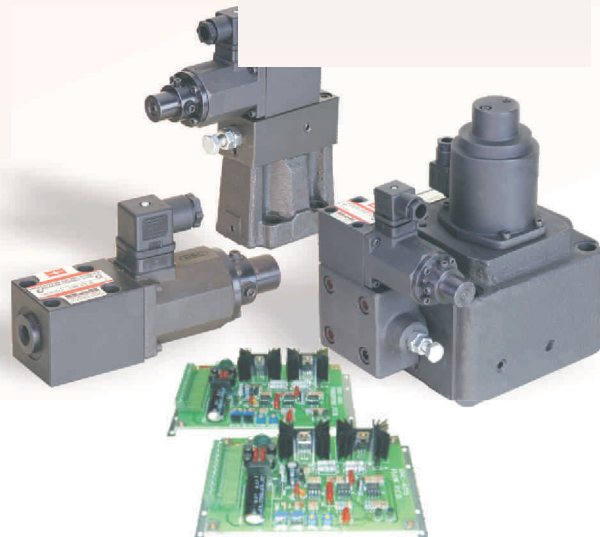
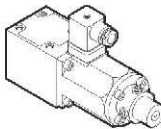
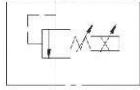
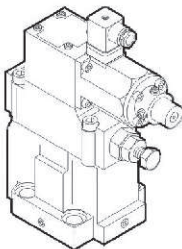
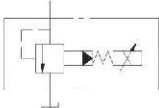
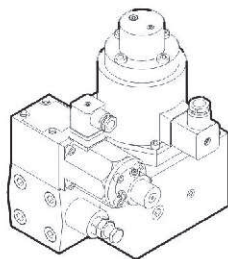
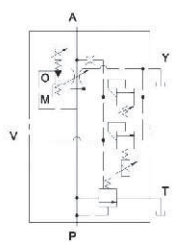
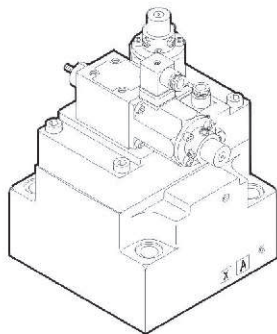
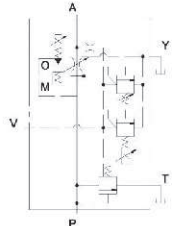


Proportional Valves

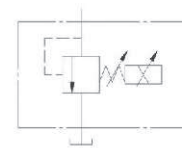
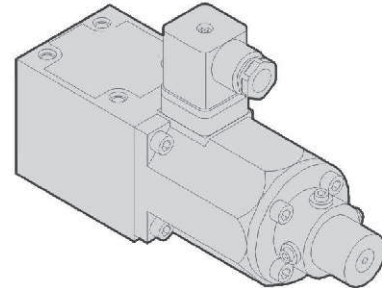


PROPORTIONAL ELECTRO-HYDRAULIC PILOT RELIEF VALVES		Graphic Symbol	Q max. lpm (USgpm)	P max. bar(PSI)	Valve Size	Page
	EDG-01		2(.53)	250(3600)	1/4"	199-201
PROPORTIONAL ELECTRO-HYDRAULIC RELIEF VALVES		Graphic Symbol	Q max. lpm (USgpm)	P max. bar(PSI)	Valve Size	
	EBG-03		100(26.42)	200(2900)	3/8"	202-205
	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	
 40(Ohm)-10(Ohm) SERIES	EFBG-03		125(33.02)	200(2900)	3/8"	206-219
	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"	
	EFBG-06		250(66.05)		3/4"	
	EFBG-10	 External Pilot	500(132.10)	1-1/4"		
ELECTRONIC AMPLIFIER P-C BOARD MODEL NO.		Description				
HNC-1085		For Pressure Control Valves				
HNC-4075		For Flow Control Valves				

Proportional Electro-Hydraulic Pilot Relief Valves

General Information

1. Simplified piping system as a result of using only one remote electrically operated pilot relief valve for multiple functions requiring different pressure settings.
2. Step-less pressure control proportional to input current.
24V DC control & 0-10 volts reference single.
3. Good response with executor to reduce resonance.
4. Standard HNC electronic controller type HNC-1085 for best results.
5. Standard electrical connector to DIN 43650(ISO4400).



Graphic Symbols

ORDERING CODE:

EDG	-	01	-	C	-	20	-	*

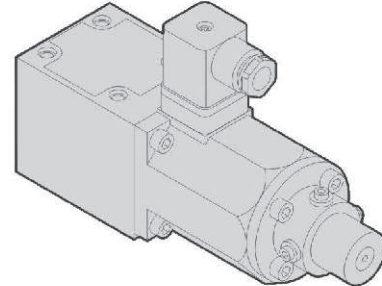
DIMENSIONS

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.

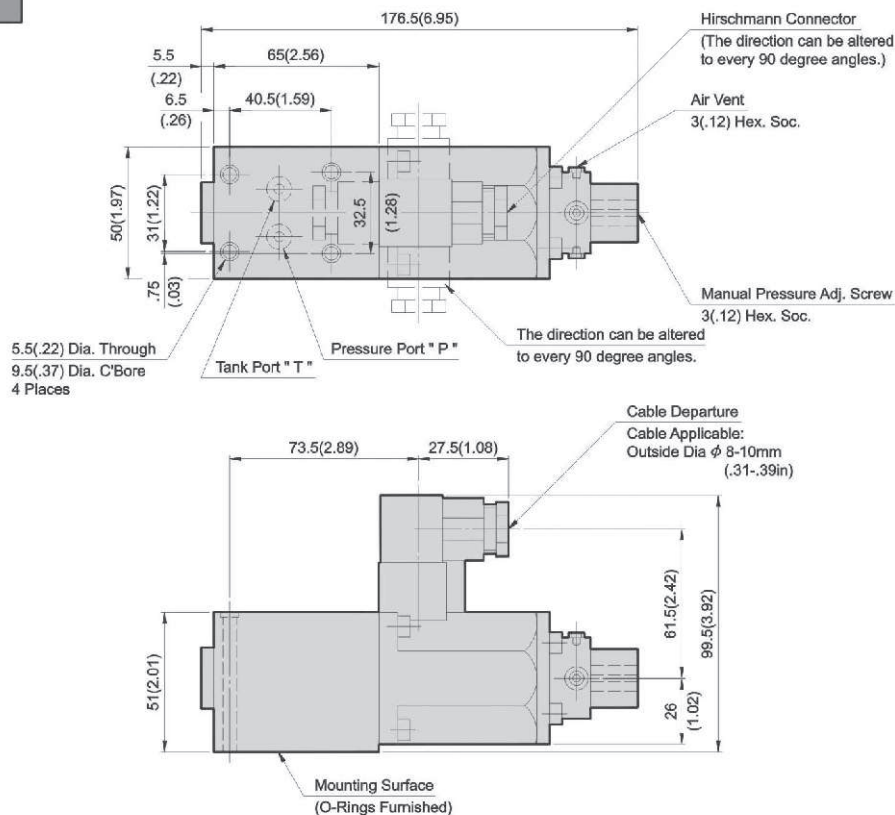
Manual Over-Ride

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

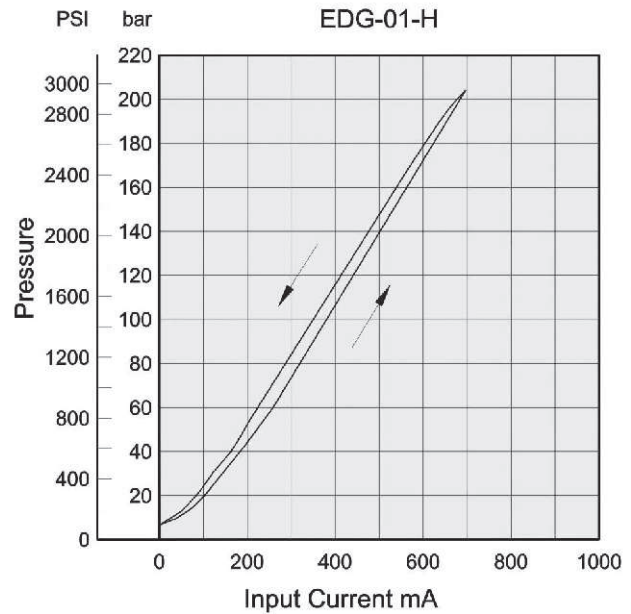
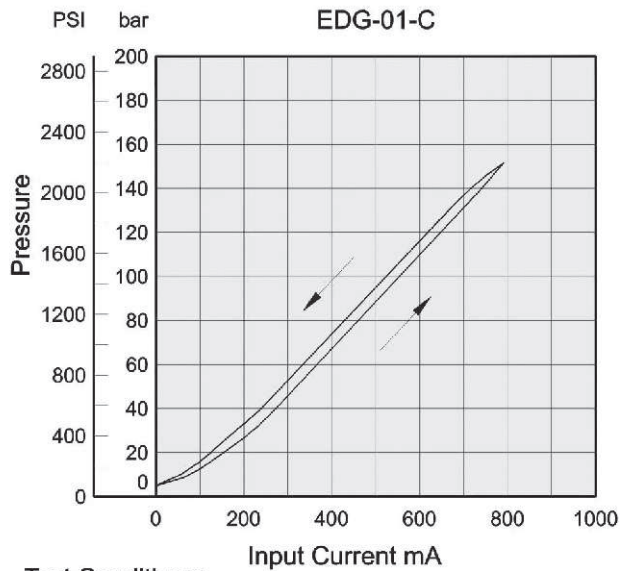


Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M5X50LgX4pcs	5-7 Nm	20
Attachment Soc.Hd.Cap Screw:	No.10-24UNCX1-3/4"LgX4pcs	43-60 in.lbs	2090

DIMENSIONS

MILLIMETERS(INCHES)

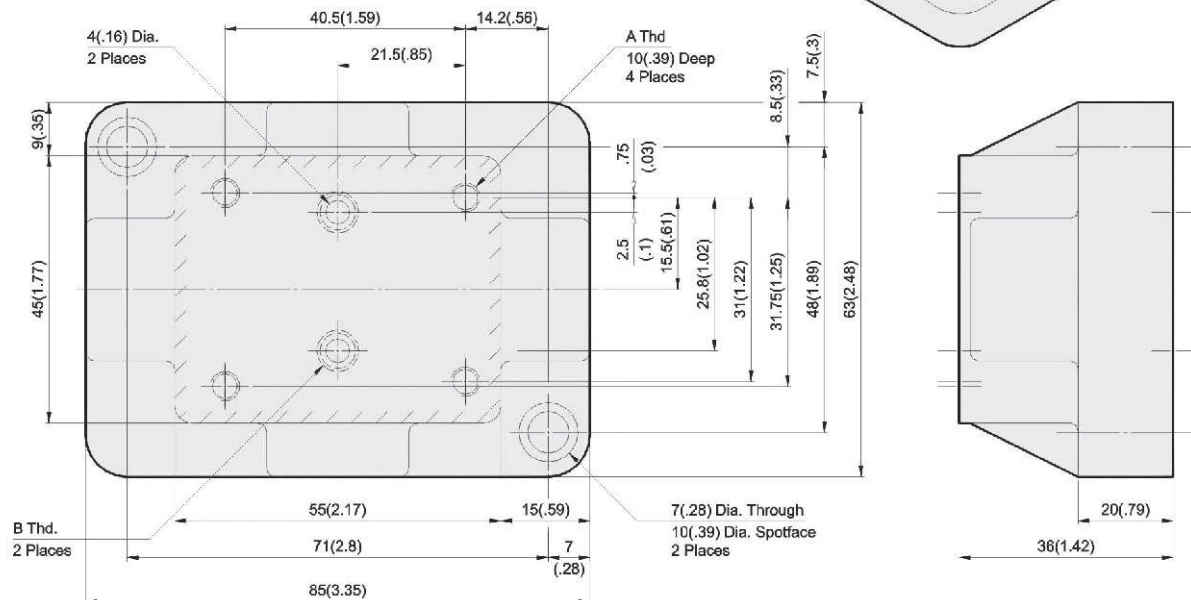
Input Current vs. Pressure



Test Conditions:

- 1.Pump: 2 lpm
- 2.Oil Temperature: 45°C /113°F
- 3.Hydraulic Oil Viscosity: 45cSt

SUB-PLATE EDGM-01- * - * - *

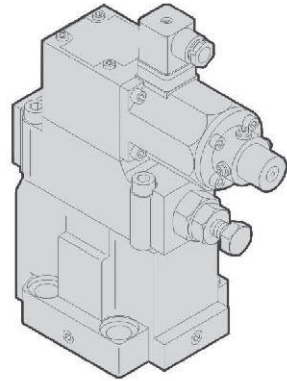


Model	A	B
EDGM-01-02-20	M5XP0.8X10L	PT1/4
EDGM-01-02-2090	No.10-24UNC	NPT1/4
EDGM-01-03-20	M5XP0.8X10L	PT3/8
EDGM-01-03-2090	No.10-24UNC	NPT3/8

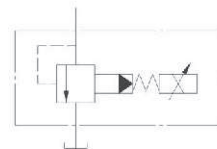
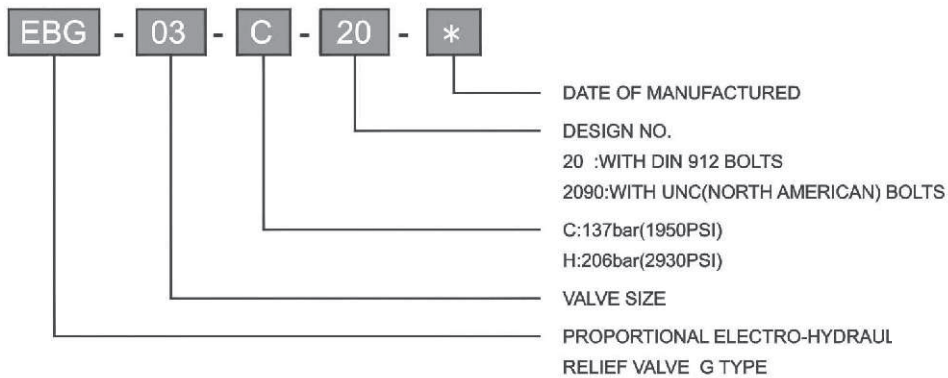
Proportional Electro-Hydraulic Relief Valves

General Information

- 1.The EBG range of proportional relief valves offer a steady consistent remote control with low level.
- 2.Suitable for use with traditional electric controllers and micro-computers.
- 3.Precision micro pressure adjustment.
- 4.Standard HNC electronic controller type HNC-1085 for best results.
- 5.Standard electrical connector to DIN 43650(ISO4400).



ORDERING CODE:



Graphic Symbols

RATINGS

Model Number		EBG-03	EBG-06	EBG-10
Description				
Max. Operating Pres.	bar(PSI)	206(2987)		
Max. Flow	lpm(USgpm)	100(26.4)	200(52.8)	400(106)
Min. Flow	lpm(USgpm)	3(.79)		
Pres. Adj. Range	bar(PSI)	8(116)-137(1986) 10(145)-206(2987)		
Rated Current	mA	EBG-**-C-* :750 EBG-**-H-* :700		
Coil Resistance (At 20°C/35.2°F)	Ω	10		
Hysteresis		< 3%		
Repeatability		< 0.5%		
Weight	kg(lbs.)	7.1(15.64)	8.3(18.28)	10.7(23.57)

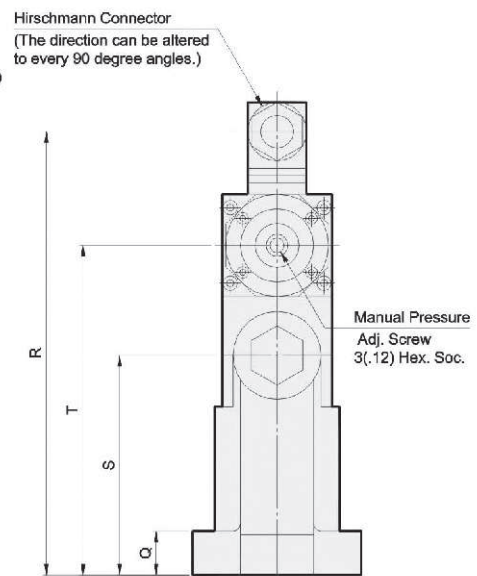
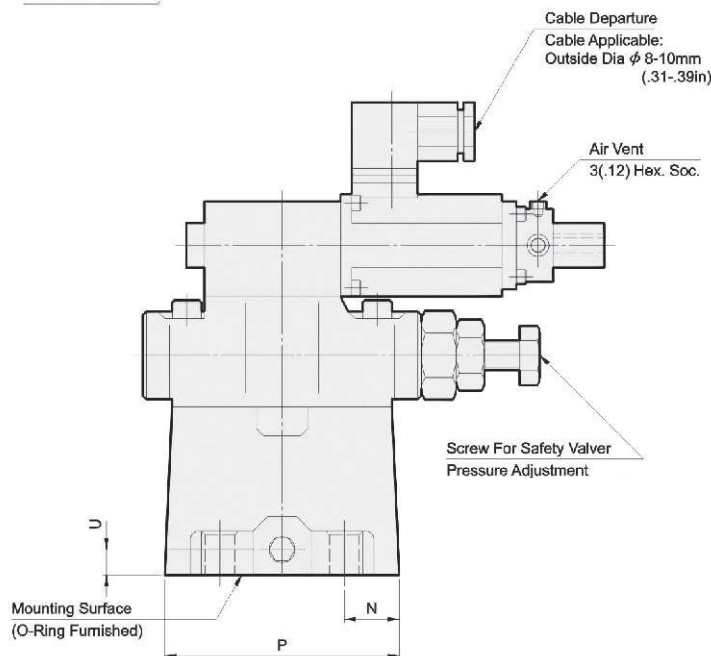
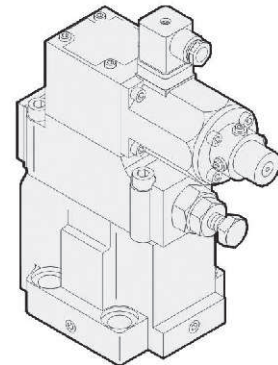
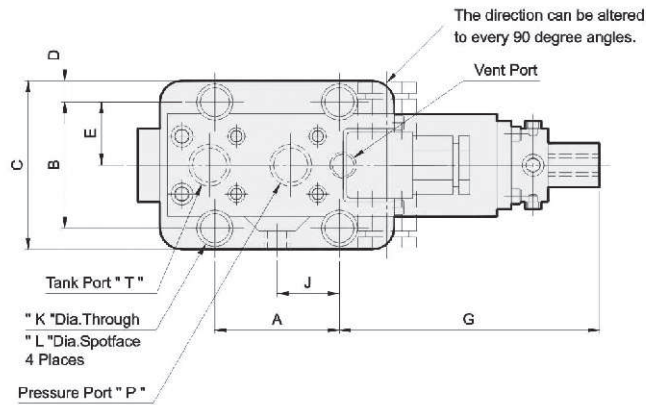
NOTE:

- 1.It is recommended that the return pipe is connected directly back to tank below the fluid level.
- 2.The specification chart above relates to performance achievable using the HNC standard electronic controller type HNC-1085 and a pump flow of 100 lpm at oil temperature 45°C /113°F and viscosity 45 cSt.

DIMENSIONS

MILLIMETERS(INCHES)

EBG- * * - * *



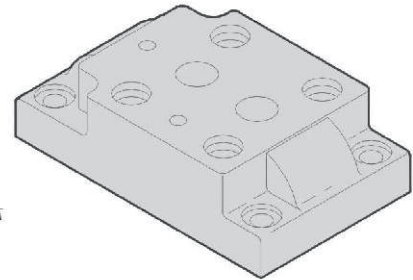
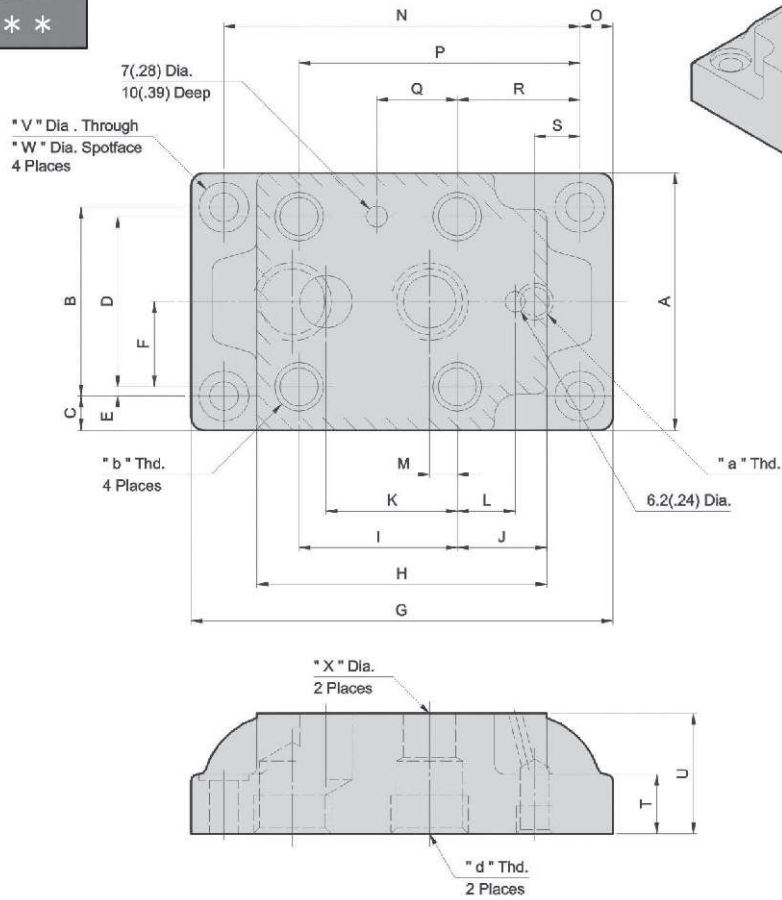
Model No.	A	B	C	D	E	G	H	J	K	L	N	P	Q	R	S	T	U
EBG-03-20	53.8	53.8	79	11.1	27	115	206	27	13.5	21	26	106	21.5	219	105	152	13
EBG-03-2090	(2.12)	(2.12)	(3.11)	(.44)	(1.06)	(4.53)	(8.11)	(1.06)	(.53)	(.83)	(1.02)	(4.17)	(.85)	(8.62)	(4.13)	(5.98)	(.51)
EBG-06-20	66.7	70	98	14	35	117	210	33	17.5	26	36	124	26	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

DIMENSIONS

MILLIMETERS(INCHES)

SUB-PLATE EBGM- * *

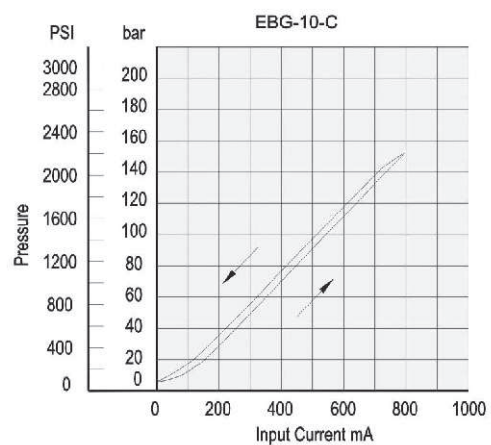
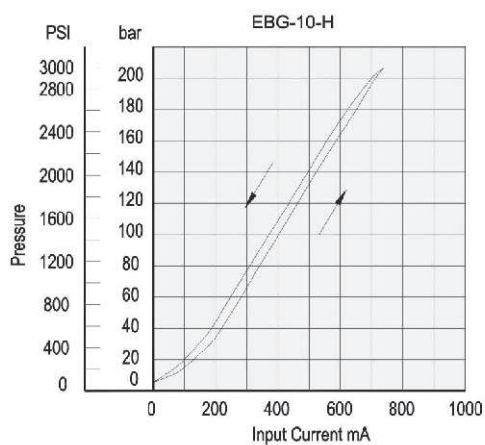
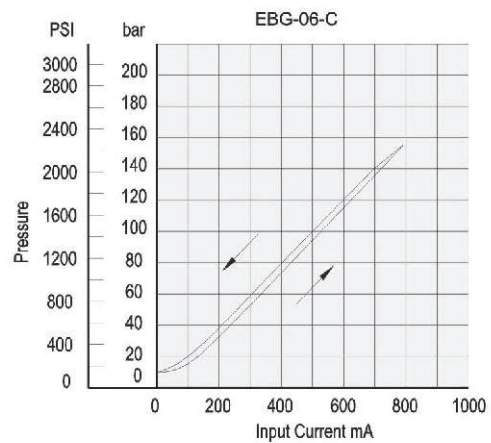
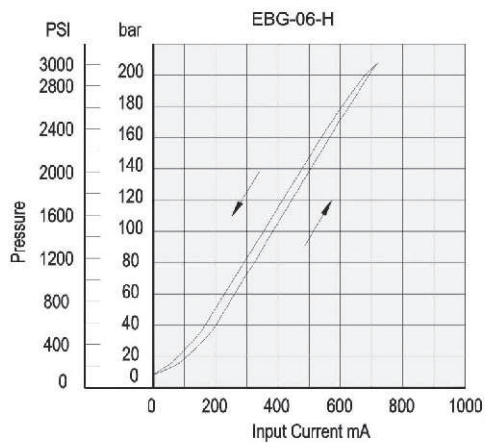
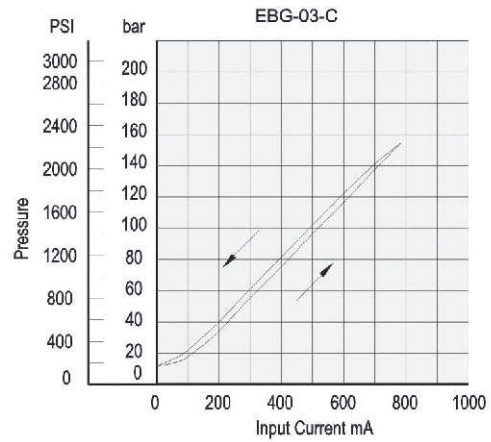
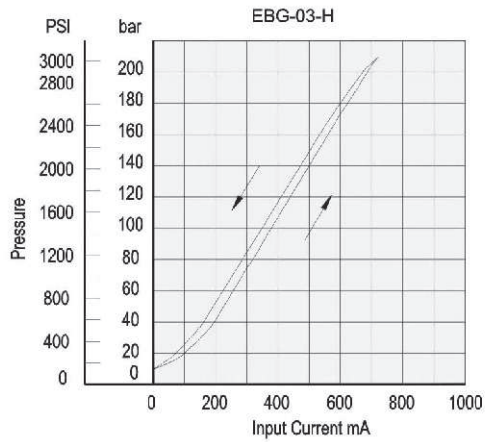


Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EBGM-03	86	60	13	53.8	3.1	26.9	149	97	53.8	19	47.4	0	22	123
EBGM-03X	(3.39)	(2.36)	(.51)	(2.12)	(.12)	(1.06)	(5.87)	(3.82)	(2.12)	(.75)	(1.87)	(0)	(.87)	(4.84)
EBGM-06	108	78	15	70	4	35	180	121	66.7	37	55.5	23.8	11	150
EBGM-06X	(4.25)	(3.07)	(.59)	(2.76)	(.16)	(1.38)	(7.09)	(4.76)	(2.63)	(1.46)	(2.19)	(.94)	(.43)	(5.91)
EBGM-10	126	94	16	82.6	5.7	41.3	227	154	88.9	42	76.2	31.8	12.7	195
EBGM-10X	(4.96)	(3.7)	(.63)	(3.25)	(.22)	(1.63)	(8.94)	(6.06)	(3.50)	(1.65)	(3.0)	(1.25)	(.5)	(7.68)

Model	O	P	Q	R	S	T	U	V	W	X
EBGM-03		86			26		32			
	13	(3.39)	22	32	(1.02)	20	(1.26)	11	17.5	14.5
EBGM-03X	(.51)	95	(.87)	(1.26)	(.83)	(.79)	40	(.43)	(.69)	(.57)
		(3.74)					(1.57)			
EBGM-06		106.5			27.2		40			
	15	(4.19)	33.4	51	(1.07)	25	(1.57)	13.5	21	23
EBGM-06X	(.59)	119	(1.31)	(2.01)	18	(.98)	50	(.53)	(.83)	(.91)
		(4.69)			(.71)		(1.97)			
EBGM-10		138.2			30.2		50			
	16	(5.44)	44.5	62	(1.19)	32	(1.97)	17.5	26	28
EBGM-10X	(.63)	158	(1.75)	(2.44)	(.67)	17	63	(.69)	(1.02)	(1.1)
		(6.22)					(2.48)			

Model	Taiwanese & European DIN Std.			N. Amrelcan Design Std.		
	" a "	" b " Thd.	" d " Thd.	" a "	" b " Thd.	" d " Thd.
EBGM-03	M12 Thd.	3/8PT	1/4PT	1/2-13UNC Thd.	3/8NPT	1/4NPT
EBGM-03X	20(.79) Deep	1/2PT		22(.87) Deep	1/2NPT	
EBGM-06	M16 Thd.	3/4PT		5/8-11UNC Thd.	3/4NPT	
EBGM-06X	25(.98) Deep	1 PT		27(1.06) Deep	1 NPT	
EBGM-10	M20 Thd.	1-1/4PT		3/4-10UNC Thd.	1-1/4NPT	
EBGM-10X	28(1.1) Deep	1-1/2PT		28(1.1) Deep	1-1/2NPT	

Input Current vs. Pressure



Test Conditions:

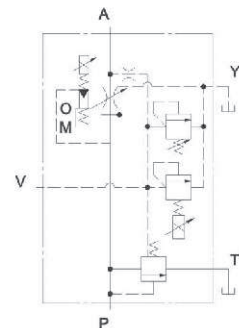
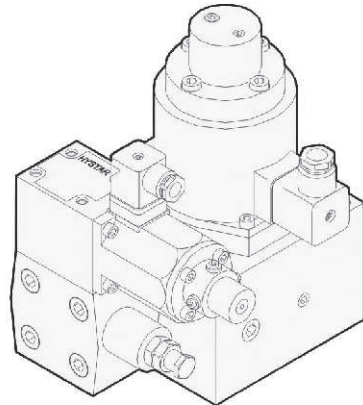
1. Pump: 60 lpm(EBG-03)
120 lpm(EBG-06)
250 lpm(EBG-06)
2. Oil Temperature: 45 °C /113 °F
3. Hydraulic Oil Viscosity: 45cSt

Proportional Electro-Hydraulic Relief And Flow Control Valves (40Ω -10Ω Series)

■ ORDERING CODE:

EFBG - 03 - 125 - C - 20 - *

DATE OF MANUFACTURED
DESIGN NO.
20 :WITH DIN 912 BOLTS
2090:WITH UNC(NORTH AMERICAN) BOLTS
C:137bar(1950PSI)
H:206bar(2930PSI)
MAX. FLOW PASSED
VALVE SIZE
PROPORTIONAL ELECTRO-HYDRAULIC RELIEF
AND FLOW CONTROL VALVE G TYPE



Graphic Symbols

■ RATINGS

Description		Model Number	EFBG-03-125	EFBG-06-250	EFBG-10-500
Max. Operating Pres.	bar(PSI)		206(2987)	206(2987)	206(2987)
Max. Flow	lpm(USgpm)		125(33)	250(66)	500(132)
Metred Flow Adjustment Range			1-125 (.26-33)	2-250 (.52-66)	5-500 (1.32-132)
Flow Controls	Rated Current	mA	750		
	Coil Resistance	Ω	40		
	Valve Internal Resistance (A → B)	bar(PSI)	5(72.5)		
	Hysteresis	%	< 7		
	Repeatability	%	< 1		
Pressure Controls	Pres. Adj. Range	bar(PSI)	C: 8~140(116~2030) H:10~206(145~3000)		
	Rated Current	mA	C:700 H:750		
	Coil Resistance	Ω	10		
	Hysteresis	%	< 3		
	Repeatability	%	< 1		
Weight	kg(lbs.)		18(39.6)	33(72.7)	58(127.8)

NOTE:

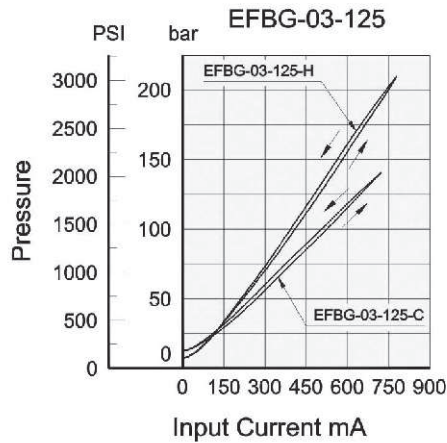
- 1.Pipe the return direct back to tank on its own below the oil level for minimum back pressure.
- 2.The specification chart above relates to performance achievable using the HNC standard electronic controller type HNC-4075 ,HNC-1085 and a pump flow of 125 lpm.(EFBG-03);250 lpm. (EFBG-06);500 lpm.(EFBG-10); at oil temperature 45°C /113°F and viscosity 45 cSt.

DIMENSIONS

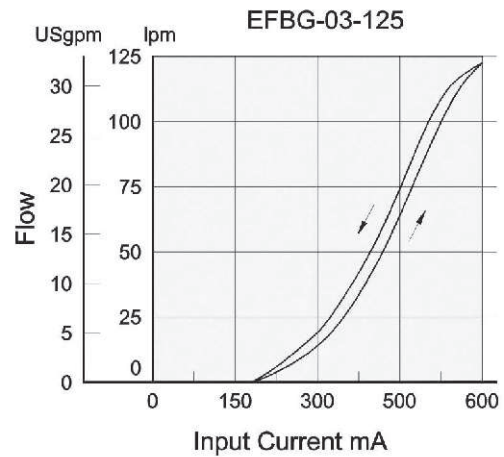
MILLIMETERS(INCHES)

(40Ω-10Ω Series)

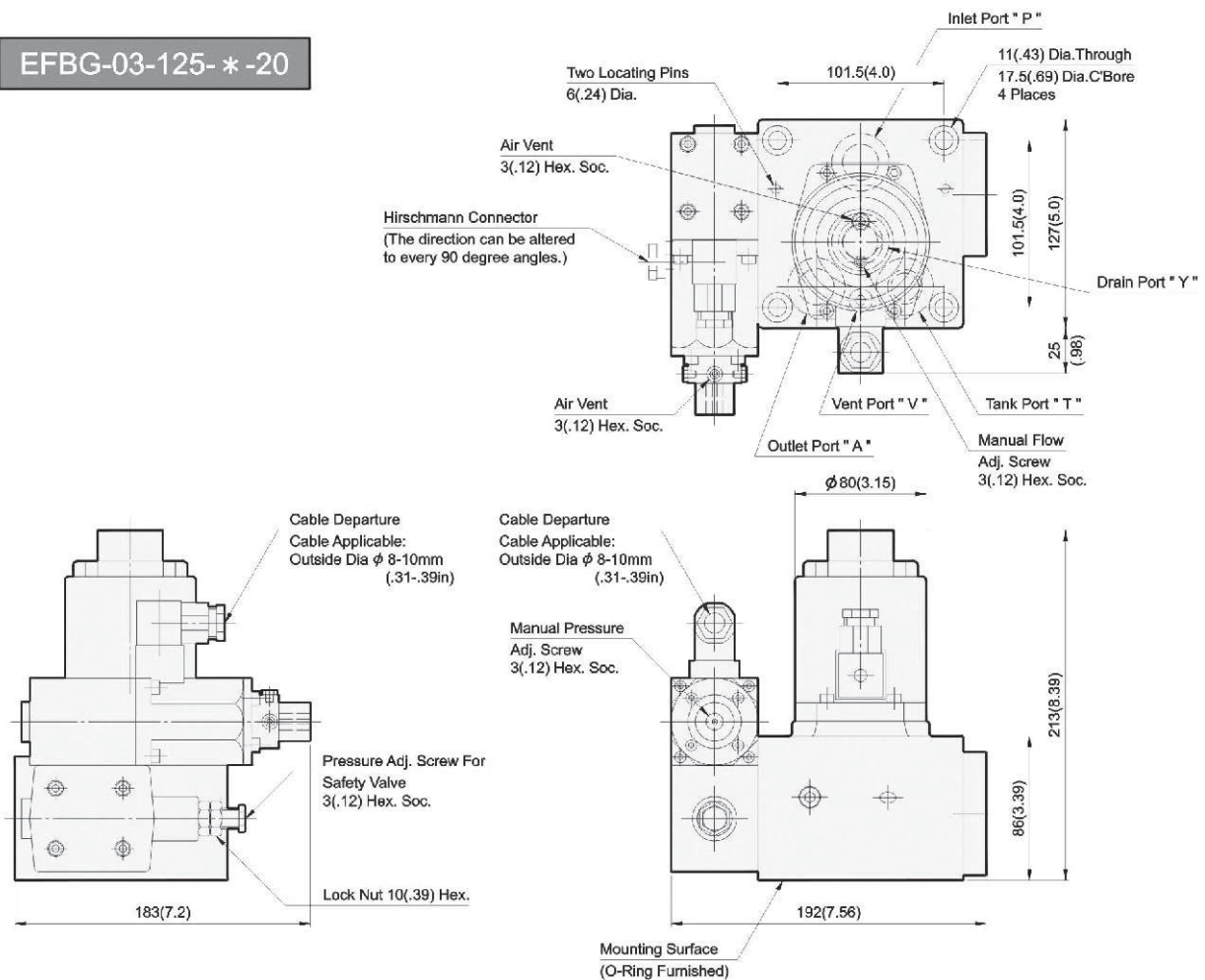
Input Current vs. Pressure



Input Current vs. Flow



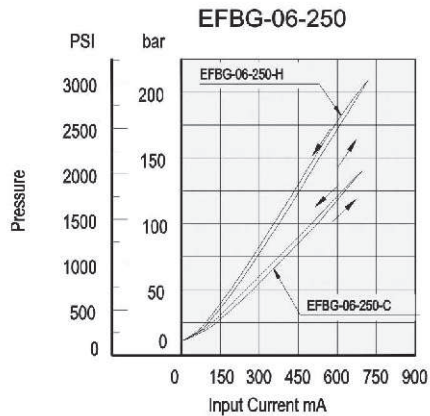
EFBG-03-125- * -20



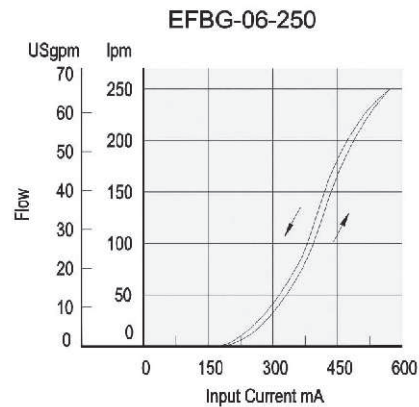
Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M10X100LgX4pcs	58-72 Nm	20
Attachment Soc.Hd.Cap Screw:	No.3/8-16UNCX4"LgX4pcs	504-625 in.lbs	2090

(40 Ω -10 Ω Series)

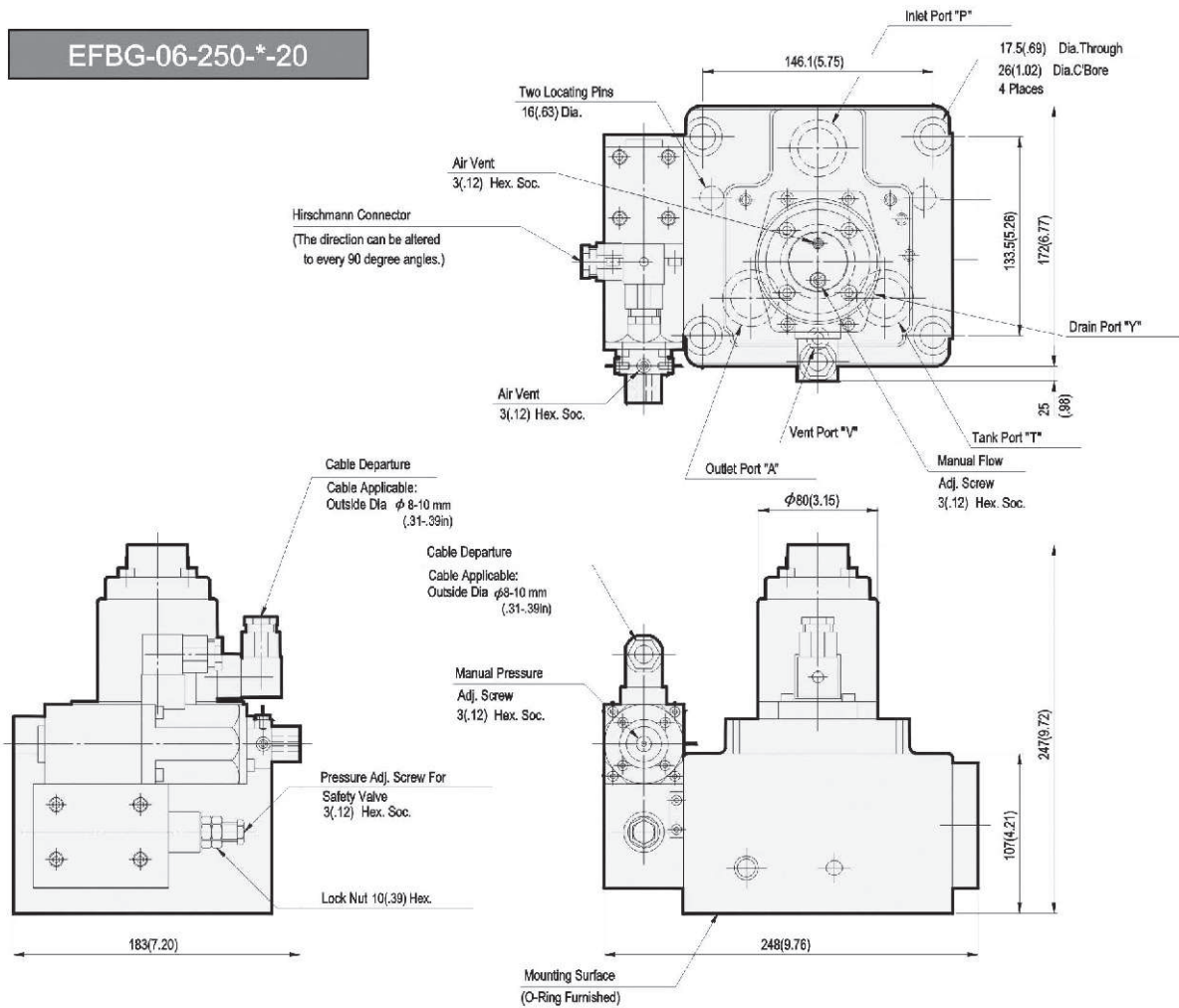
Input Current vs. Pressure



Input Current vs. Flow



EFBG-06-250-*-20



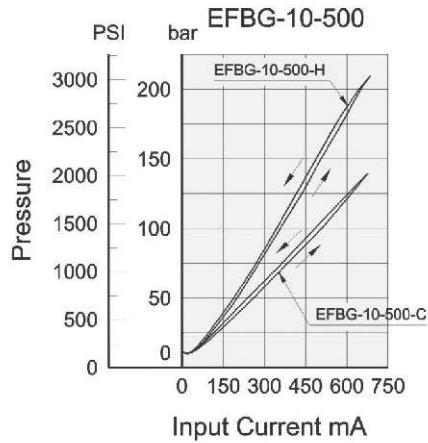
Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M16X130Lg X4pcs	286-354 Nm	20
Attachment Soc.Hd.Cap Screw:	No.5/8-11UNCX5LgX4pcs	2482-3073 in.lbs	2090

DIMENSIONS

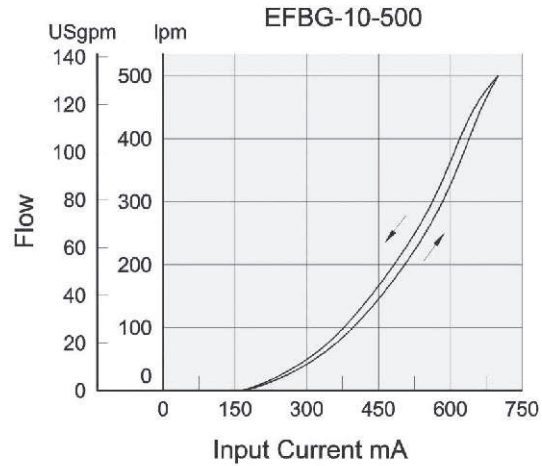
MILLIMETERS(INCHES)

(40Ω-10Ω Series)

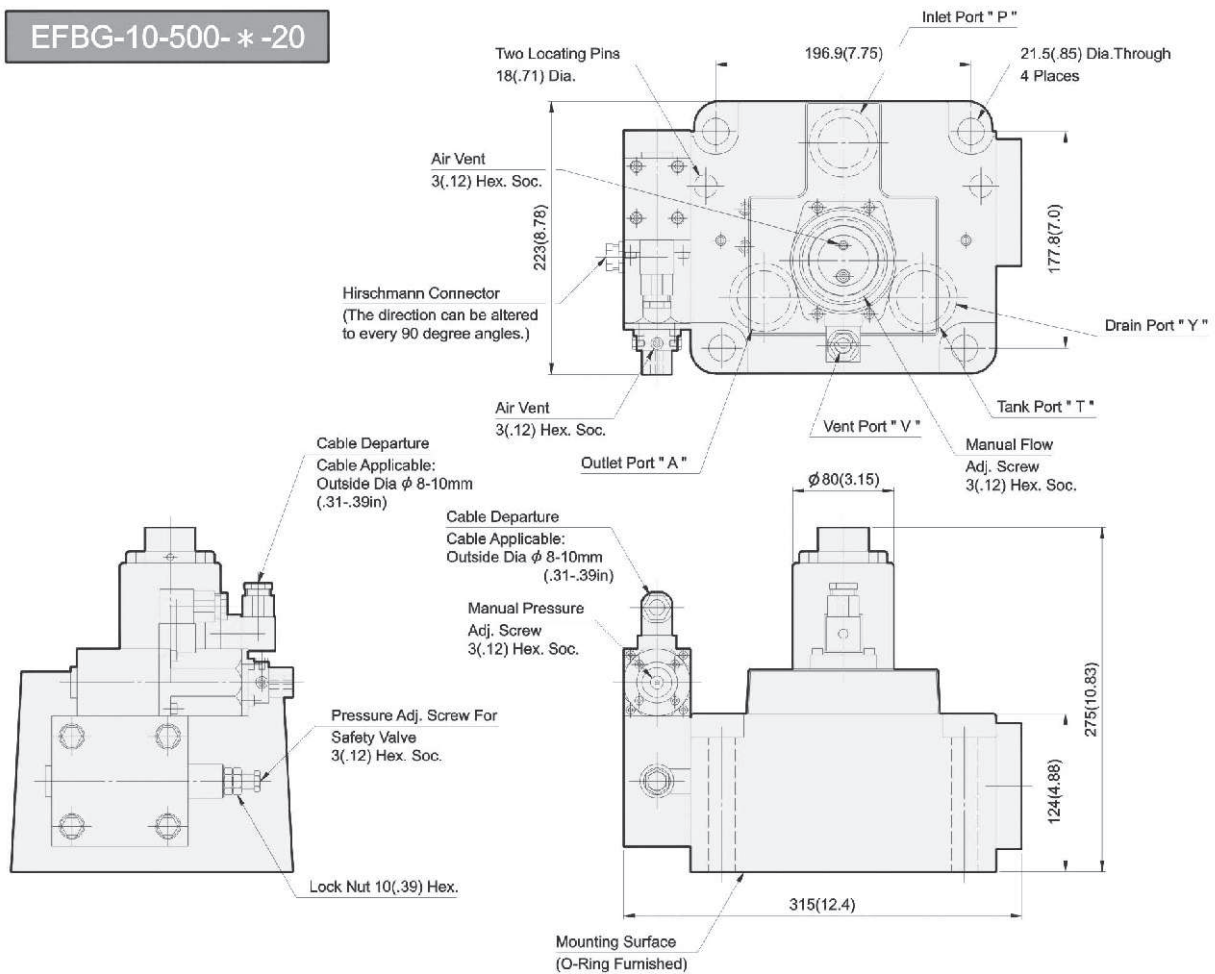
Input Current vs. Pressure



Input Current vs. Flow



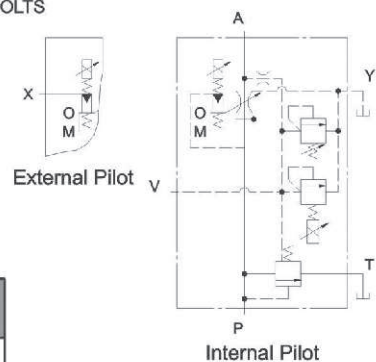
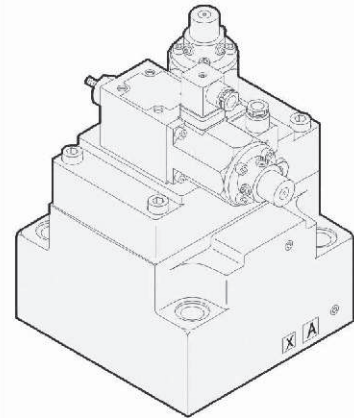
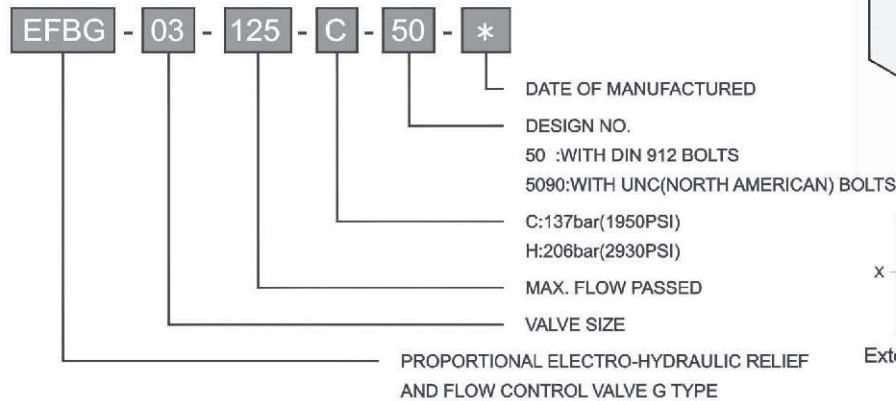
EFBG-10-500- * -20



Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M20X130LgX4pcs	473-585 Nm	20
Attachment Soc.Hd.Cap Screw:	No.3/4-10UNCX5"LgX4pcs	4106-5078 in.lbs	2090

Proportional Electro-Hydraulic Relief And Flow Control Valves (10Ω-10Ω Series)

■ ORDERING CODE:



Graphic Symbols

■ RATINGS

Description		Model Number	EFBG-03-125	EFBG-06-250	EFBG-10-500
Max. Operating Pres.	bar(PSI)		250(3600)	250(3600)	250(3600)
Max. Flow	lpm(USgpm)		125(33)	250(66)	500(132)
Metred Flow Adjustment Range			1-125 (.26-33)	2-250 (.52-66)	5-500 (1.32-132)
Flow Controls	Rated Current	mA	800		
	Coil Resistance	Ω	10		
	Valve Internal Resistance (A→B)	bar(PSI)	5(72.5)		
	Hysteresis	%	< 7		
	Repeatability	%	< 1		
Pressure Controls	Pres. Adj. Range	bar(PSI)	C: 8~140(116~2030) H:10~250(145~3600)		
	Rated Current	mA	C:820 H:880		
	Coil Resistance	Ω	10		
	Hysteresis	%	< 3		
	Repeatability	%	< 1		
Weight	kg(lbs.)		16(35.3)	23(50.7)	64(141.1)

NOTE:

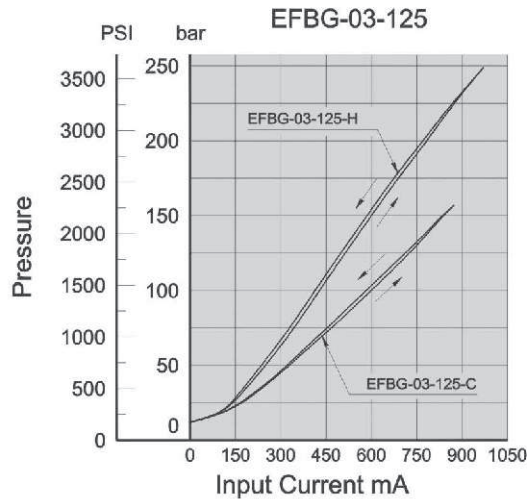
- 1.Pipe the return direct back to tank on its own below the oil level for minimum back pressure.
- 2.The specification chart above relates to performance achievable using the HNC standard electronic controller type HNC-1085 and a pump flow of 125 lpm.(EFBG-03);250 lpm.(EFBG-06); 500 lpm.(EFBG-10); at oil temperature 45°C /113°F and viscosity 45 cSt.

DIMENSIONS

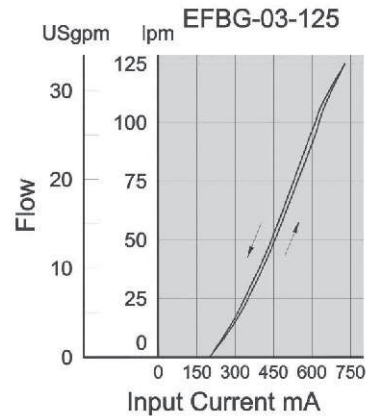
MILLIMETERS(INCHES)

(10Ω-10Ω Series)

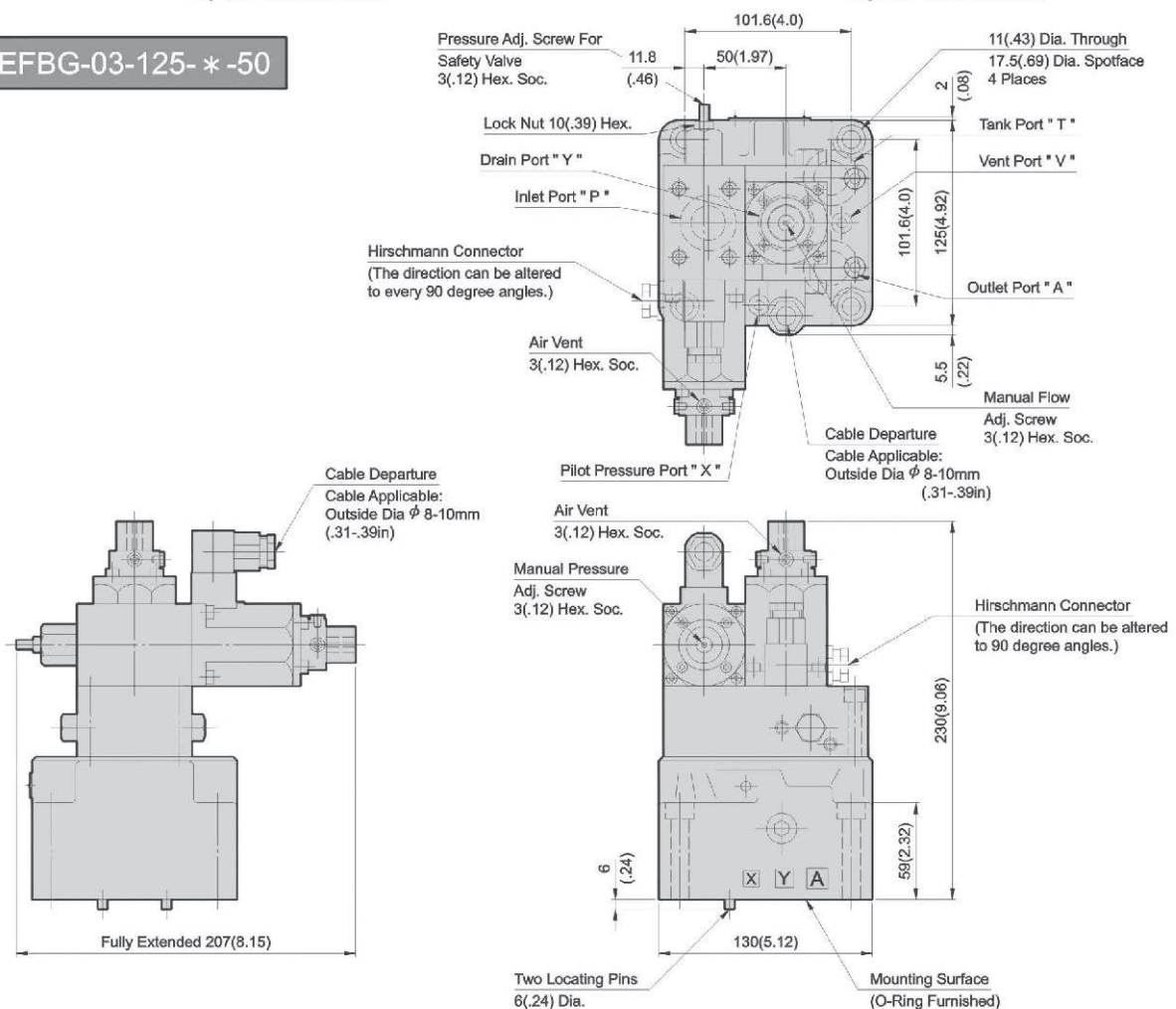
Input Current vs. Pressure



Input Current vs. Flow



EFBG-03-125- * -50



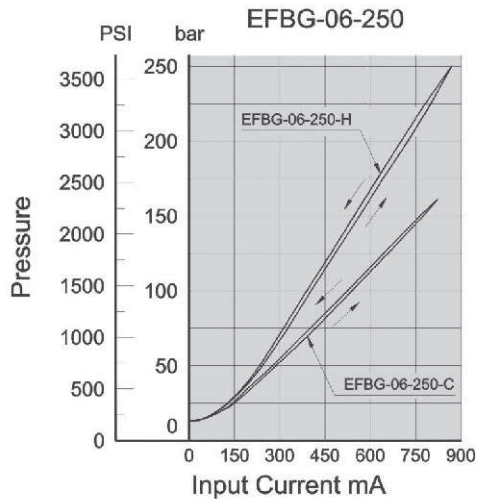
Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M10X100LgX4pcs	58-72 Nm	50
Attachment Soc.Hd.Cap Screw:	No.3/8-16UNCX4"LgX4pcs	504-625 in.lbs	5090

DIMENSIONS

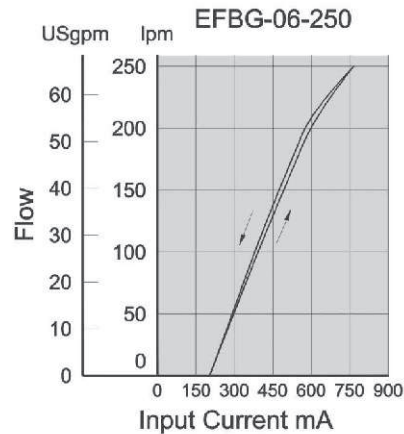
MILLIMETERS(INCHES)

(10Ω-10Ω Series)

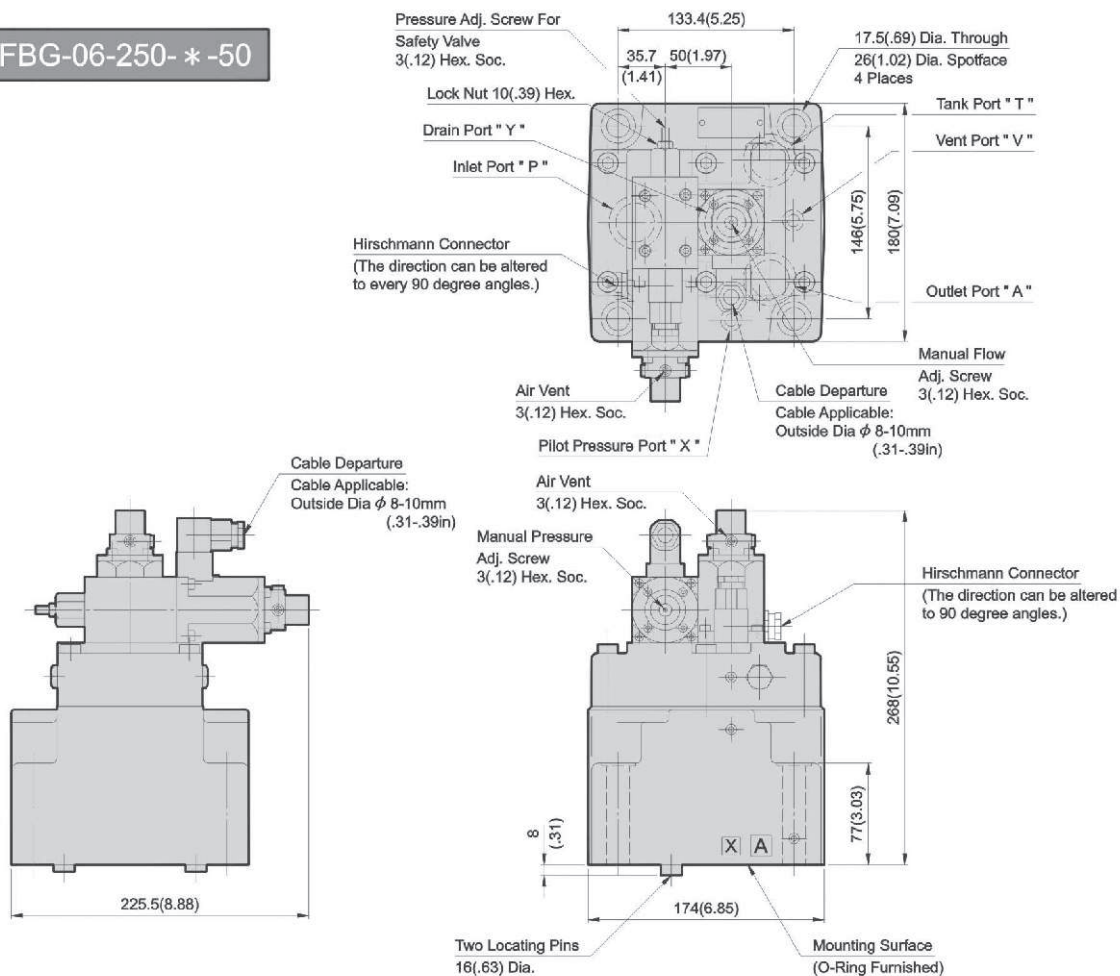
Input Current vs. Pressure



Input Current vs. Flow



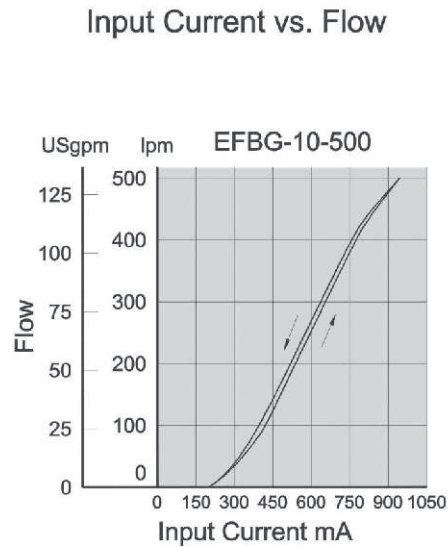
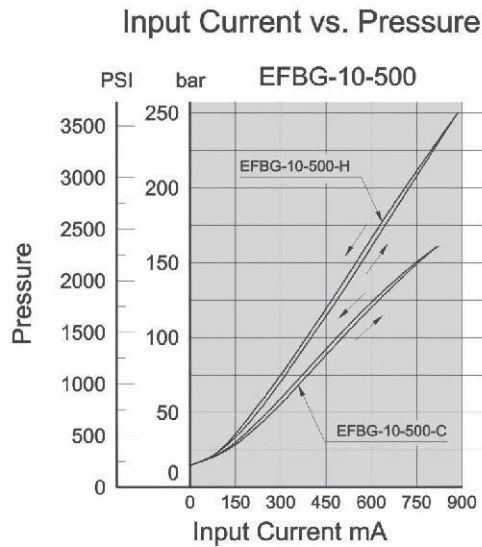
EFBG-06-250- * -50



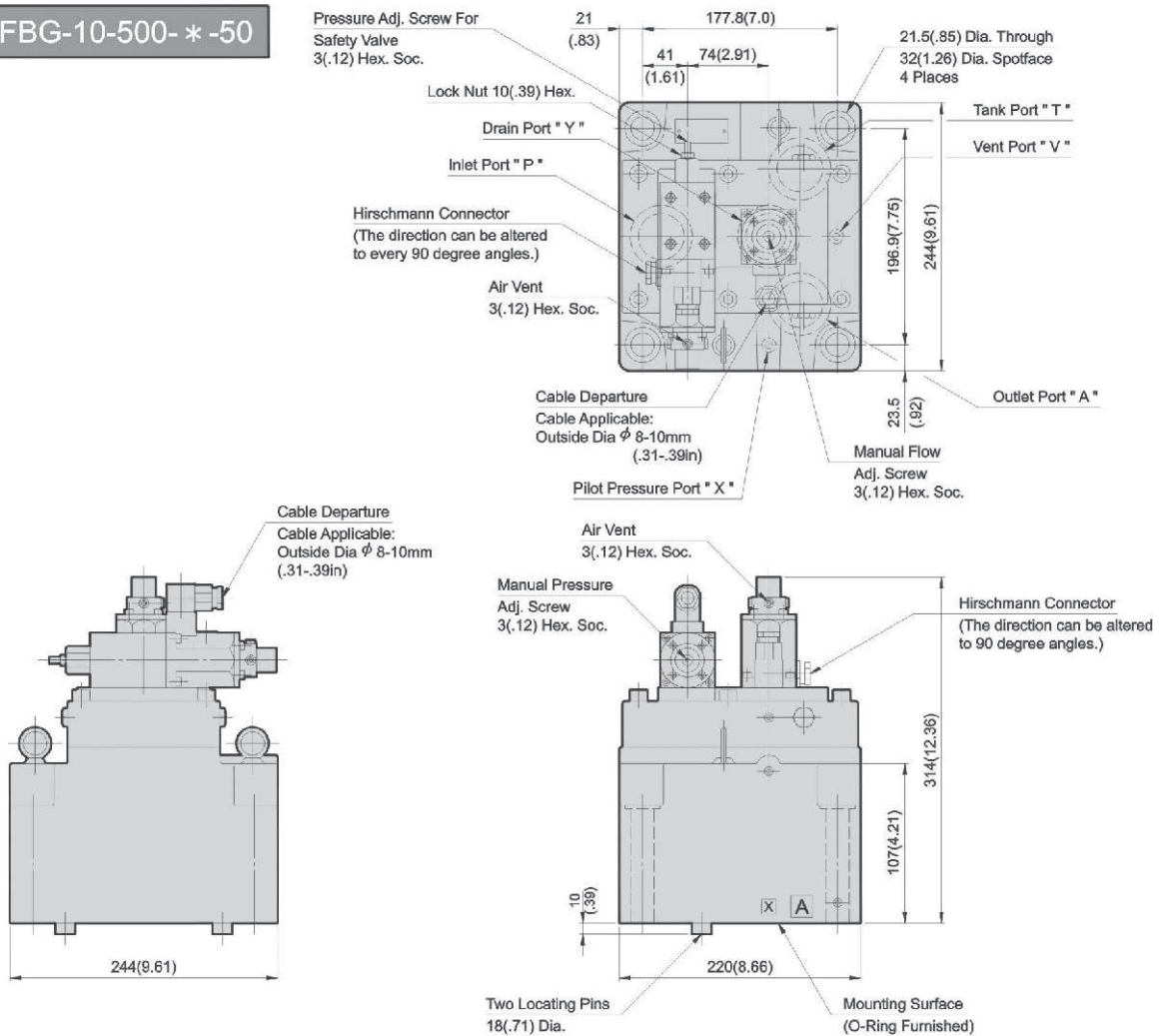
Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M16X130LgX4pcs	286-354 Nm	50
Attachment Soc.Hd.Cap Screw:	No.5/8-11UNCX5"LgX4pcs	2482-3073 in.lbs	5090

DIMENSIONS

MILLIMETERS(INCHES)



EFBG-10-500- * -50



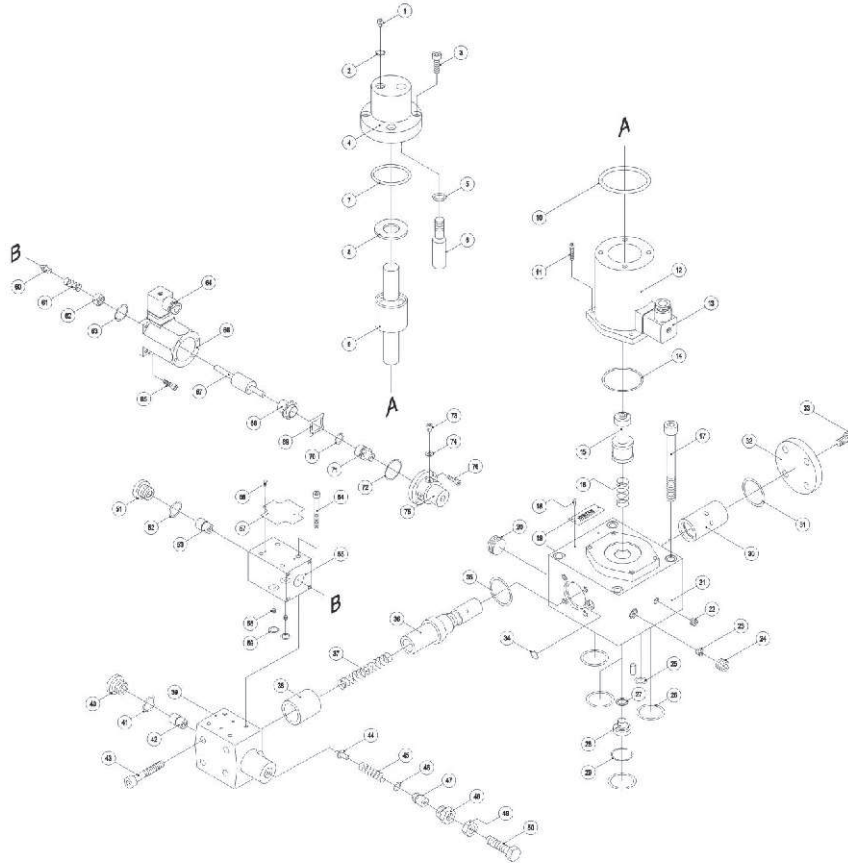
Name	Description	Tightening Torque	Code
Attachment Soc.Hd.Cap Screw:	M20X130LgX4pcs	473-585 Nm	50
Attachment Soc.Hd.Cap Screw:	No.3/4-10UNCX5"LgX4pcs	4106-5078 in.lbs	5090



Bell
HYDROMATICS

ASSEMBLY
EFBG-03-125-H-20

(40 Ω -10 Ω Series)



NO.	PART NAME	NO.	PART NAME	NO.	PART NAME	NO.	PART NAME
1	Bolt(M4X8L)	21	Body	41	O-Ring(18X2)	61	Spring(Dia.1.85X20L)
2	Gasket(4X10)	22	Plug(PT1/16)	42	Seat	62	Spring Base
3	Bolt(M6X20L)	23	Plug(M6X10L)	43	Bolt(M8X50L)	63	O-Ring(P-18)
4	Housing	24	Plug(PT1/4)	44	Pin	64	DIN Connector
5	O-Ring(P-4)	25	O-Ring(AS-110)	45	Spring(Dia.2.3X33L)	65	Bolt(M4X16L)
6	Manual Adj. Flow Screw	26	O-Ring(P-29)	46	O-Ring(P-9)	66	Coil(EDG-01)
7	O-Ring(AS-029)	27	Washer(14.8X0.2)	47	Spring Base	67	Core
8	Washer	28	Spring Base	48	Nut M10	68	Remove Ferrum Heart
9	Core	29	Spring Ring(1.6X24)	49	Nut(M10)	69	Wave Washer
10	O-Ring(AS-029)	30	Tube	50	Pressure Adj. Screw(M10X40L)	70	O-Ring(P-11)
11	Bolt(M5X16L)	31	O-Ring(P-31)	51	Plug(PS3/8)	71	Manual Pressure Adj. Screw
12	Coil(EFBG-03)	32	Cover Plate	52	O-Ring(18X2)	72	O-Ring(AS-021)
13	DIN Connector	33	Bolt(M8X12L)	53	Seat	73	Bolt(M4X8L)
14	O-Ring(G-45)	34	O-Ring(P-9)	54	Bolt(M5X50L)	74	Gasket(4X10)
15	Flow Spool	35	O-Ring(P-31)	55	Body	75	Back Cover
16	Spring(Dia.2X34L)	36	Piston	56	Revit	76	Bolt(M4X12L)
17	Bolt(M10X100L)	37	Spring(Dia.2.3X91L)	57	Nameplate		
18	Revit	38	Tube	58	Fixing Screw(M8X10L)		
19	Nameplate	39	Set Body	59	O-Ring(P-9)		
20	Plug(PT1/2)	40	Plug(PS3/8)	60	Pin		

DIMENSIONS

MILLIMETERS(INCHES)

EFBG-03 Operating Data

Position For Installation:

To install the valve correctly mount with "bleed" up-wards in order to eliminate air and reduce the risk of air entrapment.

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.The above will ensure a stable adjustable pressure control and a smooth adjustable speed control.

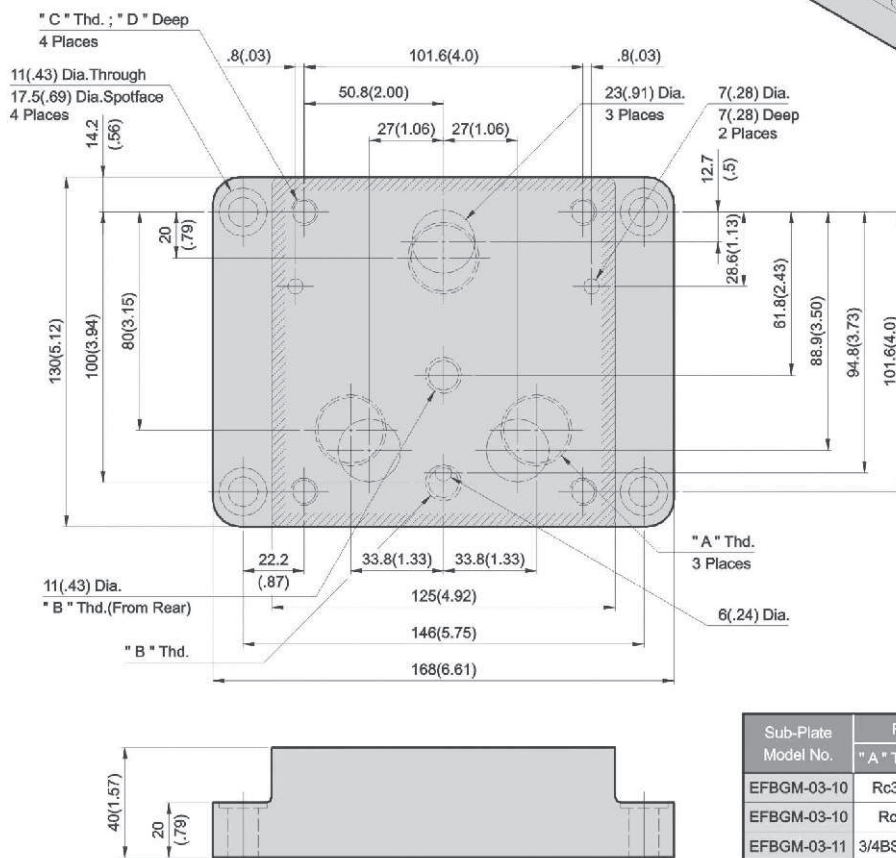
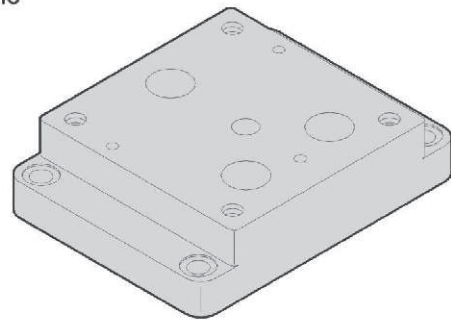
Manual Over-Ride

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

Drain

Pipe the return back to tank below the oil level.It is essential that the back pressure is kept to a minimum and does not exceed 2 bar(29PSI).

SUB-PLATE
EFBGM-03- * *



Sub-Plate Model No.	Piping Size		" C " Thd.	D mm(in.)
	" A " Thd.	" B " Thd.		
EFBGM-03-10	Rc3/4	Rc1/4	M10XP1.5	18(.71)
EFBGM-03-10	Rc1			
EFBGM-03-11	3/4BSP.F			
EFBGM-03-11	1BSP.F	1/4NPT	3/8-16UNC	21(.83)
EFBGM-03-12	3/4NPT			
EFBGM-03-12	1NPT			

DIMENSIONS

MILLIMETERS(INCHES)

EFBG-06 Operating Data

Place For Installation:

The place of bleeder can be adjusted freely and put the direction upside avilably to eliminate the air in pipe passage and valve.

Drain

Lay the tank line under the oil level of tank.And the back pressure as lower as possible,does not exceed 2 bar(29PSI).

Hand-adjusting(Pressure,Flow) Screw(bar)

When electric control is disorder and need to supply pressure occassionally,then just to turn the handadjusting pressure screw (bar) in clockwise direction.Restore it to the origin at usual time.

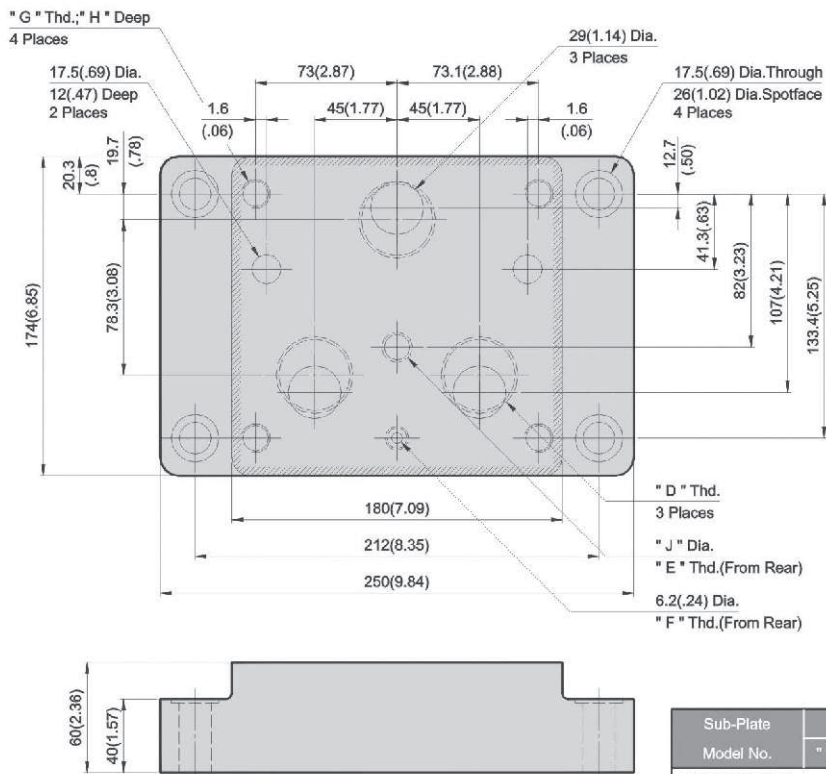
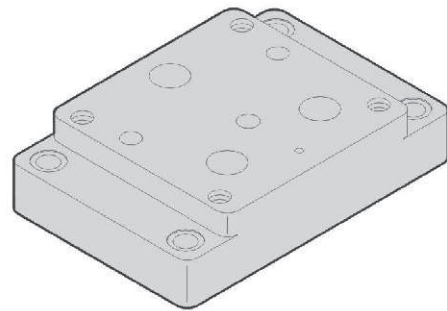
Elimination Of Air(Air Vent)

In order to stabilize the pressure and make speed shift acutely. It is very important to emilinate completely the air in pipe passage and valve(refer to EDG-01).

Highest Safety Pressure Set

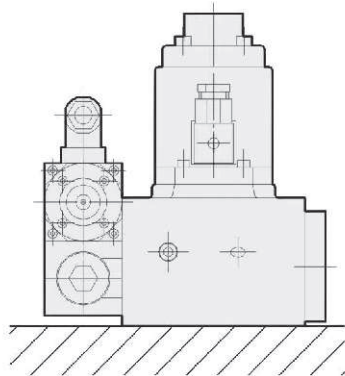
Refer to EBG-06.

SUB-PLATE
EFBGM-06 * - * *

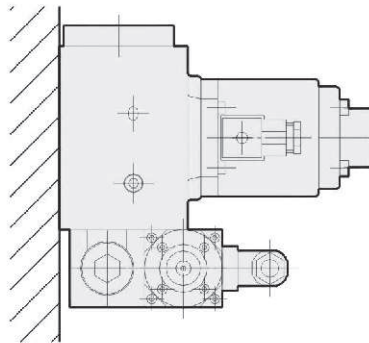


Sub-Plate Model No.	Piping Size			"G" Thd.	mm(in.)	
	"D" Thd.	"E" Thd.	"F" Thd.		H	J
EFBGM-06X-10	Rc1	Rc3/8	Rc1/4	M16XP2	30	14
EFBGM-06Y-10	Rc1-1/4				(1.18)	(.55)
EFBGM-06X-11	1BSP.F	3/8BSP.F	1/4BSP.F	M16XP2	30	15.2
EFBGM-06Y-11	1-1/4BSP.F				(1.18)	(.60)
EFBGM-06X-12	1NPT	3/8NPT	1/4NPT	5/8-11UNC	30	14
EFBGM-06Y-12	1-1/4NPT				(1.18)	(.55)

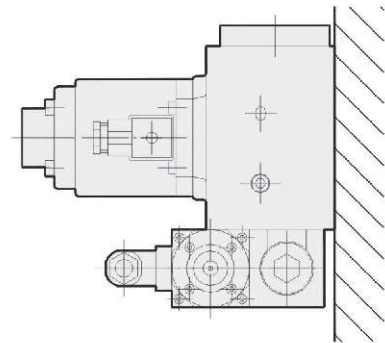
Proportional Valve Mounting Form



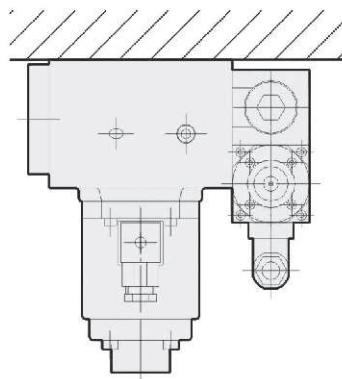
(O) Correct



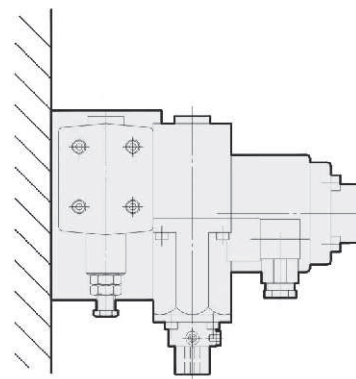
(O) Correct



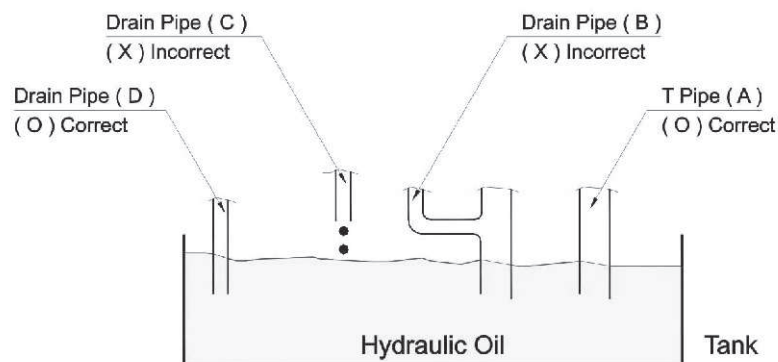
(O) Correct



(X) Incorrect



(X) Incorrect



CAUTIONS FOR DRAIN PIPING:

1. Drain connector (T pipe/Return line) must be piped directly to tank (as A).
2. Lay the drain piping independently (as D) not joined with other return lines (as B).
3. Lay the oil return piping under the oil level of the tank (as D) and as far as possible from the suction piping.
4. Drain pipe (as C) is incorrect.

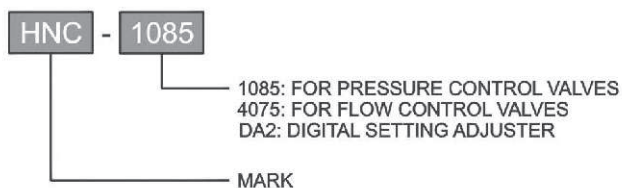
Electronic Amplifier P-C Board

General Information

1. Electronic amplifier type HNC-1085 is used for proportional pressure control valve. Load coil resistance 10Ω

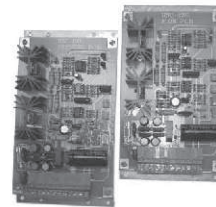
2. Electronic amplifier type HNC-4075 is used for proportional flow control valve. Load coil resistance 40Ω

ORDERING CODE:



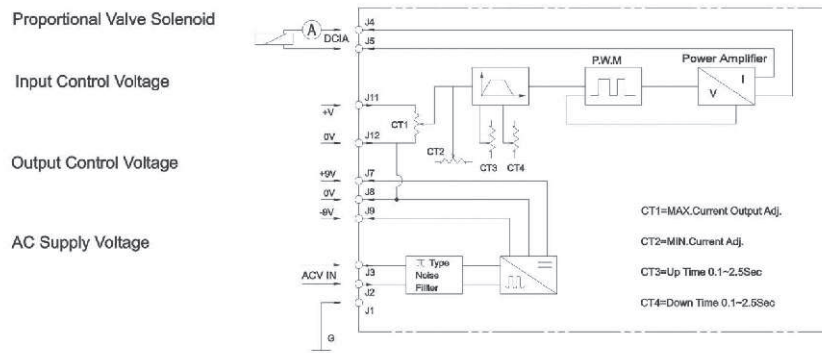
RATINGS

Model Number	HNC-1085	HNC-4075
Description		
Power Supply	AC 28V $\pm$ 20%	AC 40V $\pm$ 20%
Fuse	2A	2A
Load Coil Resistance	10 Ω /20°C (68°F)	40 Ω /20°C (68°F)
Input Control Voltage	0V~+9V	0V~+9V
Max. Current Output Range	0~850mA	0~750mA
Pilot Current Adj. Range	0~150mA	0~150mA
Up Ramp Time	0.1~2.5sec	0.1~2.5sec
Down Ramp Time	0.1~2.5sec	0.1~2.5sec
Temperature Drift	0.1mA/°C	0.2mA/°C
Ambient Temperature(Max.)	0~50°C (32~122°F)	0~50°C (32~122°F)
Max. Power Requirement	15VA	40VA



Electronic Amplifier Terminal Connections

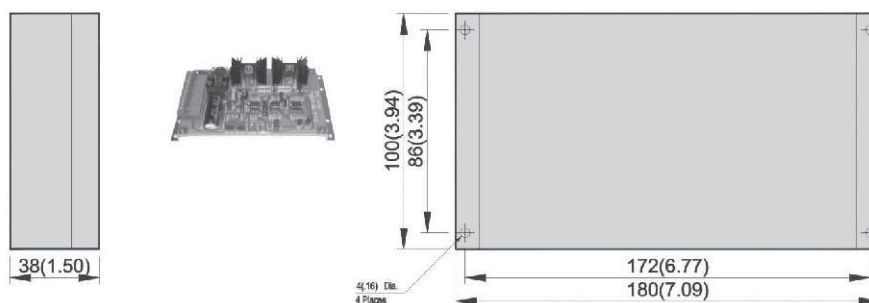
HNC-1085 HNC-4075



DIMENSIONS

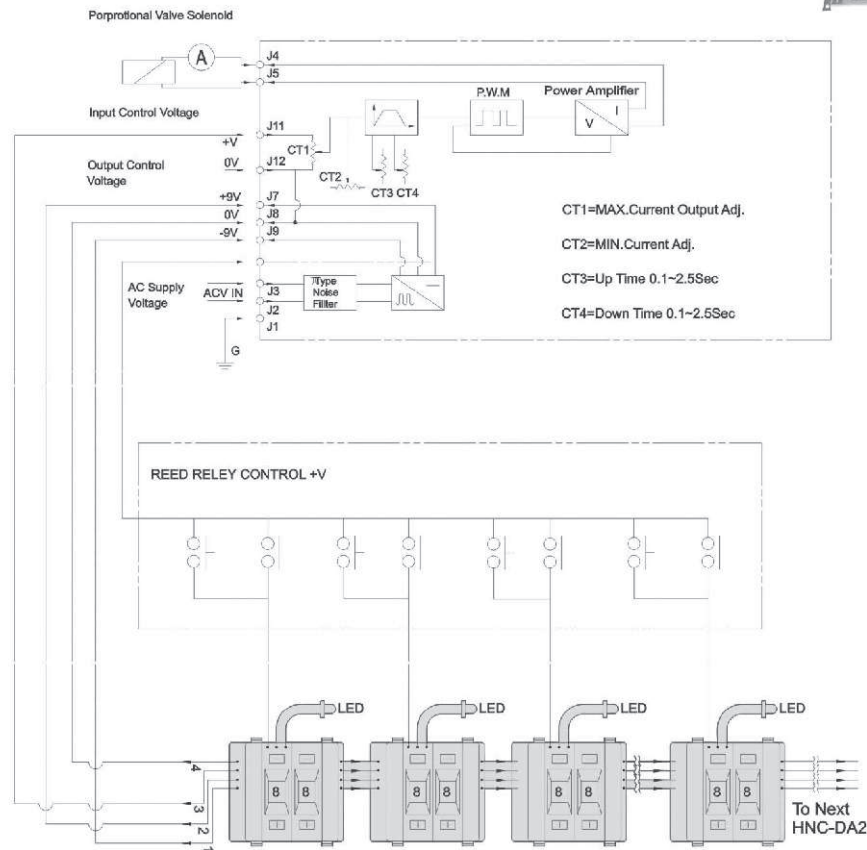
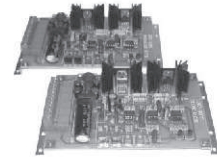
MILLIMETERS(INCHES)

P-C Board Dimensions



Electronic Amplifier Terminal Connections

HNC-1085 HNC-4075



Digital Setting Adjuster

HNC-DA2

