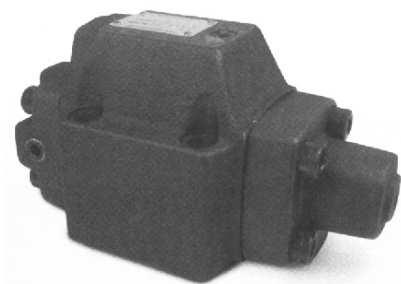


Oilgear

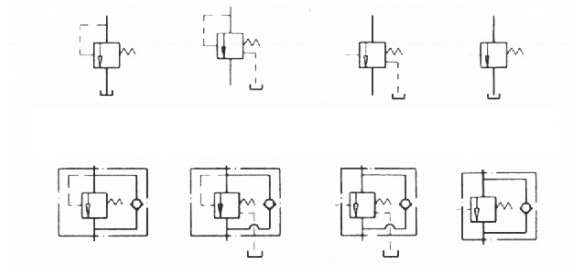
HYDRAULIC CONTROL VALVE

PRESSURE CONTROLS VALVE SV / SCV





SYMBOLS

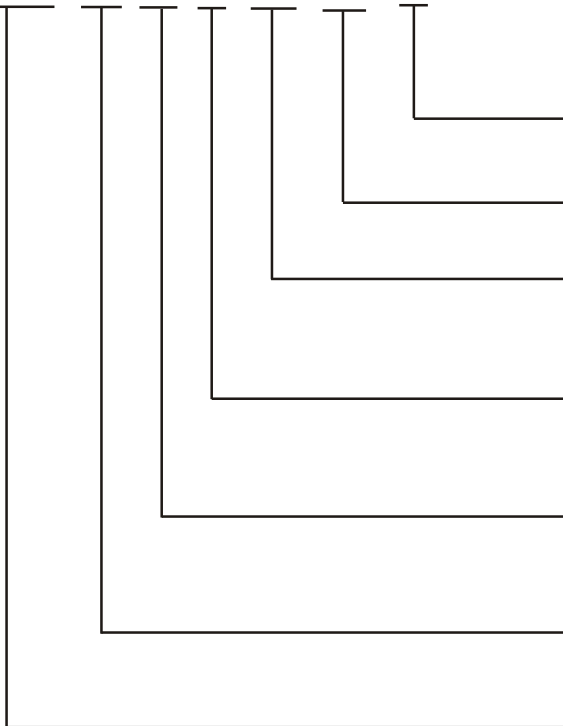


SPECIFICATIONS

MODEL	MAX. PRESSURE BAR (PSI)	PRESSURE ADJ. RANGE BAR (PSI)	MAX. FLOW LPM (GPM)
SV/SCV-*03	207 (3000)	0: 17-35 (250-500)	50 (13)
SV/SCV-*06		1: 35-69 (500-1000)	125 (33)
SV/SCV-*10		2: 35-138 (1000-2000)	250 (66)

HOW TO ORDER

SCV-G06-0-ET-20-N



NO CODE: PT PIPE THREADS
N: NPT PIPE THREADS (BOLT INCH THREADS)
S: SAE STRAIGHT THREADS

DESIGN NUMBER

E: EXTERNAL PILOT
T: EXTERNAL DRAIN
ET: EXTERNAL PILOT & DRAIN
OMTTED: INTERNAL PILOT & DRAIN

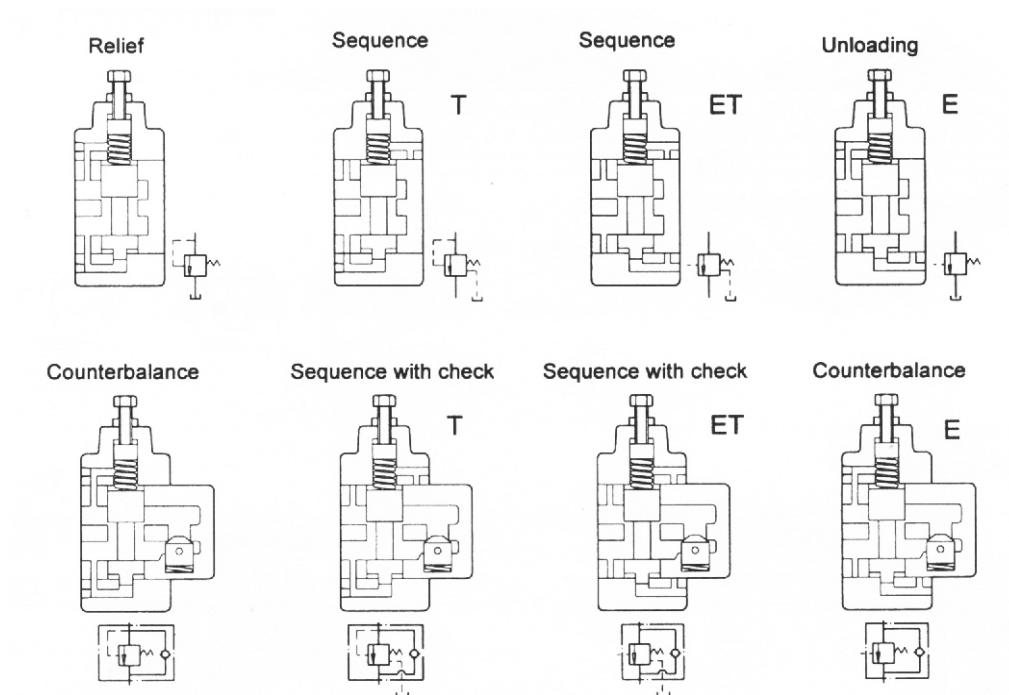
PRESSURE ADJUSTING RANGE
0: 17-35 BAR (250-500PSI)
1: 35-69 BAR (500-1000PSI)
2: 69-138BAR (1000-2000PSI)

PORT SIZE
03: 3/8"
06: 3/4"
10: 1-1/4"

MOUTING
G: SUBPLATE MOUNTED
T: THREADED CONNECTIONS

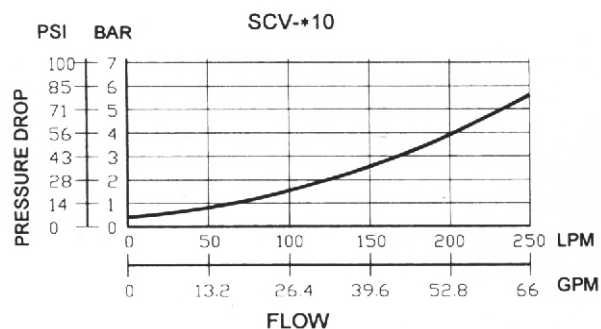
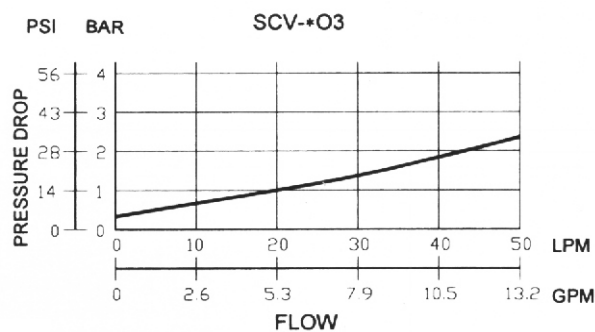
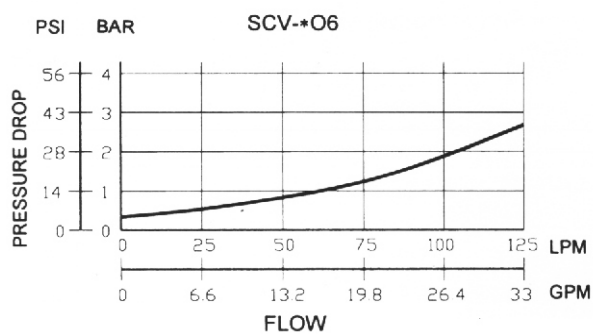
SV: HTYPE PRESSURE CONTROL VALVES
SCV: HCTYPE PRESSURE CONTROL VALVES

VALVE TYPE



PERFORMANCE CURVES

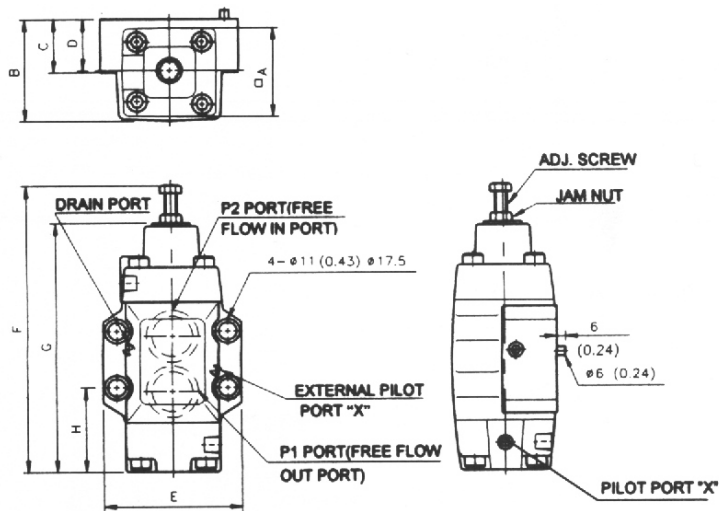
PRESSURE DROP FOR REVERSED FREE FLOW



INSTALLATION DIMENSIONS

UNIT : mm (inch)

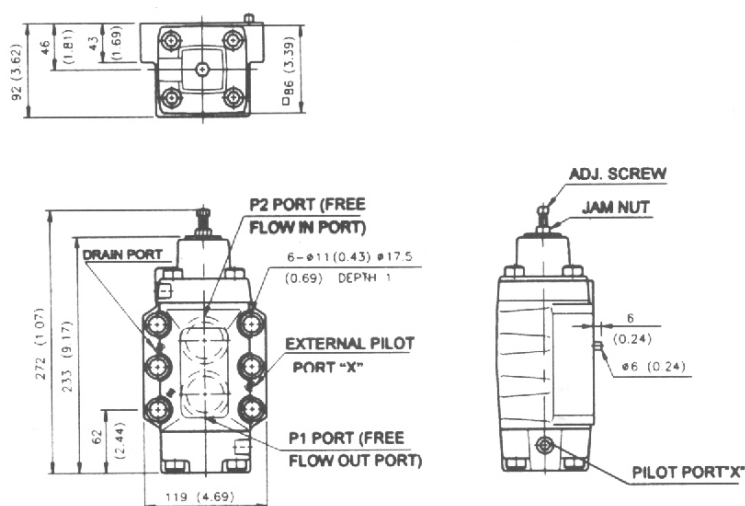
SV-G03/06



MODEL	A	B	C	D	E	F	G	H	BOLT METER (INCH)	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 (3/8"x2"x4PCS)	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 (3/8"x2"x4PCS)	6.1	13.4

SV-G10

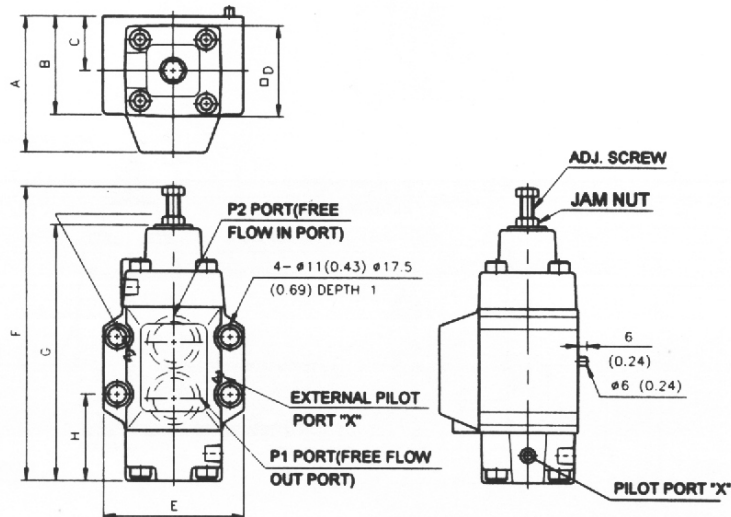
UNIT : mm (inch)
WEIGHT : 11kgs (24.25lbs)



INSTALLATION DIMENSIONS

UNIT : mm (inch)

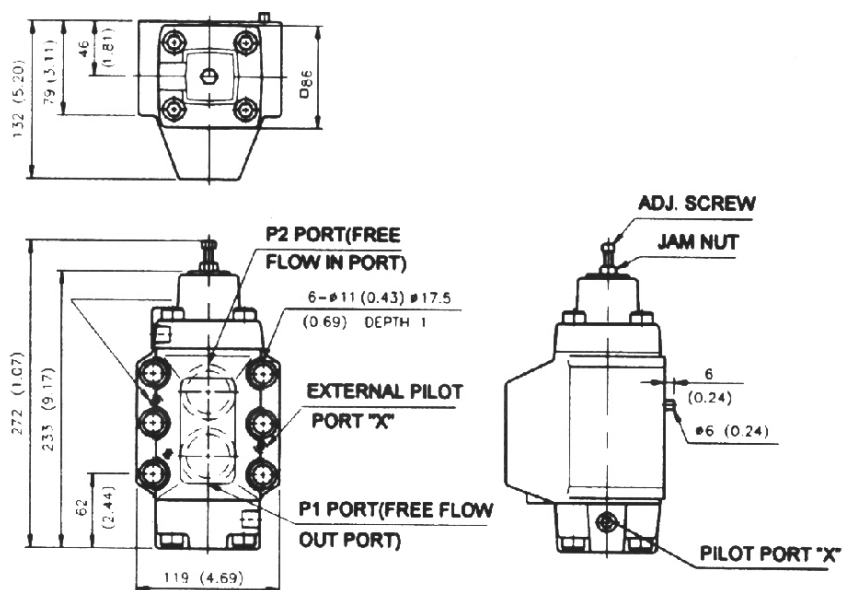
SCV-G03/06



MODEL	A	B	C	D	E	F	G	H	BOLT METER (INCH)	WEIGHT	
										KGS	LBS
SV-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 (3/8"x2-3/4"x4PCS)	4.8	10.6
SV-G06	108 (4.25)	69 (2.72)	40 (2.87)	73 (2.87)	102 (4.02)	221 (8.70)	188 (7.40)	51 (2.01)	M10x80x4PCS (3/8"x2-1/4"x4PCS)	7.8	17.2

SCV-G10

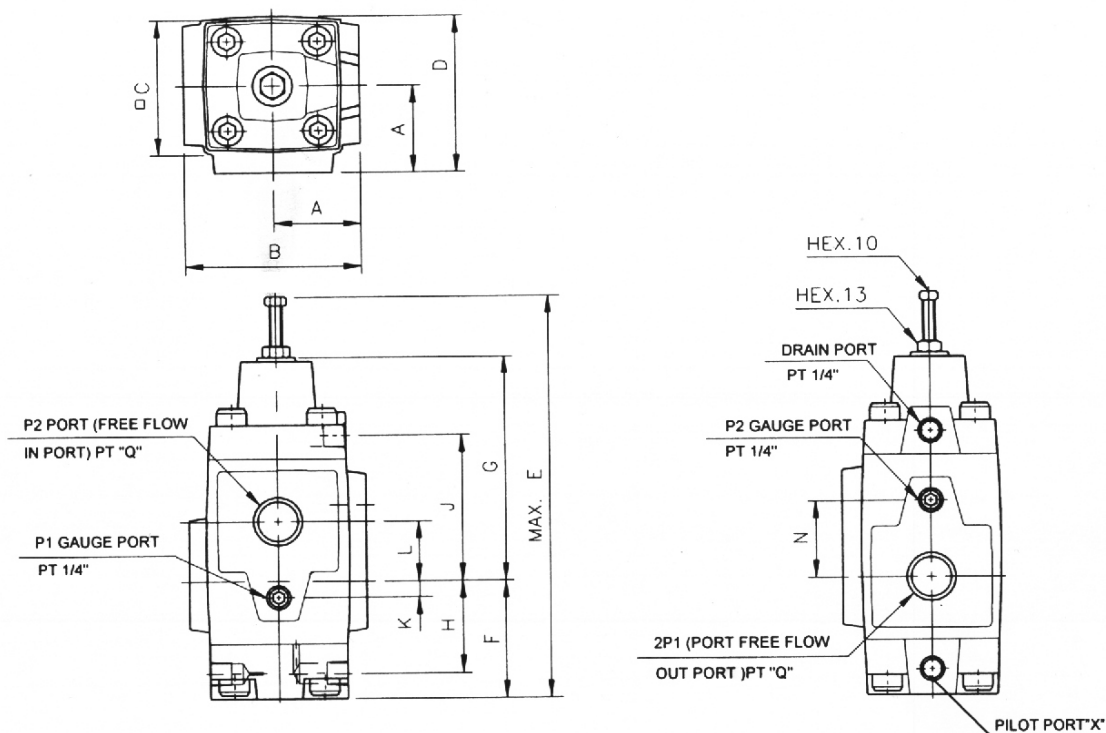
UNIT : mm (inch)
WEIGHT : 11kgs (24.25lbs)



INSTALLATION DIMENSIONS

UNIT: mm (inch)

SV-T03/06/10



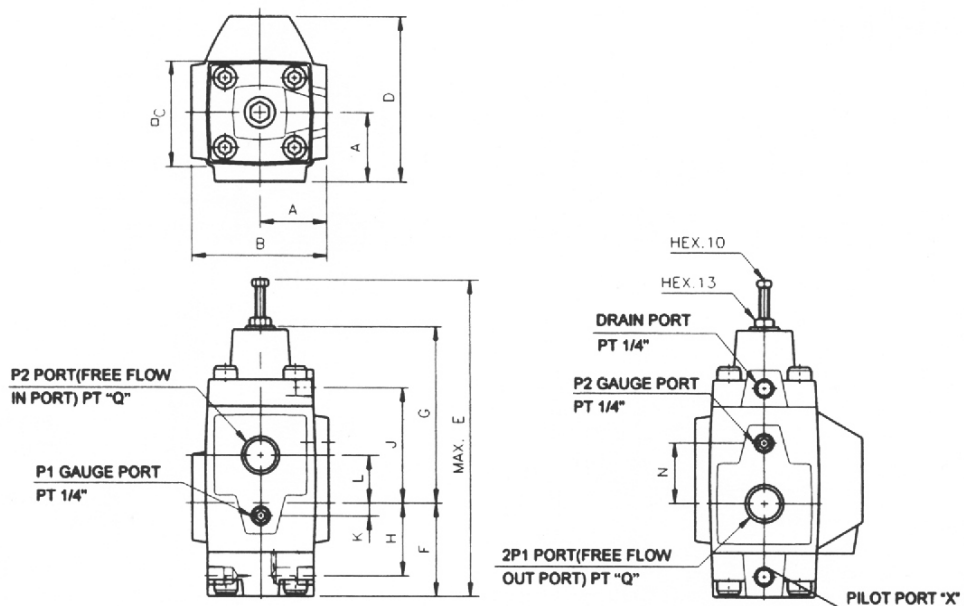
MODEL	A	B	C	D	E	F	G	H
SV-T03	42 (1.65)	84 (3.31)	61 (2.40)	74 (2.91)	195 (7.68)	57 (2.24)	106 (4.17)	43 (1.69)
SV-T06	48 (1.89)	96 (3.78)	73 (2.87)	73 (2.87)	219 (8.62)	64.5 (2.54)	132.5 (4.86)	50.5 (1.99)
SV-T10	68.5 (2.70)	137 (5.39)	84 (3.31)	84 (3.31)	272 (10.71)	84 (3.31)	149 (5.87)	66 (2.60)

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)	11/4 (11/2)	12.0	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 (0.4)	40 (1.57)	52 (2.05)	11/4 (11/2)	13.8	30.4

HOW TO ORDER

SVM-03-03-N

THREAD
NO CODE: PT PIPE THREADS
N: NPT PIPE THREADS

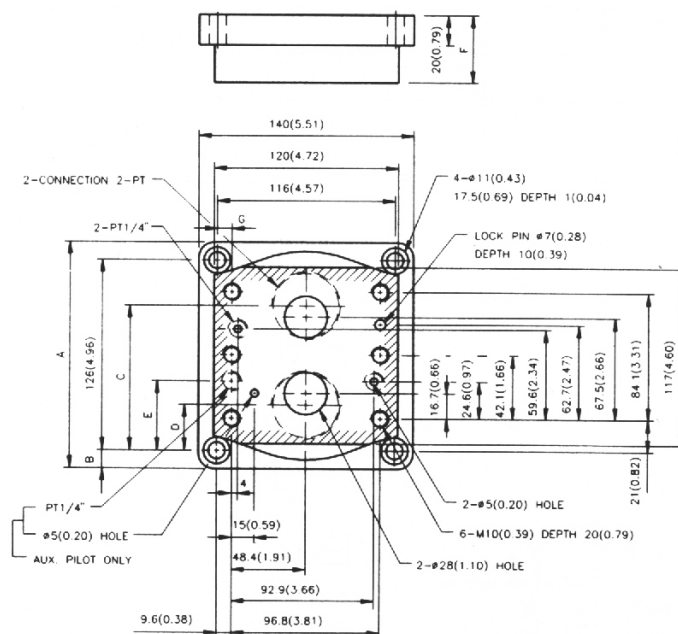
SUBPLATE PORT SIZE
03: 3/8"
04: 1/2"
06: 3/4"
08: 1"
10: 1-1/4"
12: 1-1/2"

VALE PORTSIZE
03: 3/8"
06: 3/4"
10: 1-1/4"

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

ISO 5781-AJ-10-2-A
SVM-10-**

UNIT : mm (inch)

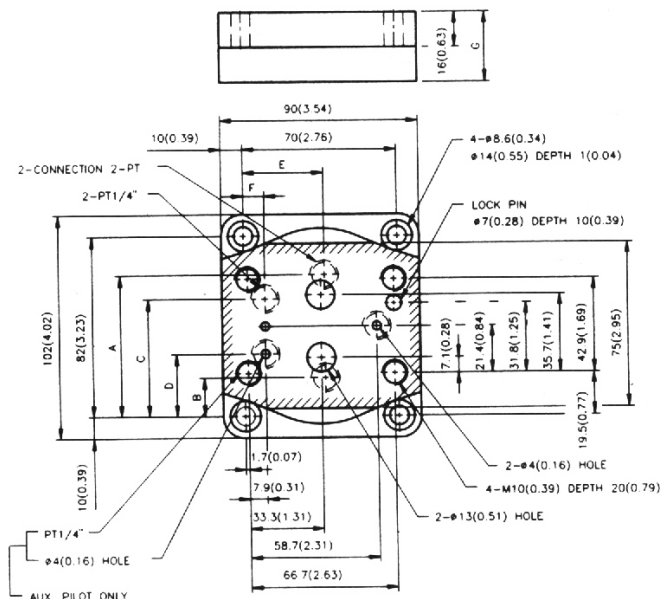


THIS SUBPLATE IS USED FOR SV/SCV-G10, PCV/PCDV-G10, PRV/PRCV-G10, TV/TCV-G10, CV-G10

SUBPLATE	PORT PT	A	B	C	D	E	F	G
SVM-10-10	1-1/4"	150 (5.91)	12 (0.47)	96 (3.78)	30 (1.18)	-	45 (1.77)	13.6 (0.54)
SVM-10-12	1-1/2"	177 (6.97)	25.5 (1.00)	104 (4.09)	22 (0.87)	-	50 (1.97)	13.6 (0.54)

ISO 5781-AG-06-2-A
SVM-03-**

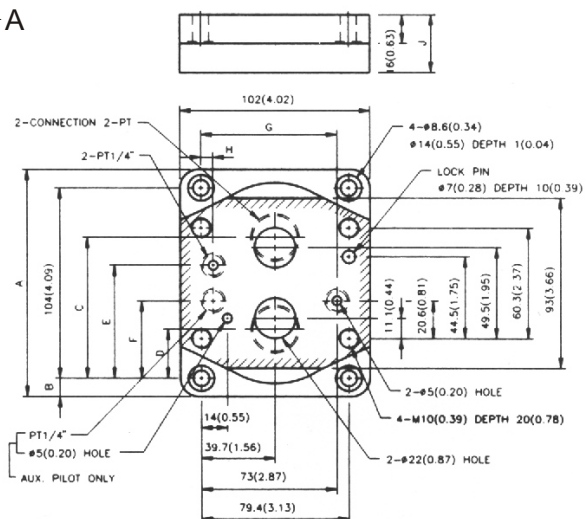
UNIT : mm (inch)



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

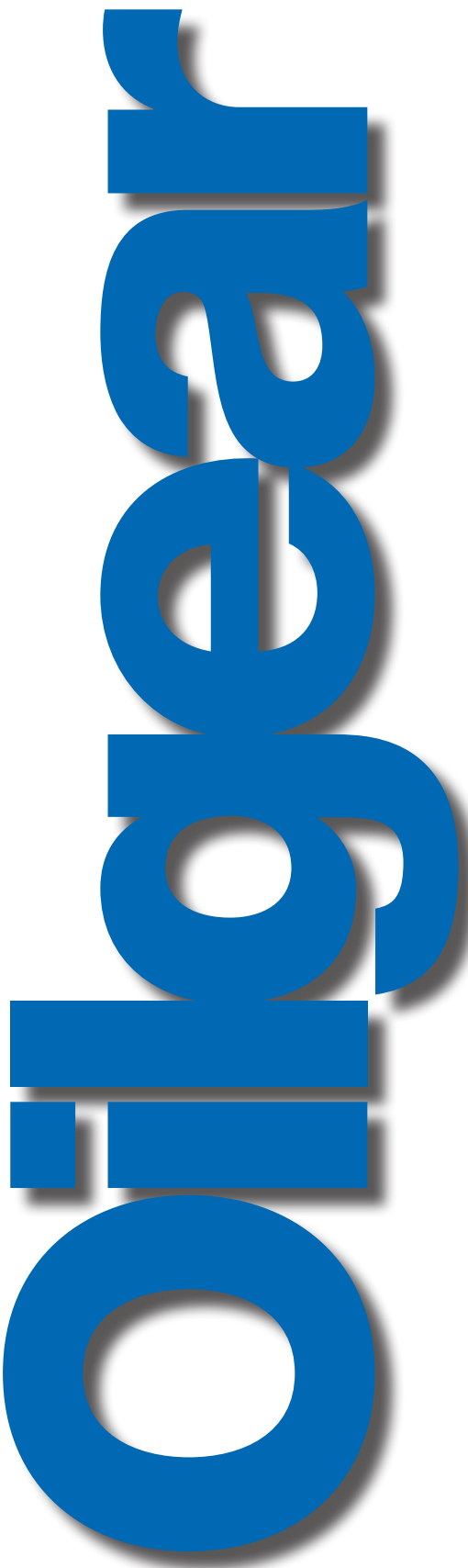
SUBPLATE	PORT PT	A	B	C	D	E	F	G
SVM-03-03	3/8"	61 (2.40)	21 (0.83)	40.9 (1.61)	-	35 (1.38)	9.6 (0.38)	32 (1.26)
SVM-03-03	1/2"	61 (2.40)	21 (0.83)	40.9 (1.61)	-	35 (1.38)	9.6 (0.38)	32 (1.26)

ISO5781-AH-08-2-A
SVM-06-**



THIS SUBPLAE 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 (4.88)	10 (0.39)	77 (3.03)	27 (1.06)	61.7 (2.43)	-	73 (2.87)	6.4 (0.25)	36 (1.42)
SVM-06-06	1"	136 (5.35)	16 (0.63)	82.3 (3.24)	22 (0.87)	61.7 (2.43)	-	73 (2.87)	6.4 (0.25)	45 (1.77)



Sede Mundial

The Oilgear Company

2300 South 51st Street Milwaukee, WI USA 53219
Tel: 414/327-1700 Fax: 414/327-0532

www.oilgear.com

Oilgear do Brasil Hidráulica Ltda.

Av. Ricardo Bassoli Cezare, 1009 Jd. das Bandeiras
13050-080 Campinas-SP Brasil
Tel/Fax: +55 19 3307-7866

www.oilgear.com.br

Para obter informações adicionais sobre seu aplicativo ou sobre os produtos referenciados neste manual, entre em contato com a Oilgear mais próxima. Acesse o website da Oilgear para obter uma relação completa de nossos endereços.