONS

UNIT mm(inch)

SRF-T06-1PN/1NP

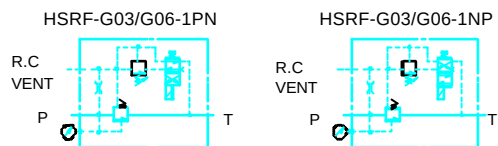


SRF-T06-2P/2PN/3P





SYMBOL



SPECIFICATIONS

MODEL	MAX. PRESSURE KGF/CM ² (PSI)	MAX. FLOW LPM (GPM)	BOLT METER (INCH)
HSRF-G03-# 10	250 (3500)	100 (25)	M12x40Lx4 (1/2x1 3/5")
HSRF-G06-# -10		200 (53)	M16x50Lx4 (5/8x2")

HOW TO ORDER

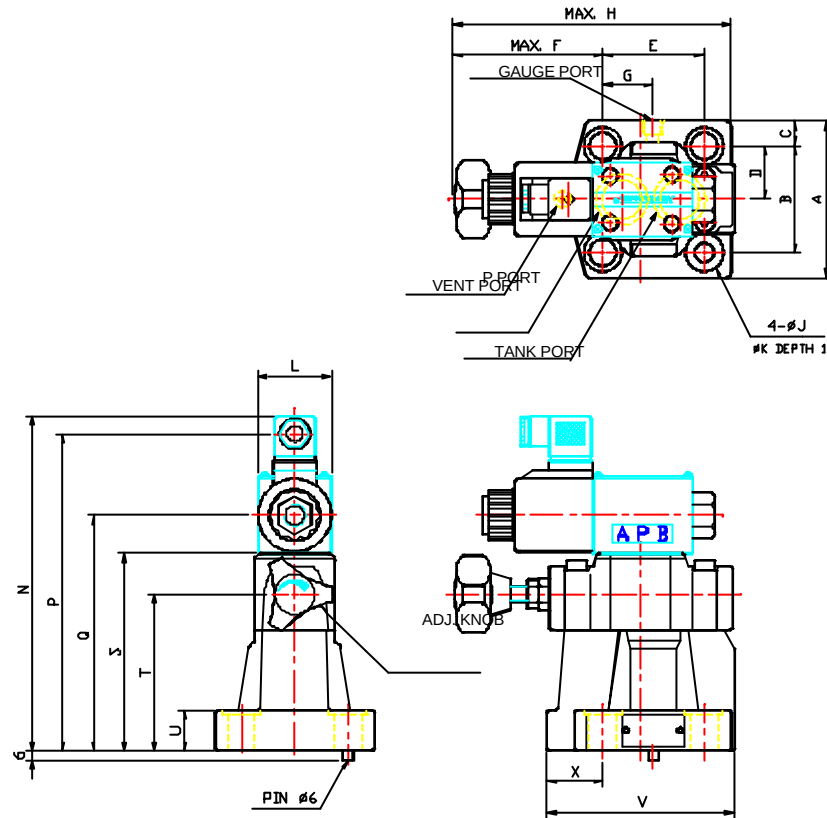
HSRF-G06-1PN-3-A220-10-L-10-N

- NO CODE : BOLT METER THREADS
- N : BOLT INCH THREADS
- DESIGN NUMBER
- DIRECTION OF HANDLE
- R: RIGHT(P PORT SIDE)
- L: LEFT(T PORT SIDE)
- WIRING
- 10: JOINT BOX WITH INDICATING LIGHT
- 20: HIRSCHMANN TYPE WITH INDICATING
- COIL VOLTAGE
- A110: AC110V 60HZ, 100V 50HZ
- A120: AC120V 60HZ, 110V 50HZ
- A220: AC220V 60HZ, 200V 50HZ
- A240: AC240V 60HZ, 220V 50HZ
- R110: AC110V 60HZ, 100V 50HZ
- R120: AC120V 60HZ, 110V 50HZ
- R220: AC220V 60HZ, 200V 50HZ
- R240: AC240V 60HZ, 220V 50HZ
- D12 : DC12V
-
- PRESSURE ADJUSTING RANGE
- 1 : *-70 KGF/CM (*-1000PSI)
- 2 : *-140 KGF/CM (*-2000PSI)
- 3 : *-250 KGF/CM (*-3500PSI)
- 1PN : NORMALLY VENTED
- 1NP : ENERGIZED TO VENT
- PORT SIZE
- 03: 3/8"
- 06: 3/4"
- MOUNTING
- G : SUBPLATE MOUNTED
- LOW NOISE TYPE SOLENOID CONTROLLED PILOT
OPERATED RELIEF VALVES

INSTALLATION DIMENSIONS

UNIT mm(inch)

HSRF-G03/06-1PN/1NP-R



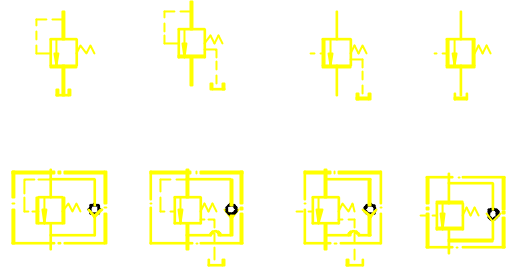
MODEL	A	B	C	D	E	F	G	H	J
HSRF-03	76(3)	53.8(2.12)	11.1(0.44)	26.9(1.06)	53.8(2.11)	113.5(4.47)	27(1.06)	171(6.73)	13.5(0.53)
HSRF-06	104(4.09)	70(2.76)	17(0.67)	35(1.38)	66.7(2.63)	98.8(3.89)	33.7(1.33)	171(6.73)	17.5(0.69)

MODEL	K	L	N	P	Q	S	T	U	V
HSRF-03	21(0.83)	48(1.89)	220.5(8.7)	206.8(8.1)	157(6.18)	132(5.2)	104(4.09)	22(0.86)	106(4.17)
HSRF-06	25(0.98)	48(1.89)	220.5(8.7)	206.8(8.1)	157(6.18)	132(5.2)	104(4.09)	27(1.06)	123(4.84)

MODEL	X	SUBPLATE TYPE
HSRF-G03	26(1.02)	MF-04
HSRF-G06	36.5(1.44)	MF-06



SYMBOLS

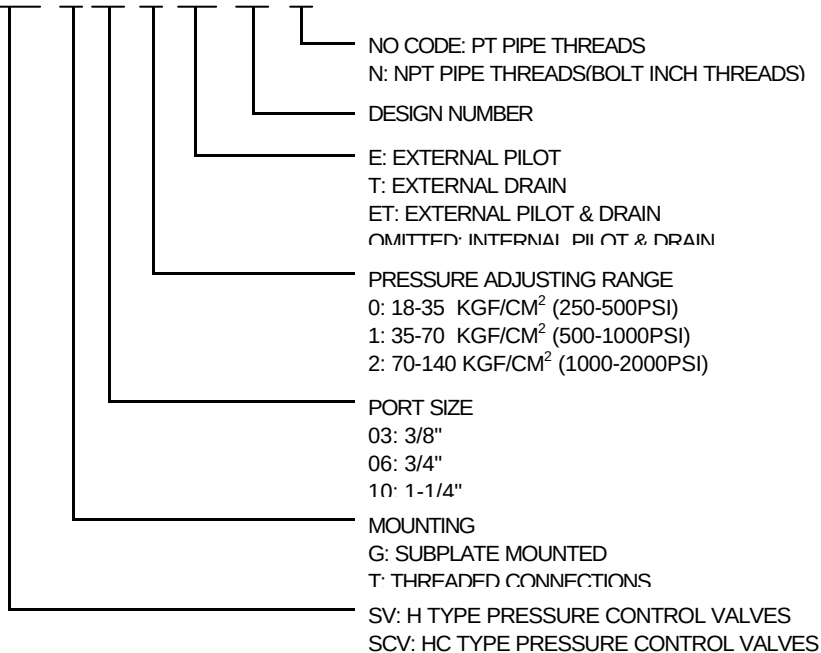


SPECIFICATIONS

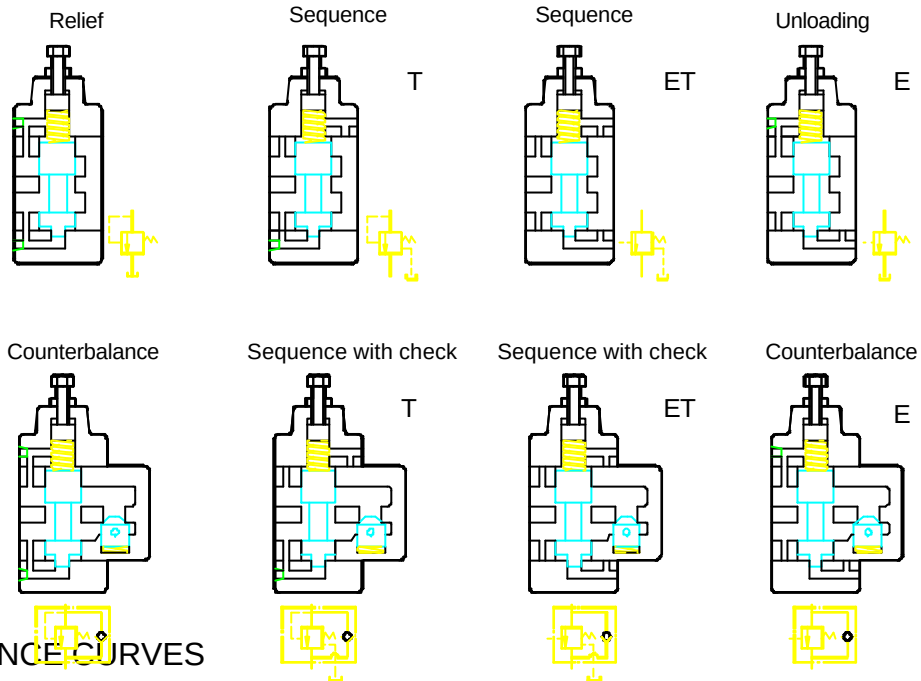
MODEL	MAX. OPERATED PRESSURE KGF/CM ² (PSI)	PRESSURE ADJ. RANGE KGF/CM ² (PSI)	MAX. FLOW LPM(GPM)
SV/SCV-# 03	210 (3000)	0: 18-35(250-500)	50(13)
SV/SCV-# 06		1: 35-70(500-1000)	125(33)
SV/SCV-# 10		2: 70-140(1000-2000)	250(66)

HOW TO ORDER

SCV-G06-0-ET-20-N

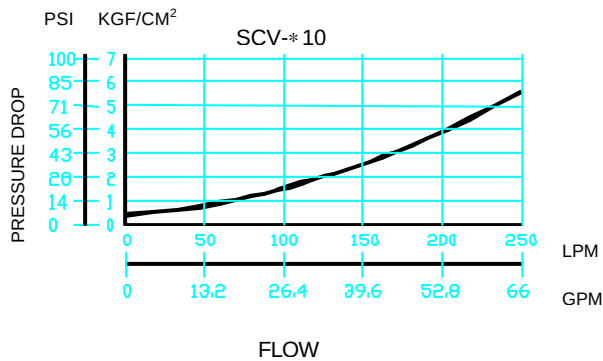
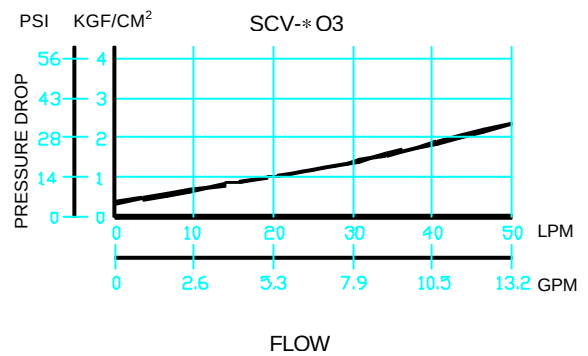
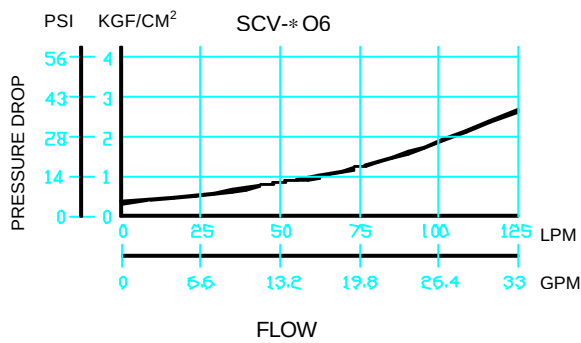


VALVE TYPE



PERFORMANCE CURVES

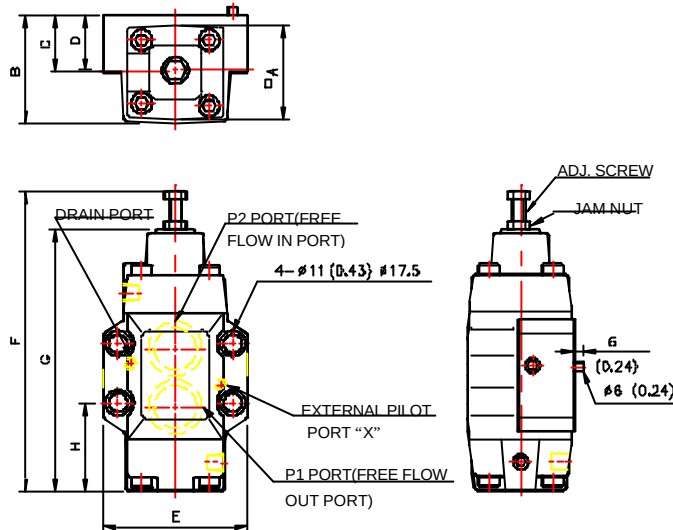
PRESSURE DROP FOR REVERSED FREE FLOW



INSTALLATION DIMENSIONS

UNIT mm(inch)

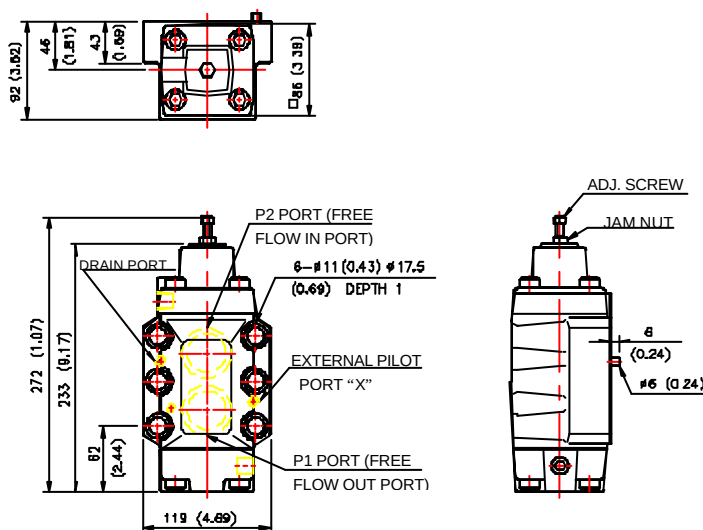
SV-G03/06



MODEL	A	B	C	D	E	F	G	H	BOLT	WEIGHT	
										KGS	LBS
SV-G03	60 (2.36)	67 (2.64)	41.7 (1.64)	39 (1.54)	89 (3.50)	195 (7.68)	170.3 (6.70)	52.3 (2.06)	M10x50x4PCS (3/8x2")	4.0	8.8
SV-G06	73 (2.87)	81 (3.19)	41.5 (1.63)	39 (1.54)	102 (4.02)	219 (8.62)	192 (7.56)	51 (2.01)	M10x50x4PCS (3/8x2")	6.1	13.4

UNIT mm(inch)
WEIGHT 11kgs(24.25lbs)

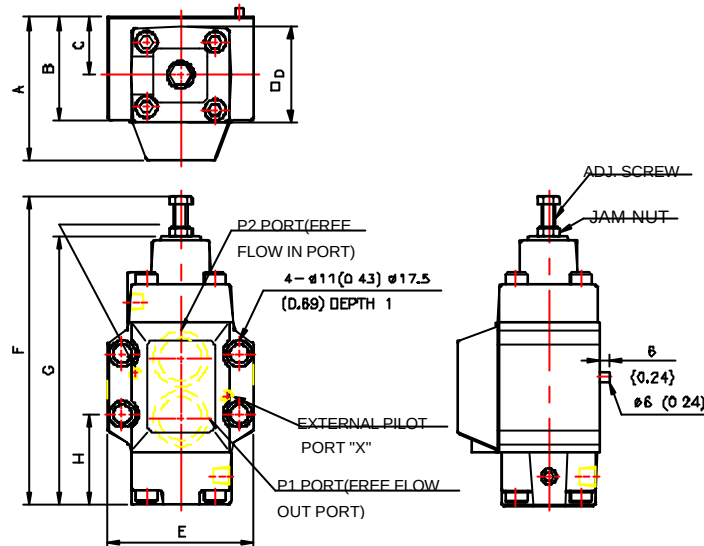
SV-G10



INSTALLATION DIMENSIONS

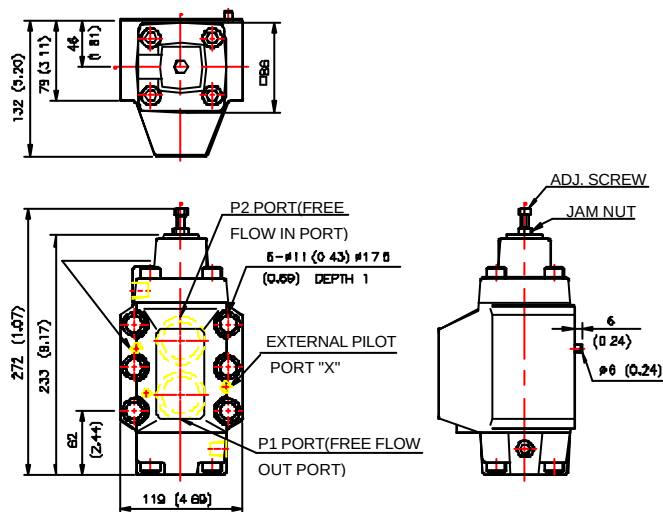
UNIT mm(inch)

SCV-G03/06



MODEL	A	B	C	D	E	F	G	H	BOLT	WEIGHT	
										KGS	LBS
SCV-G03	87 (3.43)	59 (2.32)	35 (1.38)	60 (2.36)	89 (3.50)	191 (7.52)	170 (6.69)	49.6 (1.95)	M10x70x4PCS (3/8x2 -3/4")	4.8	10.6
SCV-G06	108 (4.25)	69 (2.72)	40 (1.57)	73 (2.87)	102 (4.02)	221 (8.70)	188 (7.40)	51 (2.01)	M10x80x4PCS (3/8x3 -1/4")	7.8	17.2

SCV-G10

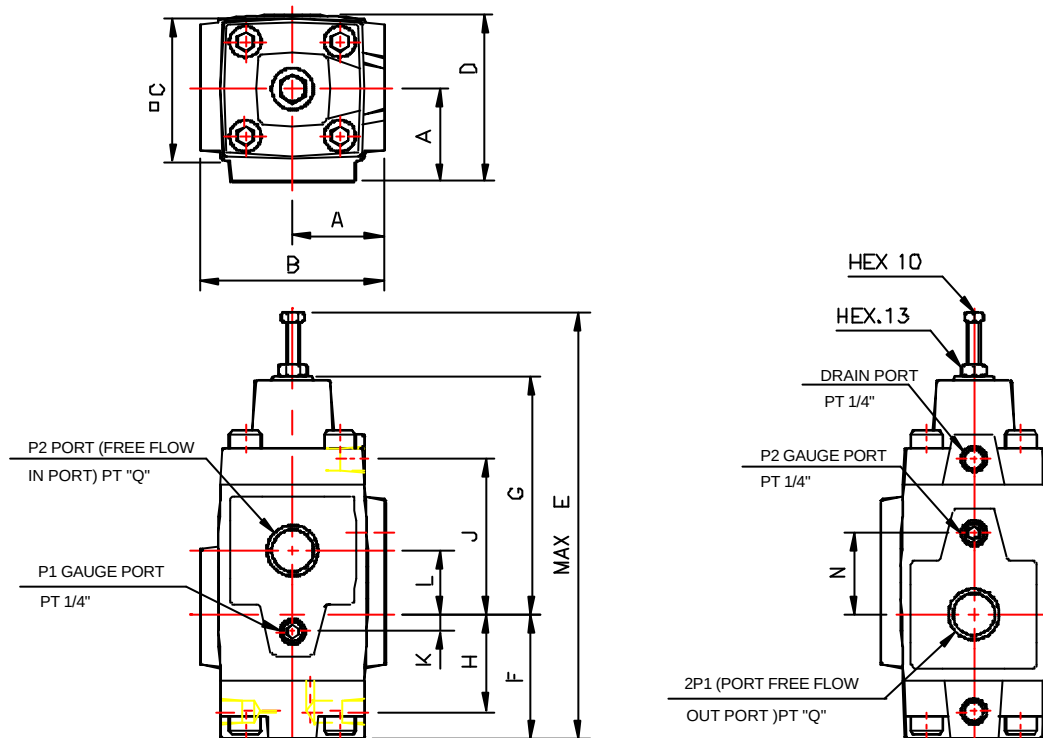


UNIT mm(inch)
WEIGHT 11kgs(24.25lbs)

INSTALLATION DIMENSIONS

UNIT mm(inch)

SV-T03/06/10



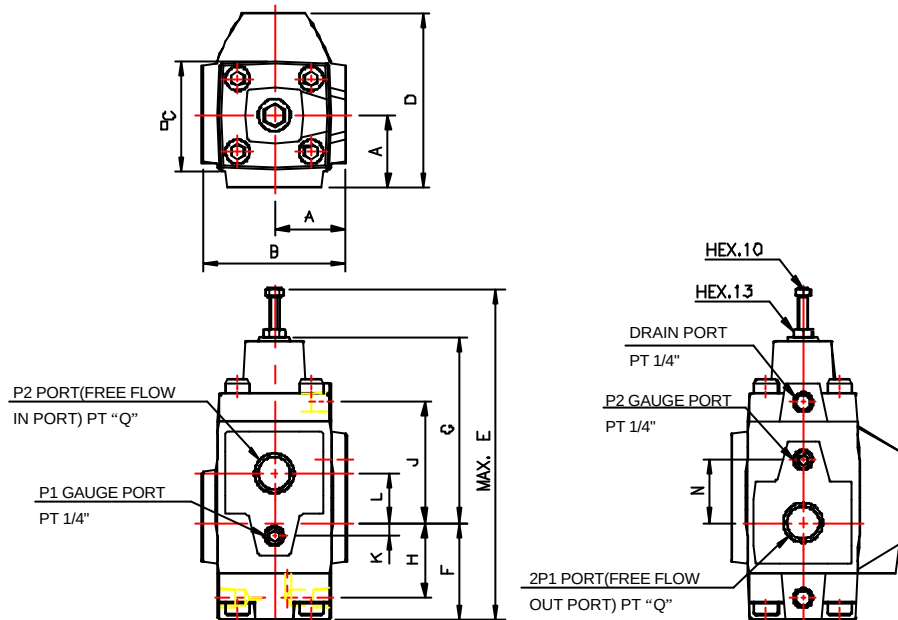
MODEL	A	B	C	D	E	F	G	H
SV-T03	42 (1.65)	84 (3.31)	61 (2.40)	74 (2.91)	195 (7.68)	57 (2.24)	106 (4.17)	43 (1.69)
SV-T06	48 (1.89)	96 (3.78)	73 (2.87)	86 (3.39)	219 (8.62)	64.5 (2.54)	123.5 (4.86)	50.5 (1.99)
SV-T10	68.5 (2.70)	137 (5.39)	84 (3.31)	103 (4.05)	272 (10.71)	84 (3.31)	149 (5.87)	66 (2.60)

MODEL	J	K	L	N	Q	WEIGHT	
						KGS	LBS
SV-T03	70 (2.76)	0 (0)	28 (1.10)	28 (1.10)	3/8 (1/2)	3.7	8.1
SV-T06	80.5 (3.17)	9 (0.35)	33 (1.30)	42 (1.65)	3/4 (1)	6.2	13.6
SV-T10	98 (3.86)	12 (0.47)	40 (1.57)	52 (2.05)	1 1/4 (1 1/2)	120	26.4

INSTALLATION DIMENSIONS

UNIT mm(inch)

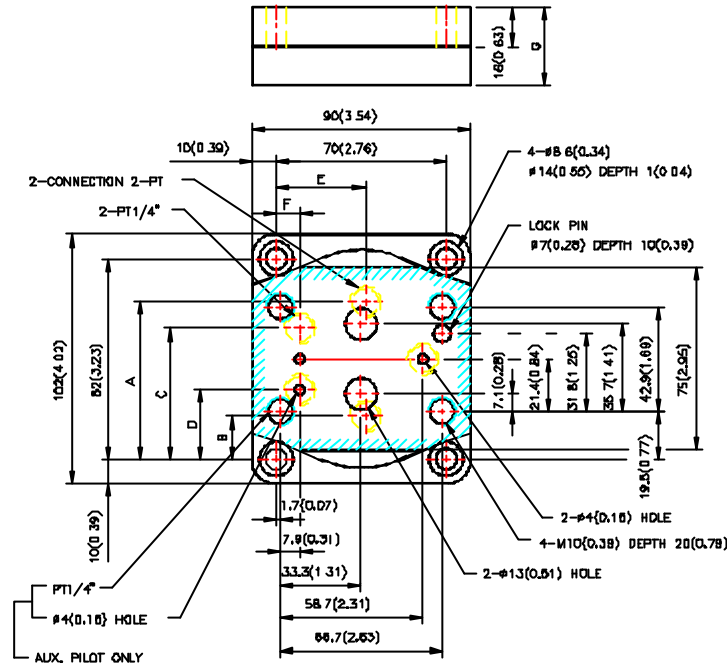
SCV-T03/06/10



MODEL	A	B	C	D	E	F	G	H
SCV-T03	41 (1.61)	82 (3.23)	63 (2.48)	96 (3.78)	194 (7.64)	59 (2.32)	110 (4.33)	43 (1.69)
SCV-T06	50 (1.97)	100 (3.94)	76 (2.99)	118 (4.65)	223.5 (8.80)	64.5 (2.54)	123.5 (4.86)	50.5 (1.99)
SCV-T10	68.5 (2.70)	137 (5.39)	84 (3.31)	156 (6.14)	269 (10.59)	84 (3.31)	149 (5.87)	66 (2.60)

MODEL	J	K	L	N	Q	WEIGHT	
						KGS	LBS
SCV-T03	70 (2.76)	0 (0)	28 (1.10)	28 (1.10)	3/8 (1/2)	4.2	4.2
SCV-T06	80.5 (3.17)	9 (0.35)	33 (1.30)	42 (1.65)	3/4 (1)	7.5	16.5
SCV-T10	98 (3.86)	12 (0.47)	40 (1.57)	52 (2.05)	11/4 (11/2)	13.8	30.4

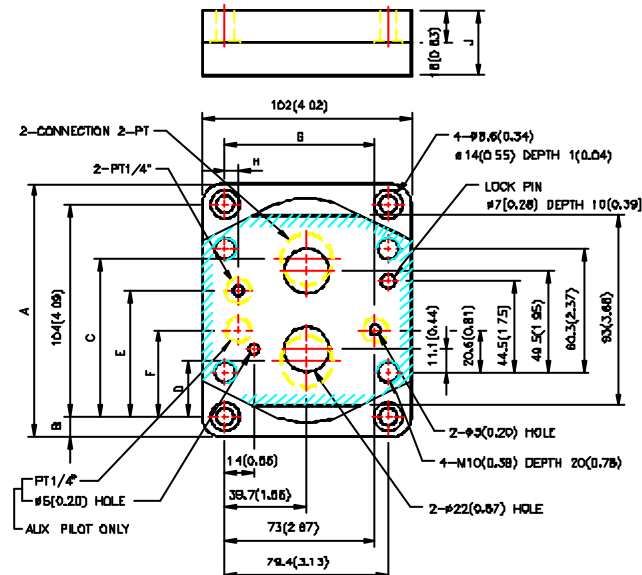
ISO 5781-AG-06-2-A



THIS SUBPLATE IS USED FOR SV/SCV-G03, PCV/PCDV-G03, PRV/PRCV-G03, V/TCV-G03, CV-G03

SUBPLATE	PORT PT	A	B	C	D	E	F	G
SVM-03-03	3/8	61	21	40.9	-	35	9.6	32
SVM-03-04	1/2	61	21	40.9	-	35	9.6	32

ISO 5781-AH-08-2-A



THIS SUBPLATE IS USED FOR SV/SCV-G06, PCV/PCDV-G06, PRV/PRCV-G06, TV/TCV-G06, CV-G06

SUBPLATE	PORT PT	A	B	C	D	E	F	G	H	J
SVM-06-06	3/4	124	10	77	27	61.7	-	73	6.4	36
SVM-06-08	1	136	16	82.3	22	61.7	-	73	6.4	45

UNIT mm(inch)



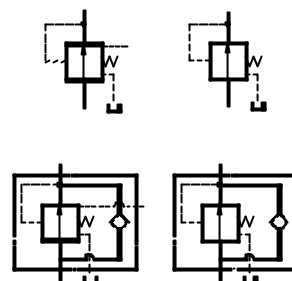
SUBPLATE	PORT PT	A	B	C	D	E	F	G
SVM-10-10	1 1/4	150	12	96	30	-	45	13.6
SVM-10-12	1 1/2	177	25.5	104	22	-	50	13.6

SVM-03-03-N

SUBPLATE FOR SV/SCV,PRV/PRCV,PCV/PCDV,TV/TCV,CV



SYMBOL



SPECIFICATIONS

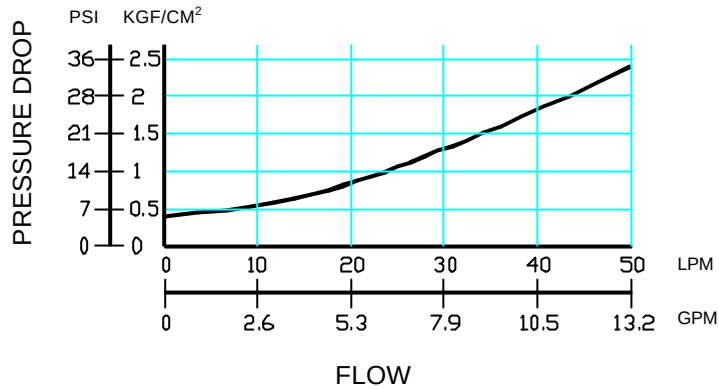
MODEL	MAX. PRESSURE KGF/CM ² (PSI)	PRESSURE ADJUSTING RANGE KGF/CM ² (PSI)	MAX. FLOW LPM(GPM)	MOUNTED BOLT METER(INCH)
PRV-# 03 PRCV-# 03	210(3000)	1:7-70(100-1000)	50(13.2)	M10x70(3/8"-2 3/4") 4PCS
PRV-# 06 PRCV-# 06		2:35-140(500-2000)	125(33)	M10x80(3/8"-3 1/4") 4PCS
PRV-# 10 PRCV-# 10		3:70-210(1000-1000)	250(66)	M10x90(3/8"-3 1/2") 6PCS

PRCV - G03 - 1- 10 - N

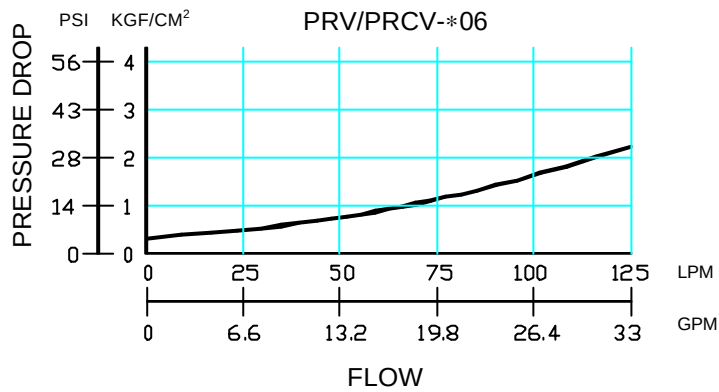
NO CODE: PT PIPE THREADS
 N: NPT PIPE THREADS(BOLT INCH THREADS)
 DESIGN NUMBER
 PRESSURE ADJUSTING RANGE
 1: 7-70 KGF/CM² (100-1000PSI)
 2: 35-140 KGF/CM² (500-2000PSI)
 3: 70-210 KGF/CM² (1000-3000PSI)
 PORT SIZE
 03: 3/8"
 06: 3/4"
 MOUNTING
 G: SUBPLATE MOUNTED
 T: THREADED CONNECTIONS
 PRV: PRESSURE REDUCING VALVE
 PRCV: PRESSURE REDUCING AND CHECK VALVES

PRESSURE DROP FOR REVERSED FREE FLOW

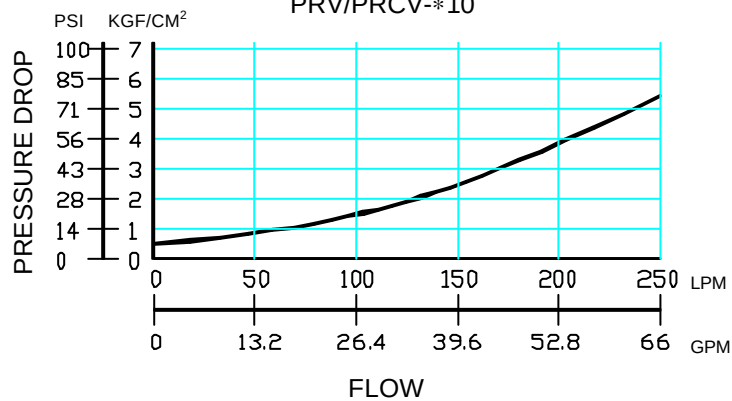
PRV/PRCV-*03



PRV/PRCV-*06



PRV/PRCV-*10

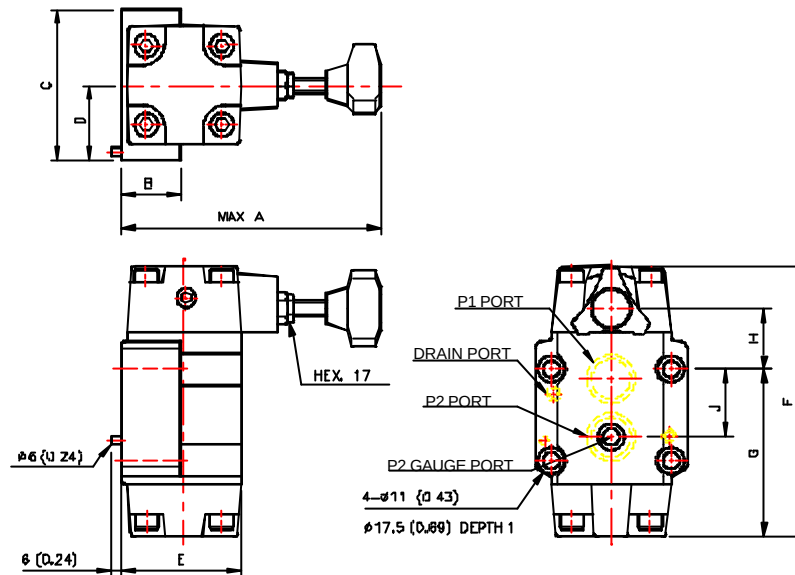


INSTALLATION DIMENSIONS

PRV-G03/06

UNIT

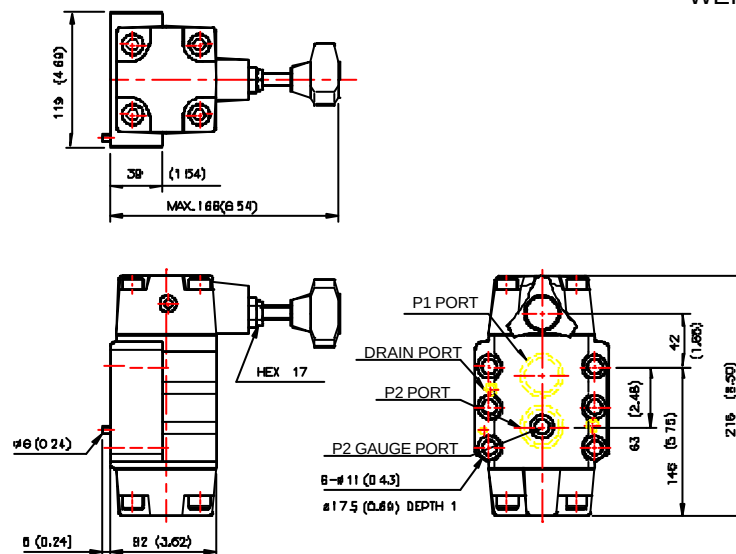
mm(inch)



MODEL	A	B	C	D	E	F	G	H	J	WEIGHT	
										KGS	LBS
PRV-03	164 (6.46)	42 (1.65)	89 (3.23)	44.5 (1.75)	67 (2.64)	155.5 (6.12)	92.4 (3.64)	40.6 (1.60)	35 (1.38)	4.5	10.1
PRV-G06	165.8 (6.53)	42 (1.65)	100 (3.94)	50 (1.97)	74 (2.91)	182 (7.17)	111 (4.37)	40 (1.57)	48 (1.89)	6.8	15.2

PRV-G10

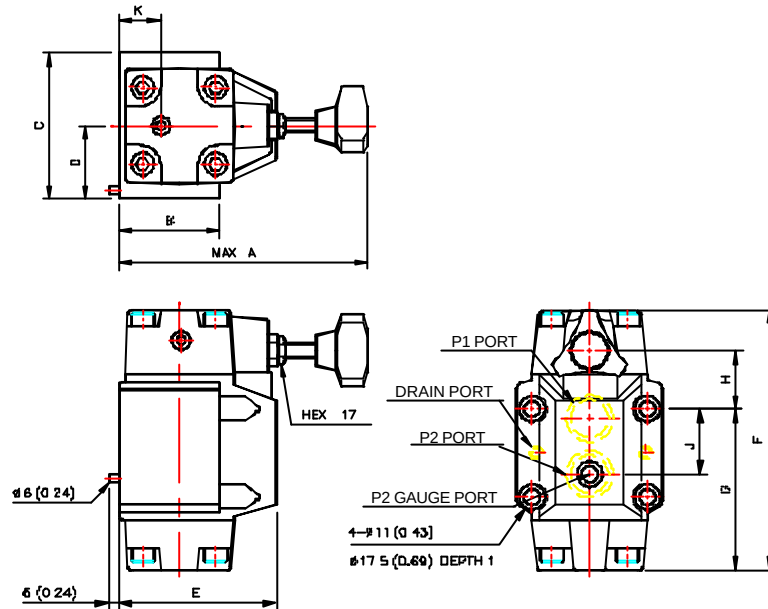
WEIGHT 11kgs(24.25lbs)



INSTALLATION DIMENSIONS

UNIT mm(inch)

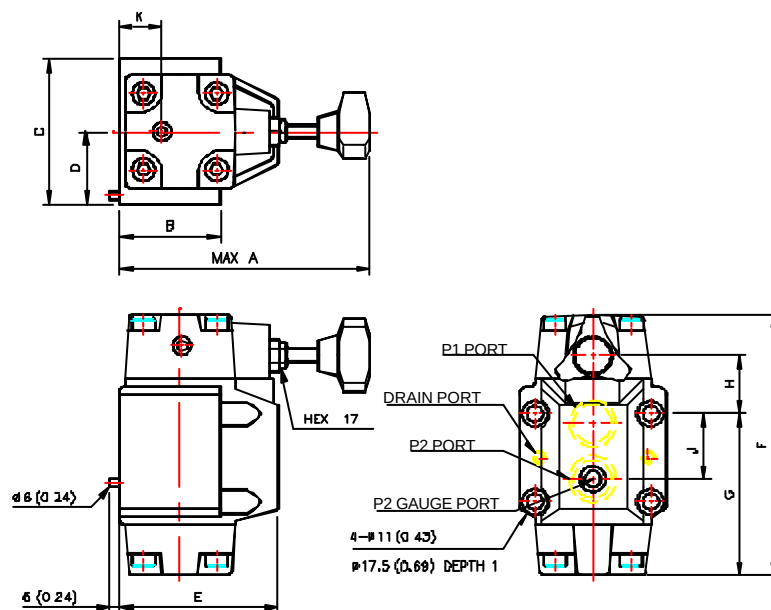
PRCV-G03/06



MODEL	A	B	C	D	E	F	G	H	J	K	WEIGHT	
											KGS	LBS
PRCV-G03	164 (6.46)	61 (2.40)	90 (3.54)	45 (1.77)	88 (3.46)	155 (6.10)	92.4 (3.64)	45 (1.77)	34.9 (1.37)	25 (0.98)	5.2	11.45
PRCV-G06	164 (6.46)	70.5 (2.78)	104 (4.09)	52 (2.05)	109 (4.29)	182 (7.17)	111 (4.37)	40 (1.57)	48 (1.89)	0	8.3	18.28

PRCV-G10

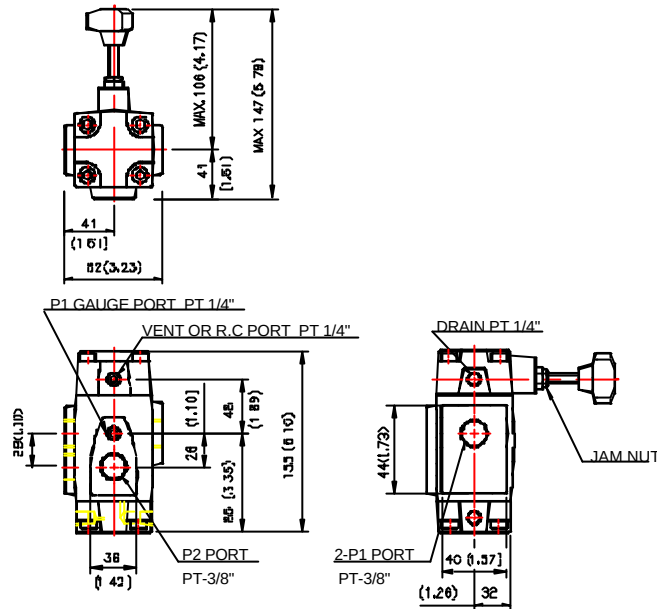
WEIGHT 18.5kgs(40.78lbs)



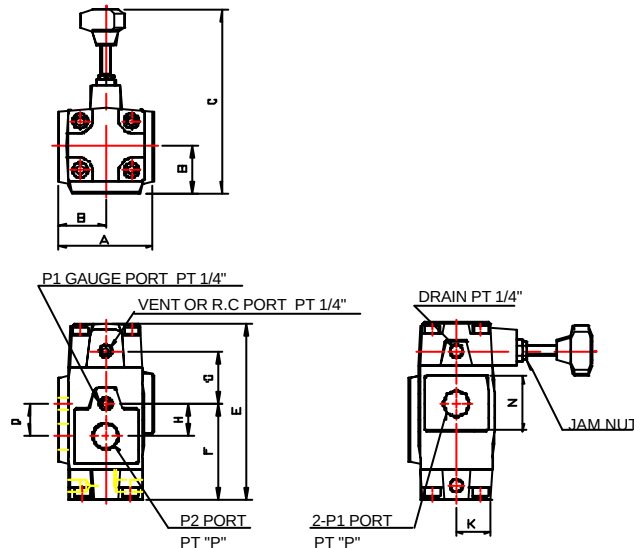
INSTALLATION DIMENSIONS

UNIT mm(inch)
WEIGHT 4.3kgs(9.48lbs)

PRV-T03



PRV-T06/10

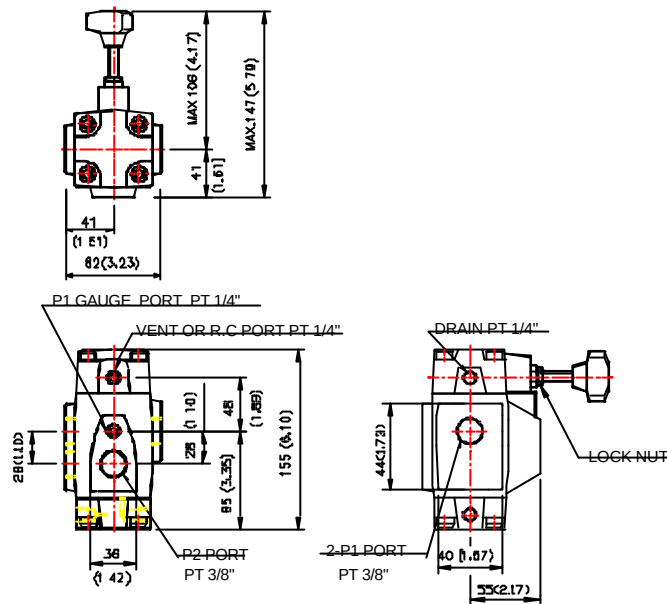


MODEL	A	B	C	D	E	F	G	H	K	N	P	WEIGHT	
												KGS	LBS
PRV-* T06	94.8 (3.73)	47.4 (1.87)	150 (5.90)	42 (1.65)	179 (7.06)	97 (3.83)	53.5 (2.11)	33 (1.30)	39 (1.54)	62 (2.44)	3/4	6.0	13.2
PRV-* T10	132 (5.20)	66 (2.60)	167 (6.57)	52 (2.05)	216 (8.50)	124 (4.88)	64 (2.52)	40 (1.57)	50 (1.97)	79 (3.11)	1 1/4	12.0	26.45

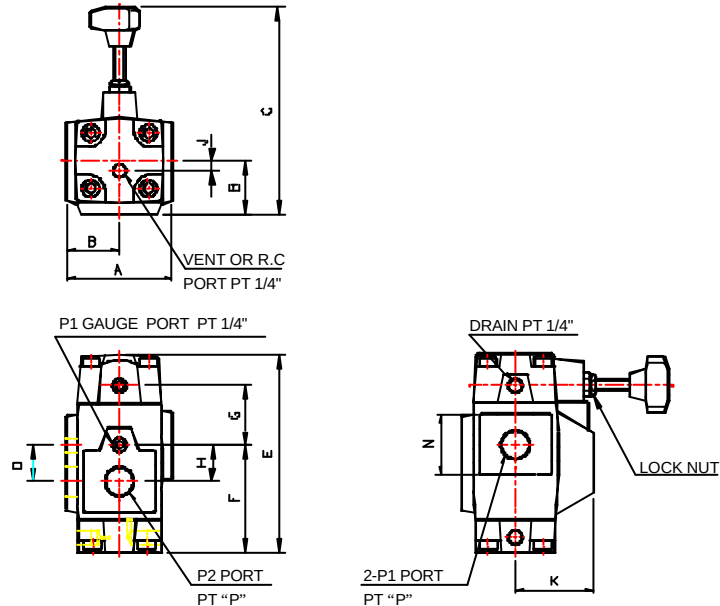
INSTALLATION DIMENSIONS

UNIT mm(inch)
WEIGHT 4.8kgs(10.5lbs)

PRCV-*T03



PRCV-*T06 / 10



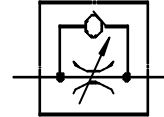
MODEL	A	B	C	D	E	F	G	H	J	K	N	P	WEIGHT	
													KGS	LBS
PRCV-*T06	94 (3.70)	48 (1.89)	150 (5.90)	42 (1.65)	179 (7.06)	97.5 (3.84)	44.5 (1.75)	42 (1.66)	9 (0.35)	66 (2.60)	62 (2.44)	3/4	7.8	17.1
PRCV-*T10	137 (5.40)	68.5 (2.70)	167 (6.57)	52 (2.05)	216 (8.50)	124 (4.88)	52 (2.04)	52 (2.04)	12 (0.47)	84 (3.31)	79 (3.11)	11/4	14.4	31.7



SYMBOLS



TV



TCV

SPECIFICATION

MODEL NUMBERS		MAX. OPERATED PRESSURE KGF/CM ² (PSI)	RATED FLOW LPM (GPM)	WEIGHT	
THREAD TYPE	SUBPLATE TYPE			KGS (LBS)	
TV-T03	TV-G03	210 (3000)	30 (8)	1.4(3.1)	1.5(3.1)
TCV-T03	TCV-G03			1.5(3.1)	2.1(4.6)
TV-T06	TV-G06		80 (20)	2.6(5.7)	2.7(6.0)
TCV-T06	TCV-G06			3.5(7.7)	4.0(8.8)
TV-T10	TV-G10		200 (50)	6.1(13.5)	5.2(11.5)
TCV-T10	TCV-G10			7.4(16.3)	8.1(17.8)

HOW TO ORDER

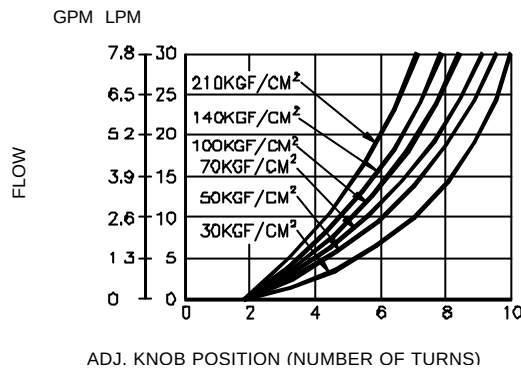
TCV - G03 - 10 - N

- NO CODE: PT PIPE THREADS
N: NPT PIPE THREADS(BOLT INCH THREADS)
- 10: NON-ISO MOUNTING
20: ISO MOUNTING
- PORT SIZE
03: 3/8"
06: 3/4"
10: 1 1/4"
- G: SUBPLATE MOUNTING
T: THREADED CONNECTIONS
- TV: THROTTLE VALVE
TCV: THROTTLE CHECK VALVE

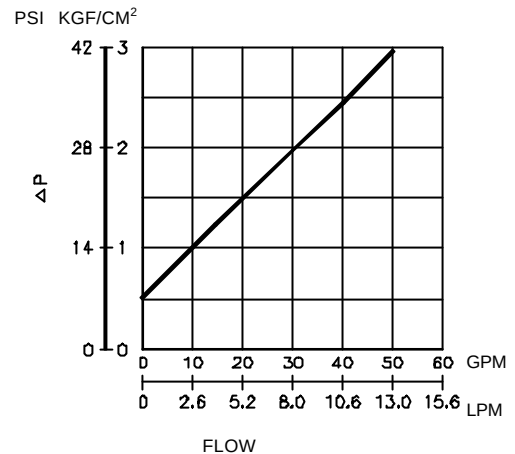
PERFORMANCE CURVES

METERED FLOW vs. ADJUSTMENT REVOLUTIONS PRESSURE DROP

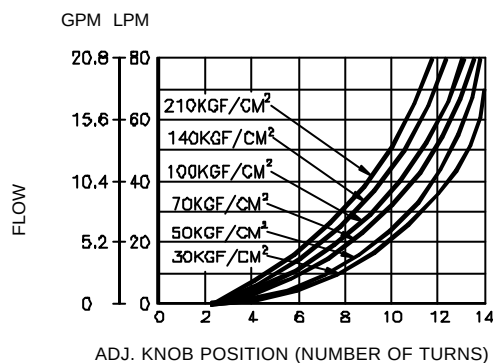
TV-*03 TCV-*03



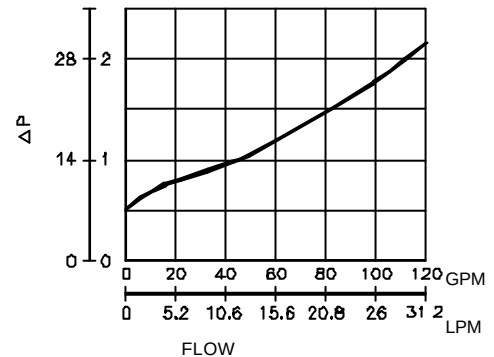
TV-*03 TCV-*03



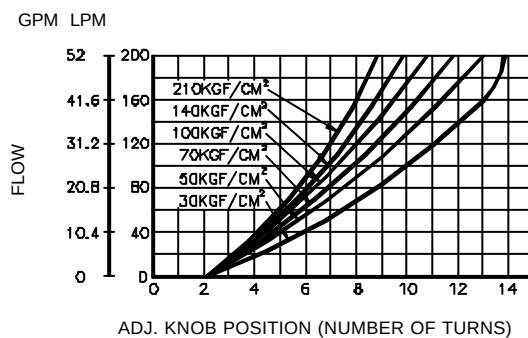
TV-*06 TCV-*06



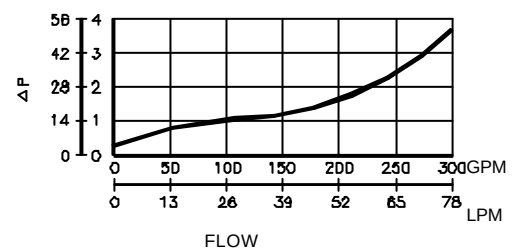
TV-*06 TCV-*06



TV-*10 TCV-*10



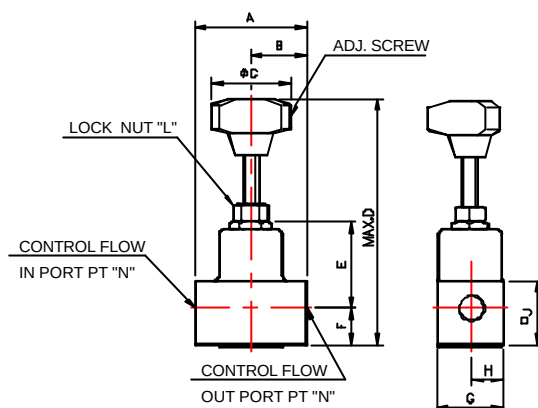
TV-*10 TCV-*10



INSTALLATION DIMENSIONS

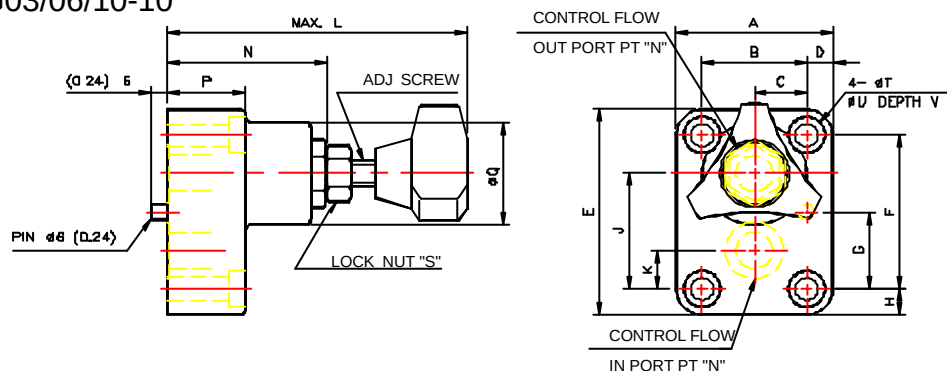
UNIT mm(inch)

TV-T03/06/10-10



MODEL	A	B	C	D	E	F	G	H	J	L	N
TV-T03	70 (2.76)	35 (1.38)	40 (1.57)	143 (5.63)	54 (2.13)	23 (0.91)	42 (1.65)	20 (0.79)	40 (1.57)	19 (0.75)	3/8
TV-T06	100 (3.94)	50 (1.97)	40 (1.57)	136.5 (5.37)	62 (2.44)	30 (1.18)	62 (2.44)	30 (1.18)	60 (2.36)	19 (0.75)	3/4
TV-T10	130 (5.12)	65 (2.56)	56 (2.20)	173 (6.81)	73 (2.87)	40 (1.57)	82 (3.23)	40 (1.57)	80 (3.15)	22 (0.87)	1 1/4

TV-G03/06/10-10



MODEL	A	B	C	D	E	F	G	H	J
TV-G03	60 (2.36)	40 (1.57)	20 (0.79)	10 (0.39)	80 (3.14)	60 (2.36)	30 (1.18)	10 (0.39)	45 (1.77)
TV-G06	80 (3.15)	58 (2.28)	29 (1.14)	11 (0.43)	92 (3.62)	70 (2.76)	35 (1.38)	11 (0.43)	54 (2.13)
TV-G10	100 (3.94)	72 (2.83)	36 (1.42)	14 (0.55)	120 (4.72)	92 (3.62)	46 (1.81)	14 (0.55)	71 (2.80)

MODEL	K	L	N	P	Q	S	T	U	V
TV-G03	15 (0.59)	100 (3.94)	65 (2.56)	30 (1.18)	44 (1.73)	19 (0.75)	9 (0.35)	14 (0.55)	8.6 (0.34)
TV-G06	16 (0.63)	117.5 (4.63)	73 (2.87)	42 (1.65)	41.5 (1.63)	23 (0.90)	11 (0.43)	17.5 (0.69)	10.8 (0.43)
TV-G10	21	145	100	55	56	23	13.5	21	1.0



FLOW CONTROLS
RESTRICTORS

	(0.83)	(5.71)	(3.94)	(2.17)	(2.20)	(0.90)	(0.53)	(0.83)	(0.04)
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