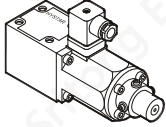
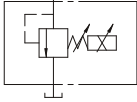
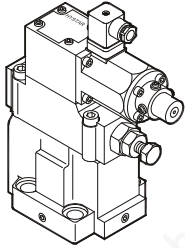
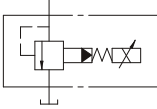
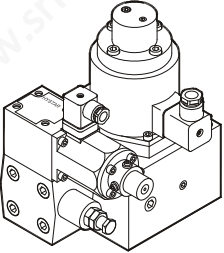
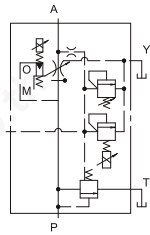
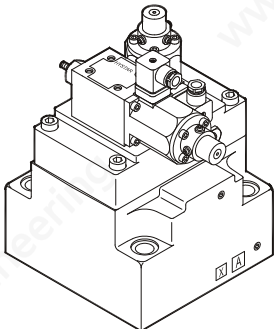
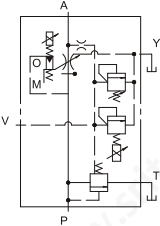





PROPORTIONAL ELECTRO-HYDRAULIC PILOT RELIEF VALVES		Graphic Symbol	Q max. lpm (USgpm)	P max. bar(PSI)	Valve Size	Ref. Page
	EDG-01		2(.53)	250(3600)	1/4"	344
PROPORTIONAL ELECTRO-HYDRAULIC RELIEF VALVES		Graphic Symbol	Q max. lpm (USgpm)	P max. bar(PSI)	Valve Size	Ref. Page
	EBG-03		100(26.42)	200(2900)	3/8"	347
	EBG-06		200(52.84)		3/4"	
	EBG-10		400(105.68)		1-1/4"	
PROPORTIONAL ELECTRO-HYDRAULIC RELIEF AND FLOW CONTROL VALVES		Graphic Symbol	Q max. lpm (USgpm)	P max. bar(PSI)	Valve Size	Ref. Page
 40(Ohm)-10(Ohm) SERIES	EFBG-03		125(33.02)	200(2900)	3/8"	351
	EFBG-06		250(66.05)		3/4"	
	EFBG-10		500(132.10)		1-1/4"	
 10(Ohm)-10(Ohm) SERIES	EFBG-03	 Internal Pilot	125(33.02)	250(3600)	3/8"	355
	EFBG-06		250(66.05)		3/4"	
	EFBG-10		500(132.10)		1-1/4"	
ELECTRONIC AMPLIFIER P-C BOARD		Description				Ref. Page
MODEL NO.						
HNC-1085		For Pressure Control Valves				363
HNC-4075		For Flow Control Valves				
						



**DIMENSIONS**

MILLIMETERS(INCHES)

**EDG-01 Operating Data**

**Position For Installation:**

To install the pilot valve correctly mount with "bleed" up-wards in order to eliminate air and reduce the risk of air entrapment when used in conjunction with another main proportional valve. For a steady control pressure ensure that the pilot pressure pipe hoses does not exceed 30 cm.

**Elimination Of Air(Air Vent)**

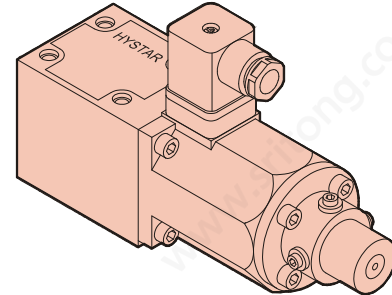
Set the pilot control pressure to 29.4bar(420PSI) and open the bleed screw to eliminate the air. Lock the bleed screw when all air bubbles have been eliminated.

**Manual Over-Ride**

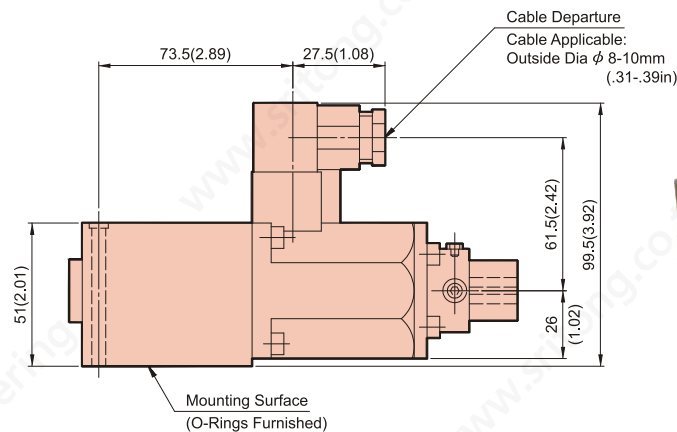
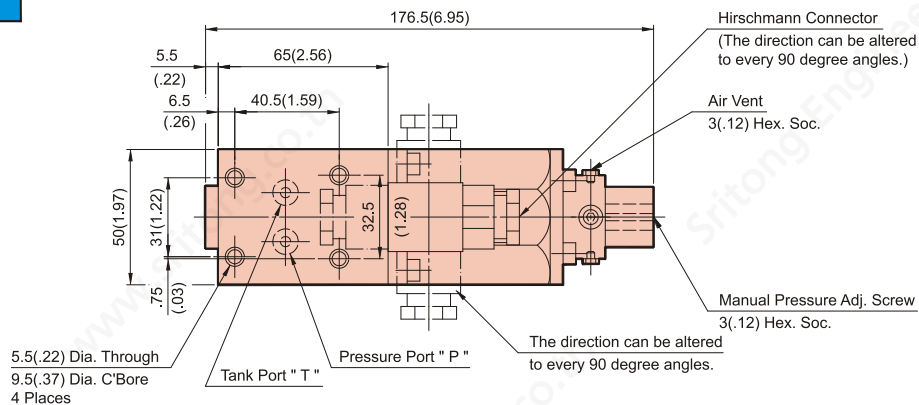
It is possible to set the control pressure manually for commissioning and trouble shooting purposes.

**Drain**

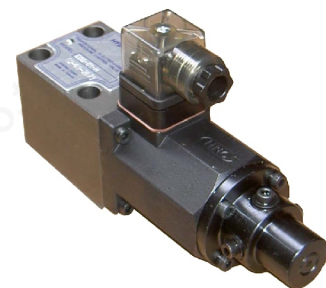
Ensure that the return oil is piped back to tank directly and below the oil level.



**EDG-01**



**EDG-01**

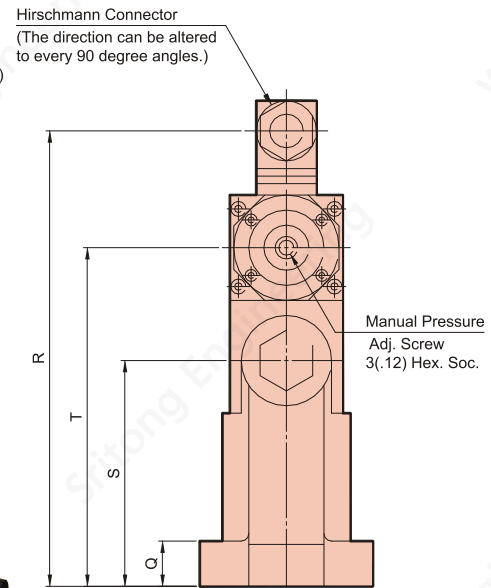
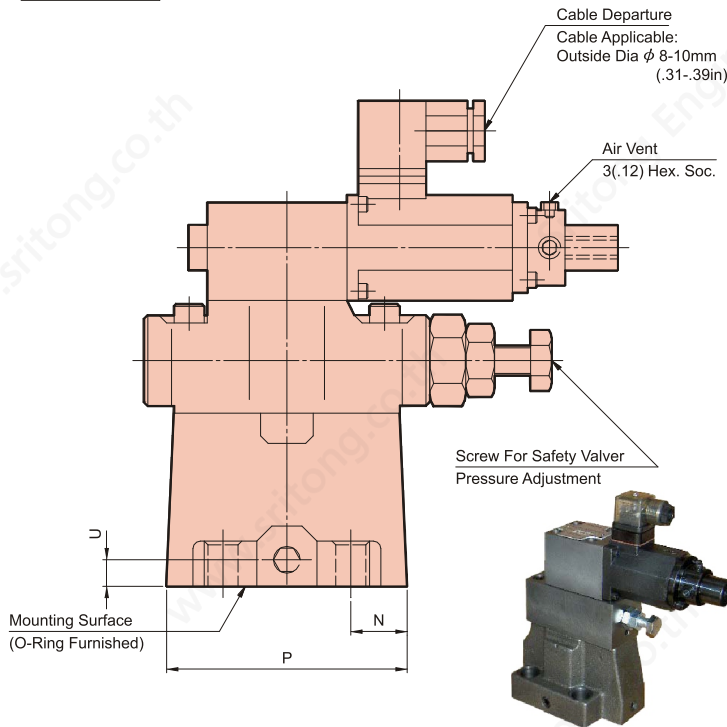
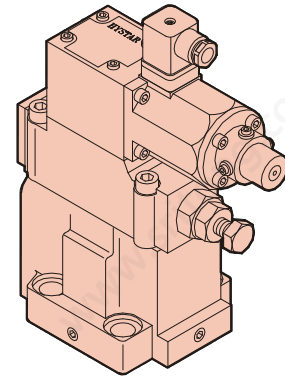
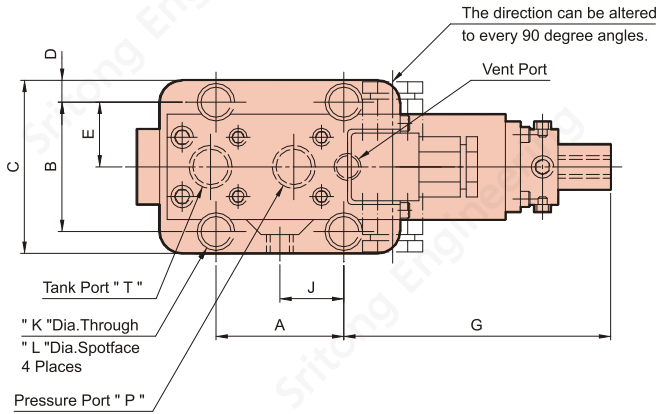


Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M5X50LgX4pcs	5-7 Nm	20
Attachment Soc.Hd.Cap Screw:	No.10-24UNCX1-3/4"LgX4pcs	43-60 in.lbs	2090

## DIMENSIONS

MILLIMETERS(INCHES)

EBG- \* \* - \* \*



Model No.	A	B	C	D	E	G	H	J	K	L	N	P	Q	R	S	T	U
EBG-03-20	53.8	53.8	79	11.1	27	115	206	27	13.5	21	26	106	21.5	219	105	152	13
EBG-03-2090	(2.12)	(2.12)	(3.11)	(.44)	(1.06)	(4.53)	(8.11)	(1.06)	(.53)	(.83)	(1.02)	(4.17)	(.85)	(8.62)	(4.13)	(5.98)	(.51)
EBG-06-20	66.7	70	98	14	35	117	210	33	17.5	26	36	124	26	220	105	153	13
EBG-06-2090	(2.63)	(2.76)	(3.86)	(.55)	(1.38)	(4.61)	(8.27)	(1.3)	(.69)	(1.02)	(1.42)	(4.88)	(1.02)	(8.66)	(4.13)	(6.02)	(.51)
EBG-10-20	89	82.6	120	18.7	41.3	122	225	45	21.5	32	45	155	34	246	132	178	18
EBG-10-2090	(3.5)	(3.25)	(4.72)	(.74)	(1.63)	(4.8)	(8.86)	(1.77)	(.85)	(1.26)	(1.77)	(6.1)	(1.34)	(9.69)	(5.2)	(7.01)	(.71)

Model No.	Name	Description	Tightening Torque	Code
EBG-03-20	Attachment Soc.Hd.Cap Screw:	M12X40LgX4pcs	100-123 Nm	20
EBG-03-2090	Attachment Soc.Hd.Cap Screw:	1/2-13UNCX1-1/2"LgX4pcs	868-1068 in.lbs	2090
EBG-06-20	Attachment Soc.Hd.Cap Screw:	M16X50LgX4pcs	286-354 Nm	20
EBG-06-2090	Attachment Soc.Hd.Cap Screw:	5/8-11UNCX2"LgX4pcs	2482-3073 in.lbs	2090
EBG-10-20	Attachment Soc.Hd.Cap Screw:	M20X60LgX4pcs	473-585 Nm	20
EBG-10-2090	Attachment Soc.Hd.Cap Screw:	3/4-10UNCX2-1/4"LgX4pcs	4106-5078 in.lbs	2090