Lynch
Manifolds & Valve Packs

Product Tips and Features

Subplates with Circuits

Subplates with Relief from P to T are designed to provide a means to connect a single solenoid valve to field piping either on the power unit or near the actuator. This manifold provides an integral system relief cavity to minimize piping.

1. Standard materials are Aluminum and Ductile Iron. Other materials including Mild Steel or Stainless Steel are optionally available.

2. Special Finishes including Black Oxide, Electroless Nickel Plating or Anodizing are optionally available.

3. UNC or Metric mounting bolt kits and any plugs that may be required are supplied as standard.

4. Clearance holes are located outside the solenoid valve interface limits wherever possible in order to facilitate valve assembly prior to mounting the subplate.

5. Internal galleries have been maximized in order to minimize pressure drops and fluid velocities.

6. Port spacing has been maximized and aligned simplifying the installation of piping and minimizing space requirements.

7. No variation in design layout for each Model regardless of Port Code.

8. Gauge Ports on Pressure Port are standard in order to facilitate the setting of the relief valve.

9. All D05H and D05HE Subplates designed with dual tank ports on the solenoid interface in order to maximize valve performance.

10. "05T" Code provides dual tank ports without the pilot ports for D05H(E) designs for higher performance applications. See note on data sheets 5.03.02 and 5.03.03 for complete Part Number details.

11. "ST" Porting Style includes additional tank port on side in addition to bottom NPT tank port.

12. Subplates with Circuits such as "P" Port Check With and Without Reliefs, Reducer on "P" Port and Cross-Line reliefs on "A" and "B" Ports are available. Please contact Factory for Part Numbers.

WE RESERVE THE RIGHT TO DISCONTINUE MODELS, OR CHANGE SPECIFICATIONS WITHOUT NOTICE OR INCURRING OBLIGATION

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Subplates with Circuits

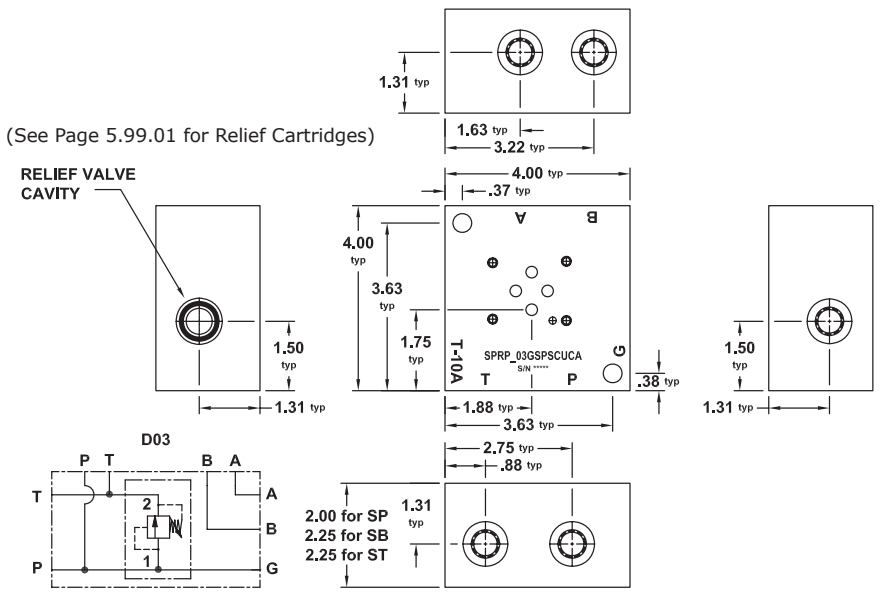
D03 Subplate with P To T Relief - Nominal 3/8” 5.02.01
D03 Subplate with P To T Relief - Nominal 1/2” 5.02.02
D03 Subplate with P To T Relief - Nominal 3/4” 5.02.03
D05 Subplate with P To T Relief - Nominal 1/2” 5.03.01
D05H/HE Subplate with P To T Relief - Nominal 3/4” 5.03.02
D05H/HE Subplate with P To T Relief - Nominal 1” 5.03.03
D07 Subplate with P To T Relief - Nominal 3/4” 5.04.01
D07 Subplate with P To T Relief - Nominal 1” 5.04.02
D08 Subplate with P To T Relief - Nominal 1” 5.05.01
D08 Subplate with P To T Relief - Nominal 1 1/4” 5.05.02
Relief Valves 5.99.01

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Lynch
Manifolds & Valve Packs

D03 Subplate with Relief - Nominal 3/8”

SPRP_03GSPSCUCA



(See Page 5.99.01 for Relief Cartridges)

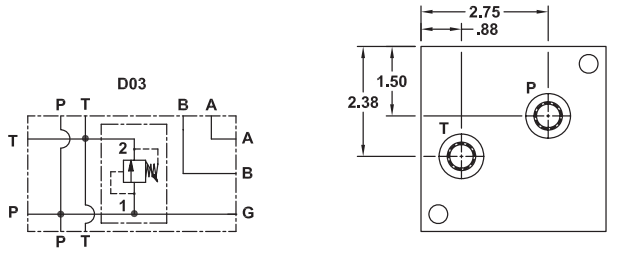
Mounting Kits Include the following:

"SP" UNC Kit:
2 - 3/8"-16 x 2.75" SHCS
"SP" Metric Kit:
2- M10-1.5 x 70 mm SHCS

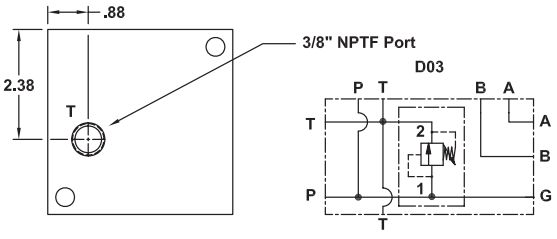
"SB" UNC Kit:
2 - 3/8"-16 x 3.00" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 75 mm SHCS
2 - plugs

"ST" UNC Kit:
2 - 3/8"-16 x 3.00" SHCS
"ST" Metric Kit:
2- M10-1.5 x 75 mm SHCS

SPRP_03GSBSCUCA - BOTTOM VIEW



SPRP_03GSTSCUCA - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D03 Side Ported Subplate with SAE 6 Ports & T-10A Relief Example: **SPRPA03GSPSCUCA**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

03G	ISO 4401-03-02 NFPA T3.5.1-D03

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 3/8" NPTF "T" Port on Bottom only

U	UNC Std for SAE & NPT	D03 Valve Subplate	10-24 UNC x .63 dp 3/8"-16 SHCS
M	Metric Std for BSP* & Metric	D03 Valve Subplate	M5 x 0.80 x .63 dp M10 x 1.50 SHCS

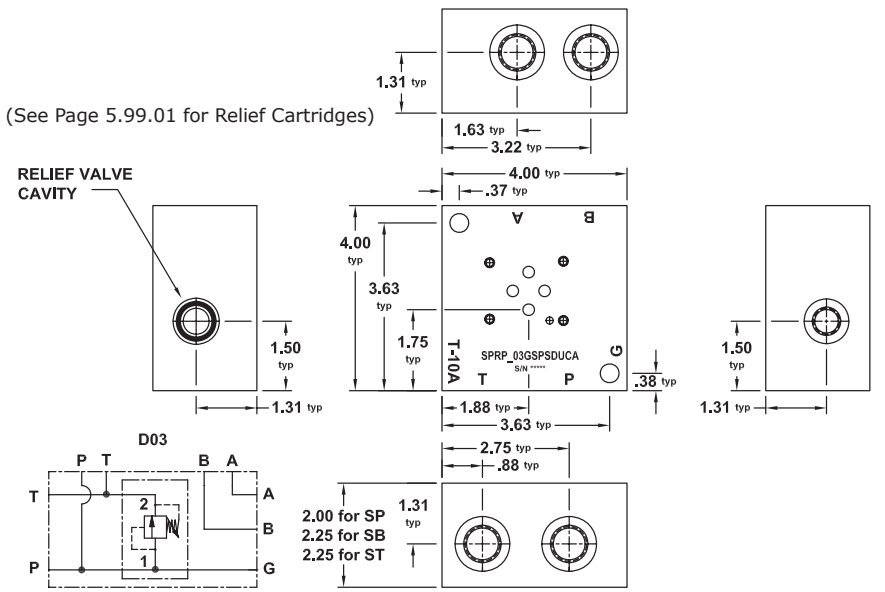
CODE	TYPE	P, T, A and B	G
SC	SAE	6	6
NC	NPTF	3/8"	1/4"
BC	BSPP	3/8"	1/4"
TC	BSPT	3/8"	1/4"
MC	METRIC	M14	M10

CA	Sun T-10A
DA	Common C10-2

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D03 Subplate with Relief - Nominal 1/2”

SPRP_03GSPSDUCA



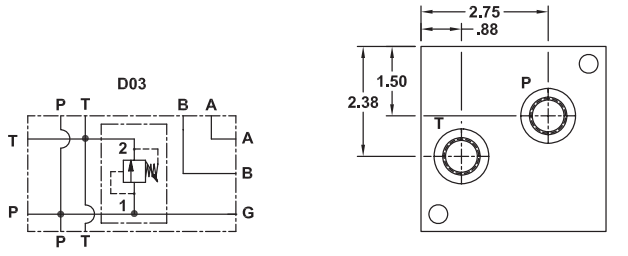
Mounting Kits Include the following:

"SP" UNC Kit:
2 - 3/8"-16 x 2.75" SHCS
"SP" Metric Kit:
2- M10-1.5 x 70 mm SHCS

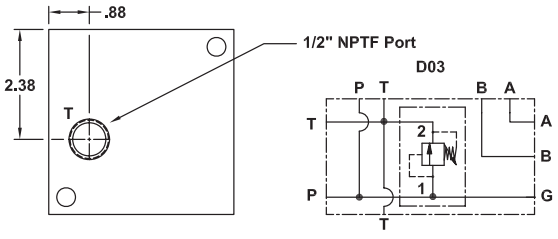
"SB" UNC Kit:
2 - 3/8"-16 x 3.00" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 75 mm SHCS
2 - plugs

"ST" UNC Kit:
2 - 3/8"-16 x 3.00" SHCS
"ST" Metric Kit:
2- M10-1.5 x 75 mm SHCS

SPRP_03GSBSDUCA - BOTTOM VIEW



SPRP_03GSTSDUCA - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D03 Side Ported Subplate with SAE 8 Ports & T-10A Relief Example: **SPRPA03GSPSDUCA**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

03G	ISO 4401-03-02 NFPA T3.5.1-D03

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1/2" NPTF "T" Port on Bottom only

CODE	TYPE	P, T, A and B	G
SD	SAE	8	6
ND	NPTF	1/2"	1/4"
BD	BSPP	1/2"	1/4"
TD	BSPT	1/2"	1/4"
MD	METRIC	M18	M10

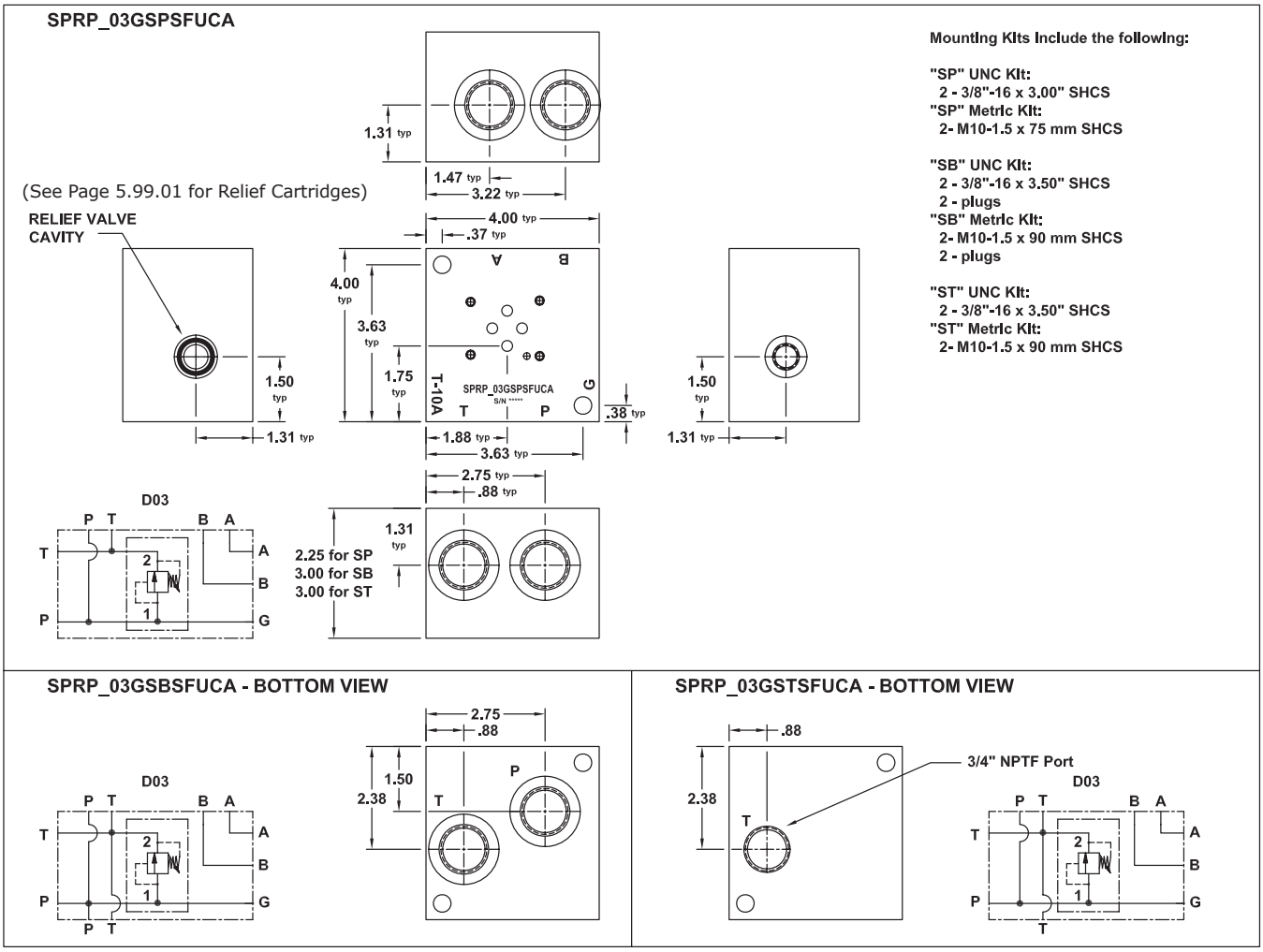
U	UNC Std for SAE & NPT	D03 Valve Subplate	10-24 UNC x .63 dp 3/8"-16 SHCS
M	Metric Std for BSP* & Metric	D03 Valve Subplate	M5 x 0.80 x .63 dp M10 x 1.50 SHCS

CA	Sun T-10A
DA	Common C10-2

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Lynch Manifolds & Valve Packs

D03 Subplate with Relief - Nominal 3/4”



PART NUMBER SYSTEM

Aluminum D03 Side Ported Subplate with SAE 12 Ports & T-10A Relief Example: **SPRPA03GSPSFUCA**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY

TYPE

SPRP	Subplates with P to T Relief

MATERIAL

A	Aluminum
D	Ductile Iron

VALVE PATTERN

03G	ISO 4401-03-02 NFPA T3.5.1-D03

PORTING STYLE

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 3/4" NPTF "T" Port on Bottom only

PORT CODE

CODE	TYPE	P, T, A and B	G
SF	SAE	12	6
NF	NPTF	3/4"	1/4"
BF	BSPP	3/4"	1/4"
TF	BSPT	3/4"	1/4"
MF	METRIC	M27	M10

MOUNTING THREADS & KIT

U	UNC Std for SAE & NPT	D03 Valve Subplate	10-24 UNC x .63 dp 3/8"-16 SHCS
M	Metric Std for BSP* & Metric	D03 Valve Subplate	M5 x 0.80 x .63 dp M10 x 1.50 SHCS

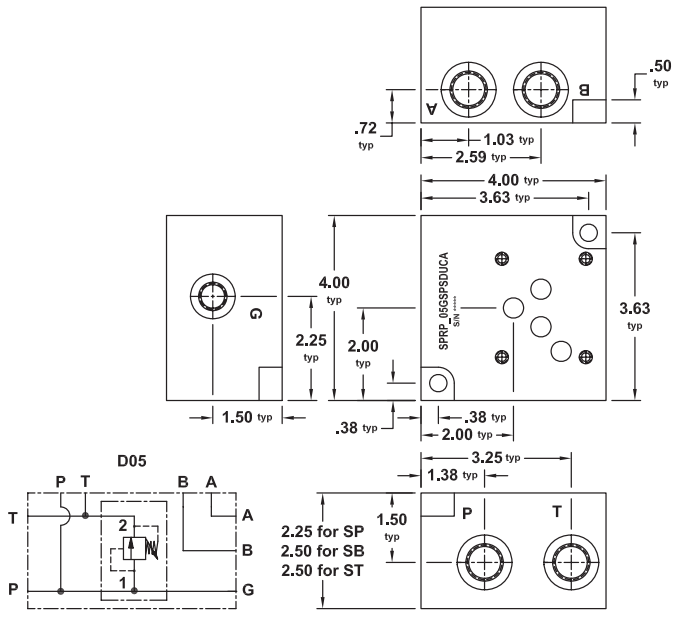
RELIEF CAVITY

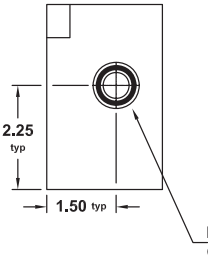
CA	Sun T-10A
DA	Common C10-2

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D05 Subplate with Relief - Nominal 1/2”

SPRP_05GSPSDUCA





Mounting Kits Include the following:

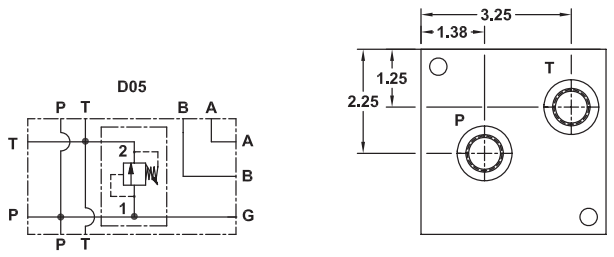
"SP" UNC Kit:
2 - 3/8"-16 x 2.50" SHCS
"SP" Metric Kit:
2- M10-1.5 x 65 mm SHCS

"SB" UNC Kit:
2 - 3/8"-16 x 2.75" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 70 mm SHCS
2 - plugs

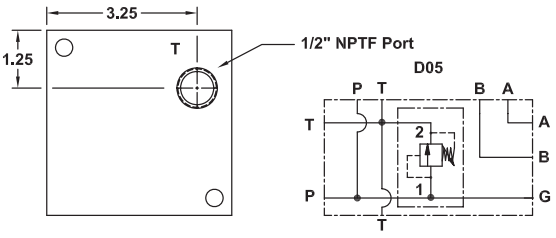
"ST" UNC Kit:
2 - 3/8"-16 x 2.75" SHCS
"ST" Metric Kit:
2- M10-1.5 x 70 mm SHCS

(See Page 5.99.01 for Relief Cartridges)

SPRP_05GSBSDUCA - BOTTOM VIEW



SPRP_05GSTSDUCA - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D05 Side Ported Subplate with SAE 8 Ports & T-10A Relief Example: **SPRPA05GSPSDUCA**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

05G	ISO 4401-05-04 NFPA T3.5.1-D05

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1/2" NPTF "T" Port on Bottom only

U	UNC Std for SAE & NPT	D05 Valve Subplate	1/4"-20 UNC x .75 dp 3/8"-16 UNC SHCS
M	Metric Std for BSP* & Metric	D05 Valve Subplate	M6 x 1.00 x .75 dp M10 x 1.50 SHCS

CODE	TYPE	P, T, A and B	G
SD	SAE	8	6
ND	NPTF	1/2"	1/4"
BD	BSPP	1/2"	1/4"
TD	BSPT	1/2"	1/4"
MD	METRIC	M18	M10

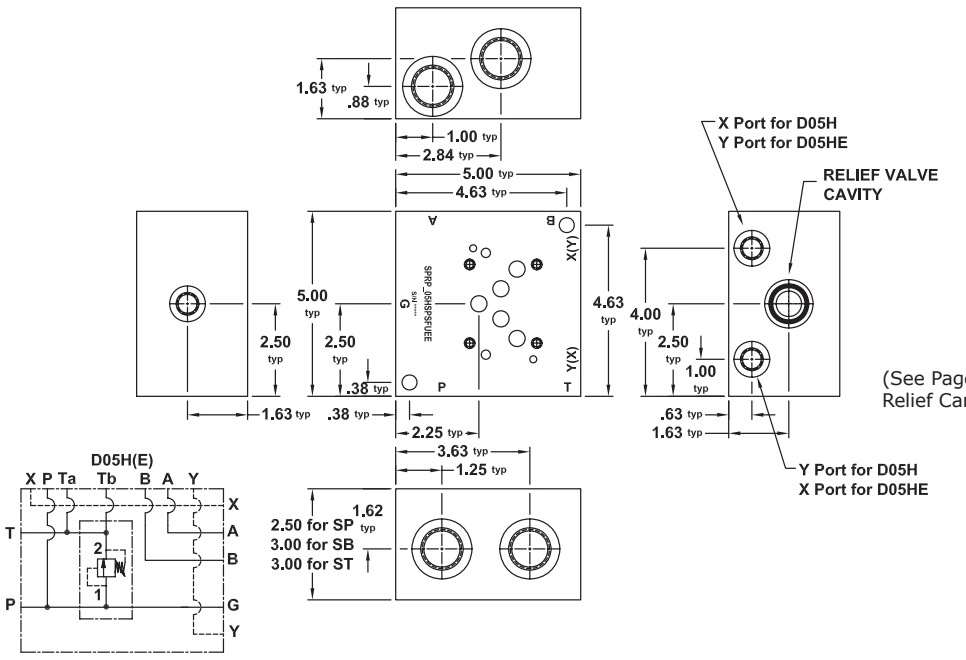
CA	Sun T-10A
DA	Common C10-2

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Lynch Manifolds & Valve Packs

D05H(E) High Flow Subplate w/Relief - Nominal 3/4”

SPRP_05_SPSFUEE



Mounting Kits Include the following:

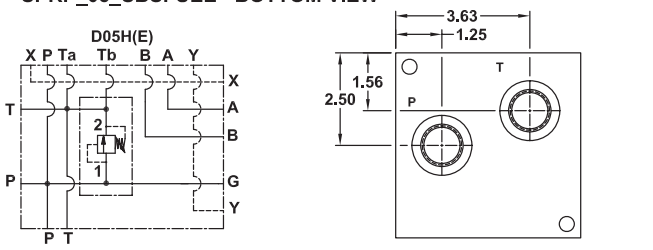
"SP" UNC Kit:
2 - 3/8"-16 x 3.00" SHCS
"SP" Metric Kit:
2- M10-1.5 x 75 mm SHCS

"SB" UNC Kit:
2 - 3/8"-16 x 3.50" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 90 mm SHCS
2 - plugs

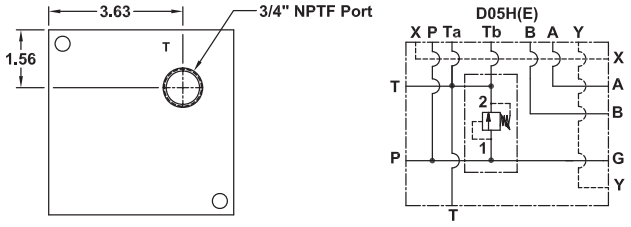
"ST" UNC Kit:
2 - 3/8"-16 x 3.50" SHCS
"ST" Metric Kit:
2- M10-1.5 x 90 mm SHCS

(See Page 5.99.01 for Relief Cartridges)

SPRP_05_SBSFUEE - BOTTOM VIEW



SPRP_05_STSFUEE - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D05H Side Ported Subplate with SAE 12 Ports & T-3A Relief Example: **SPRPA05HSPSFUEE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 3/4" NPTF "T" Port on Bottom only

05H	(USA Standard) NFPA T3.5.1-D05 Alt B
05E	ISO 4401-05-05 (EURO) NFPA T3.5.1-D05 Alt A

U	UNC Std for SAE & NPT	D05 Valve Subplate	1/4"-20 UNC x 0.75" dp	3/8"-16 SHCS
M	Metric Std for BSP* & Metric	D05 Valve Subplate	M6 x 1.00 x .75" dp	M10 x 1.50 SHCS

CODE	TYPE	P, T, A and B	X & Y	G
SF	SAE	12	6	6
NF	NPTF	3/4"	1/4"	1/4"
BF	BSPP	3/4"	1/4"	1/4"
TF	BSPT	3/4"	1/4"	1/4"
MF	METRIC	M27	M10	M10

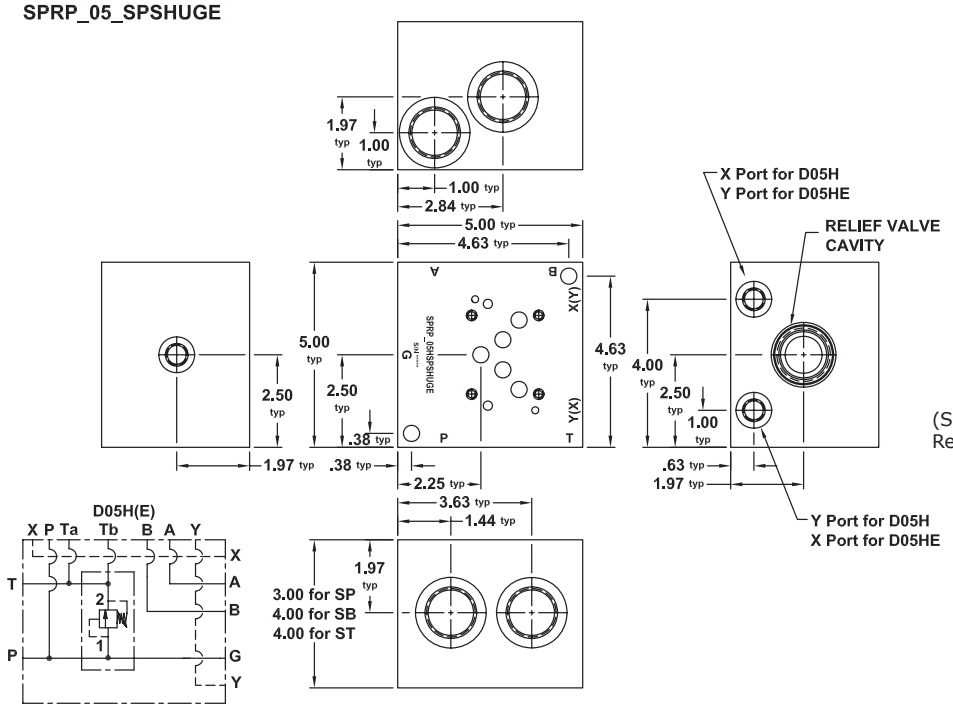
DE	Common C10-2
EE	Sun T-3A

NOTE: As a Non-Standard Option, Subplates with no Pilot Ports can be ordered by using "05T" for Valve Pattern Code and replacing the "E" at the end of the Part Number with an "A". An Example Part Number would be: SPRPA**05T**SPSFUE**A**

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D05H(E) High Flow Subplate w/Relief - Nominal 1”

SPRP_05_SPSHUGE



Mounting Kits Include the following:

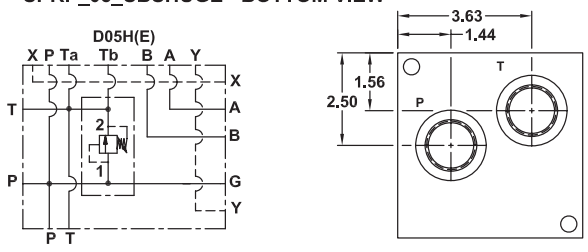
"SP" UNC Kit:
2 - 3/8"-16 x 3.50" SHCS
"SP" Metric Kit:
2- M10-1.5 x 90 mm SHCS

"SB" UNC Kit:
2 - 3/8"-16 x 4.50" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 120 mm SHCS
2 - plugs

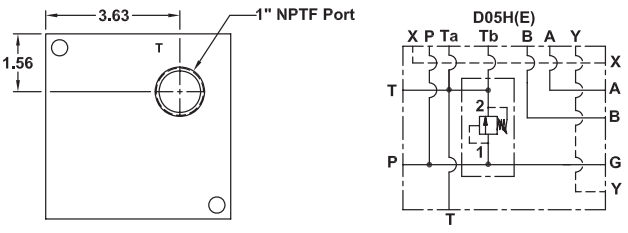
"ST" UNC Kit:
2 - 3/8"-16 x 4.50" SHCS
"ST" Metric Kit:
2- M10-1.5 x 120 mm SHCS

(See Page 5.99.01 for Relief Cartridges)

SPRP_05_SBSHUGE - BOTTOM VIEW



SPRP_05_STSHUGE - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D05H Side Ported Subplate with SAE 16 Ports & T-16A Relief Example: **SPRPA05HSPSHUGE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1" NPTF "T" Port on Bottom only

05H	(USA Standard) NFPA T3.5.1-D05 Alt B
05E	ISO 4401-05-05 (EURO) NFPA T3.5.1-D05 Alt A

U	UNC Std for SAE & NPT	D05 Valve	1/4"-20 UNC x 0.75" dp	
		Subplate	3/8"-16 SHCS	
M	Metric Std for BSP* & Metric	D05 Valve	M6 x 1.00 x .75" dp	
		Subplate	M10 x 1.50 SHCS	

CODE	TYPE	P, T, A and B	X & Y	G
SH	SAE	16	6	6
NH	NPTF	1"	1/4"	1/4"
BH	BSPP	1"	1/4"	1/4"
TH	BSPT	1"	1/4"	1/4"
MH	METRIC	M33	M10	M10

GE	Sun T-16A
HE	Common C16-2

NOTE: As a Non-Standard Option, Subplates with no Pilot Ports can be ordered by using "05T" for Valve Pattern Code and replacing the "E" at the end of the Part Number with an "A". An Example Part Number would be: SPRPA**05T**SPSHUG**A**

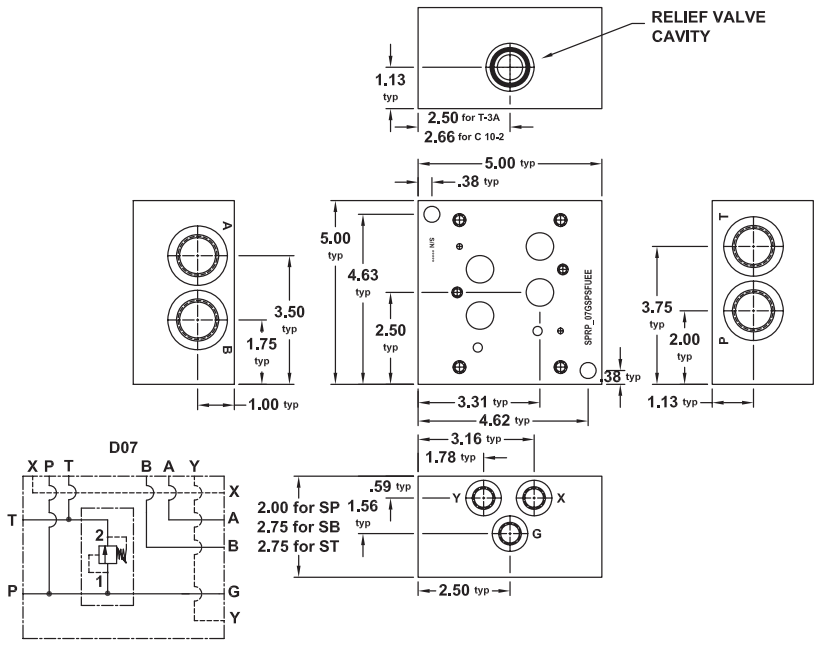
WE RESERVE THE RIGHT TO DISCONTINUE MODELS, OR CHANGE SPECIFICATIONS WITHOUT NOTICE OR INCURRING OBLIGATION

Lynch Manifolds & Valve Packs

D07 Subplate with Relief - Nominal 3/4”

SPRP_07GSPSFUEE

(See Page 5.99.01 for Relief Cartridges)



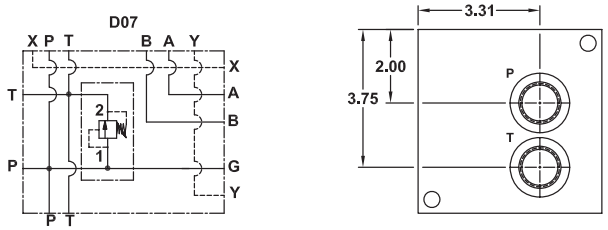
Mounting Kits include the following:

"SP" UNC Kit:
2 - 3/8"-16 x 2.75" SHCS
"SP" Metric Kit:
2- M10-1.5 x 70 mm SHCS

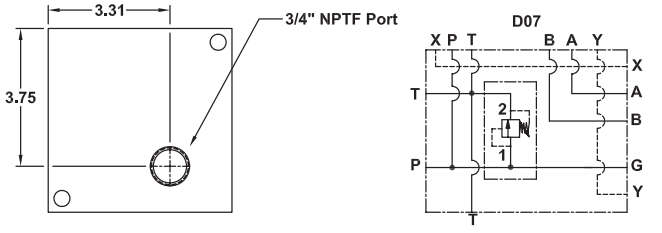
"SB" UNC Kit:
2 - 3/8"-16 x 3.50" SHCS
2 - plugs
"SB" Metric Kit:
2- M10-1.5 x 90 mm SHCS
2 - plugs

"ST" UNC Kit:
2 - 3/8"-16 x 3.50" SHCS
"ST" Metric Kit:
2- M10-1.5 x 90 mm SHCS

SPRP_07GSBSFUEE - BOTTOM VIEW



SPRP_07GSTSFUEE - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D07 Side Ported Subplate with SAE 12 Ports & T-3A Relief Example: **SPRPA07GSPSFUEE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

SPRP	Subplates with P to T Relief

A	Aluminum
D	Ductile Iron

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 3/4" NPTF "T" Port on Bottom only

07G	ISO 4401-07-06 NFPA T3.5.1-D07

U	UNC Std for SAE & NPT	D07 Valve	3/8"-16 UNC x 1.00" dp 1/4"-20 UNC x 0.75" dp
		Subplate	3/8"-16 UNC SHCS
M	Metric Std for BSP* & Metric	D07 Valve	M10 x 1.50 x 1.00" dp M6 x 1.00 x .75" dp
		Subplate	M10 x 1.50 SHCS

CODE	TYPE	P, T, A and B	X & Y	G
SF	SAE	12	6	6
NF	NPTF	3/4"	1/4"	1/4"
BF	BSPP	3/4"	1/4"	1/4"
TF	BSPT	3/4"	1/4"	1/4"
MF	METRIC	M27	M10	M10

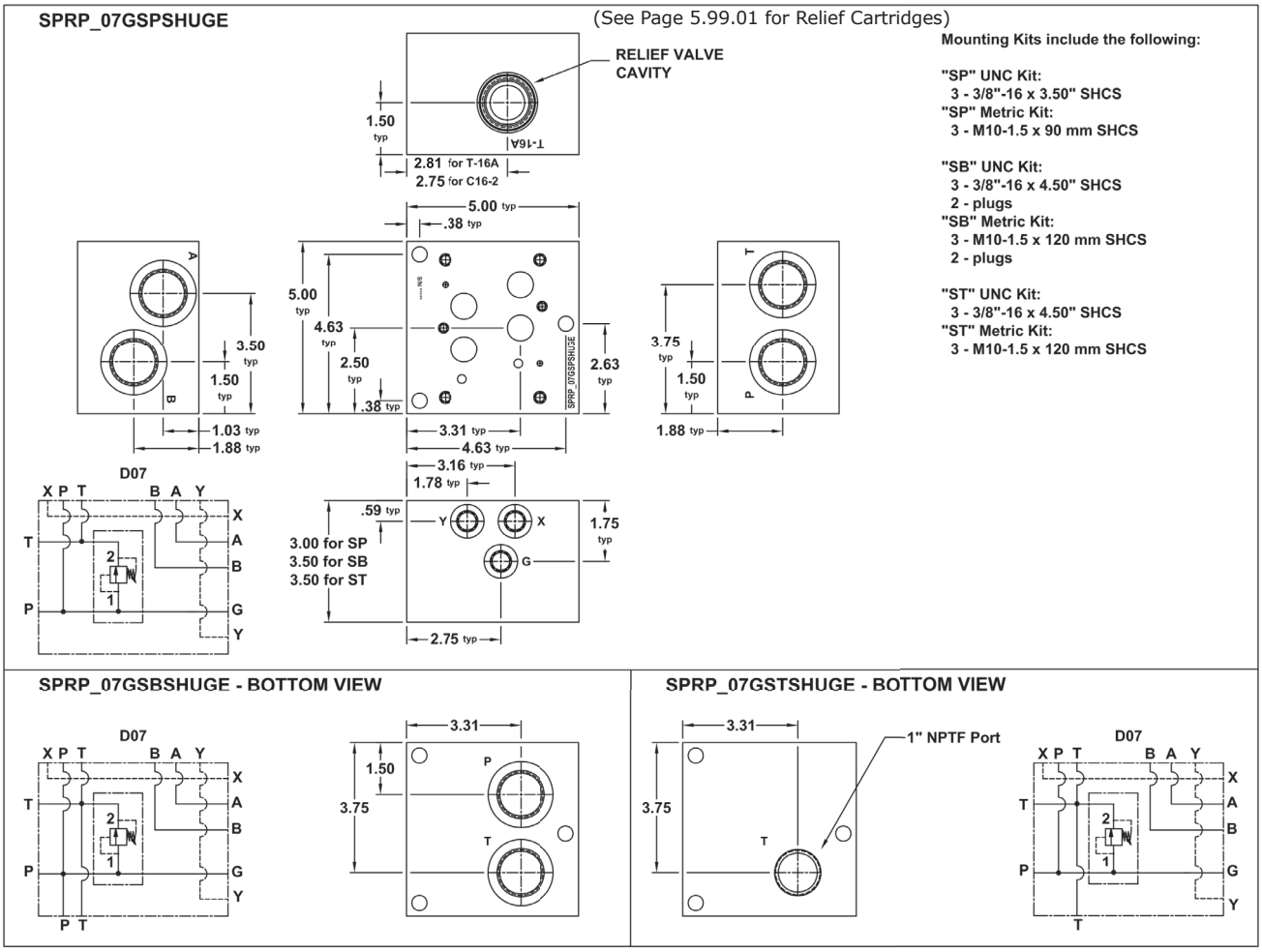
DE	Common C10-2
EE	Sun T-3A

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D07 Subplate With Relief - Nominal 1”

SPRP_07GSPSHUGE

(See Page 5.99.01 for Relief Cartridges)



Mounting Kits include the following:

"SP" UNC Kit:
3 - 3/8"-16 x 3.50" SHCS
"SP" Metric Kit:
3 - M10-1.5 x 90 mm SHCS

"SB" UNC Kit:
3 - 3/8"-16 x 4.50" SHCS
2 - plugs
"SB" Metric Kit:
3 - M10-1.5 x 120 mm SHCS
2 - plugs

"ST" UNC Kit:
3 - 3/8"-16 x 4.50" SHCS
"ST" Metric Kit:
3 - M10-1.5 x 120 mm SHCS

SPRP_07GSBSHUGE - BOTTOM VIEW

SPRP_07GSTSHUGE - BOTTOM VIEW

PART NUMBER SYSTEM

Aluminum D07 Side Ported Subplate with SAE 16 Ports & T-16A Relief Example: **SPRPA07GSPSHUGE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

TYPE

SPRP	Subplates with P to T Relief

MATERIAL

A	Aluminum
D	Ductile Iron

VALVE PATTERN

07G	ISO 4401-07-06 NFPA T3.5.1-D07

PORTING STYLE

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1" NPTF "T" Port on Bottom only

PORT CODE

CODE	TYPE	P, T, A and B	X & Y	G
SH	SAE	16	6	6
NH	NPTF	1"	1/4"	1/4"
BH	BSPP	1"	1/4"	1/4"
TH	BSPT	1"	1/4"	1/4"
MH	METRIC	M33	M10	M10

MOUNTING THREADS & KIT

U	UNC Std for SAE & NPT	D07 Valve	3/8"-16 UNC x 1.00" dp 1/4"-20 UNC x 0.75" dp
		Subplate	3/8"-16 UNC SHCS
M	Metric Std for BSP* & Metric	D07 Valve	M10 x 1.50 x 1.00" dp M6 x 1.00 x .75" dp
		Subplate	M10 x 1.50 SHCS

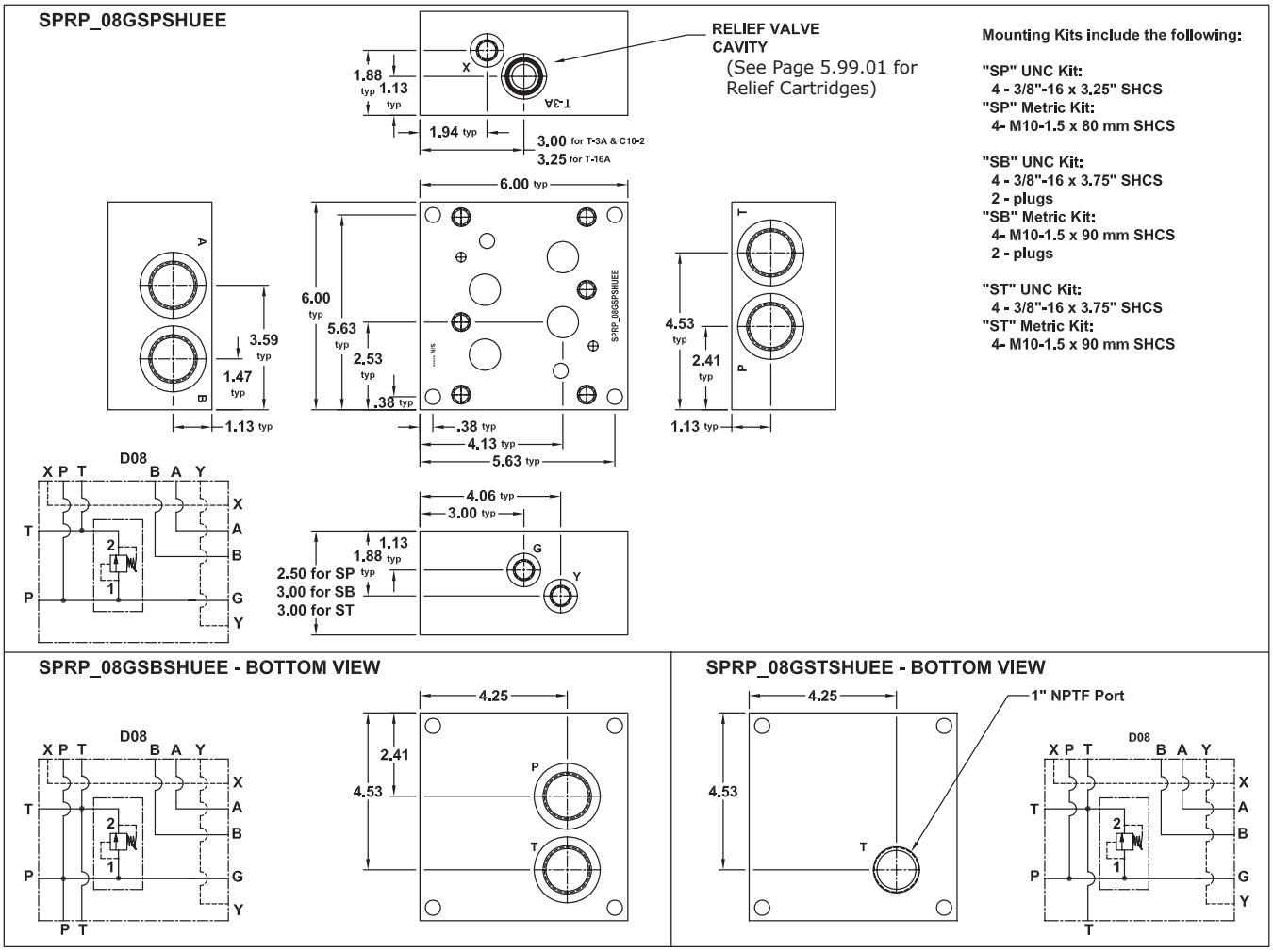
RELIEF CAVITY AND PILOT PORT OPTIONS

GE	Sun T-16A
HE	Common C16-2

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Lynch Manifolds & Valve Packs

D08 Subplate with Relief - Nominal 1”



PART NUMBER SYSTEM

Aluminum D08 Side Ported Subplate with SAE 16 Ports & T-3A Relief Example: **SPRPA08GSPSHUEE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

TYPE

SPRP	Subplates with P to T Relief

MATERIAL

A	Aluminum
D	Ductile Iron

VALVE PATTERN

08G	ISO 4401-08-07 NFPA T3.5.1-D08

PORTING STYLE

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1" NPTF "T" Port on Bottom only

PORT CODE

CODE	TYPE	P, T, A and B	X & Y	G
SH	SAE	16	6	6
NH	NPTF	1"	3/8"	1/4"
BH	BSPP	1"	3/8"	1/4"
TH	BSPT	1"	3/8"	1/4"
MH	METRIC	M33	M14	M10

MOUNTING THREADS & KIT

U	UNC Std for SAE & NPT	D08 Valve	1/2"-13 UNC x 1.25" dp
		Subplate	3/8"-16 SHCS
M	Metric Std for BSP* & Metric	D08 Valve	M12 x 1.75 x 1.25" dp
		Subplate	M10 x 1.50 SHCS

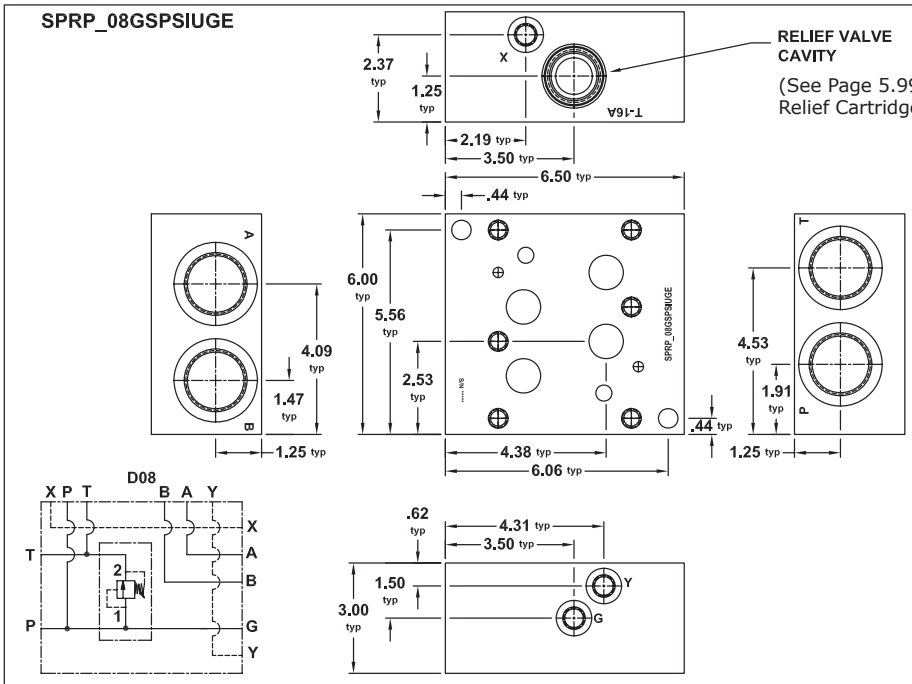
RELIEF CAVITY AND PILOT PORT OPTIONS

DE	Common C10-2
EE	Sun T-3A
GE	Sun T-16A

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D08 Subplate with Relief - Nominal 1-1/4”

SPRP_08GSPSIUGE



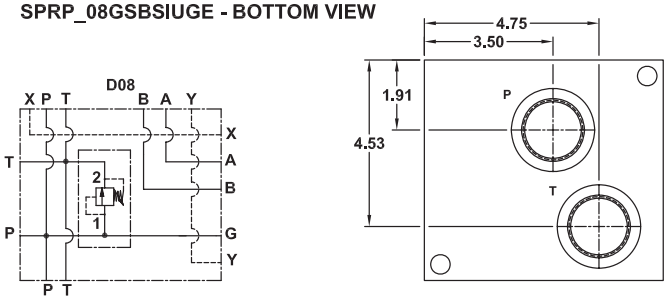
Mounting Kits include the following:

"SP" UNC Kit:
2 - 1/2"-13 x 4.00" SHCS
"SP" Metric Kit:
2- M12-1.75 x 100 mm SHCS

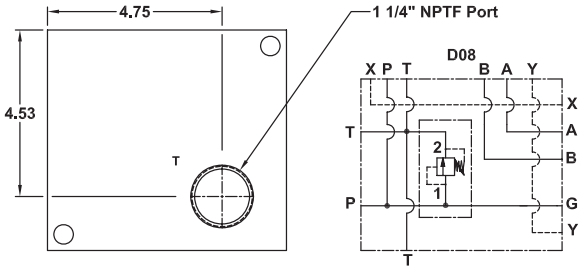
"SB" UNC Kit:
2 - 1/2"-13 x 4.00" SHCS
2 - plugs
"SB" Metric Kit:
2- M12-1.75 x 100 mm SHCS
2 - plugs

"ST" UNC Kit:
2 - 1/2"-13 x 4.00" SHCS
"ST" Metric Kit:
2- M12-1.75 x 100 mm SHCS

SPRP_08GSBSIUGE - BOTTOM VIEW



SPRP_08GSTSIUGE - BOTTOM VIEW



PART NUMBER SYSTEM

Aluminum D08 Side Ported Subplate with SAE 20 Ports & T-16A Relief Example: **SPRPA08GSPSIUGE**

TYPE	MATERIAL	VALVE PATTERN	PORTING STYLE	PORT CODE	MOUNTING THREADS & KIT	RELIEF CAVITY AND PILOT PORT OPTIONS

TYPE

SPRP	Subplates with P to T Relief

MATERIAL

A	Aluminum
D	Ductile Iron

VALVE PATTERN

08G	ISO 4401-08-07 NFPA T3.5.1-D08

PORTING STYLE

SB	Side Ported with Bottom P & T Ports
SP	Side Ported only
ST	Side Ported with 1 1/4" NPTF "T" Port on Bottom only

PORT CODE

CODE	TYPE	P, T, A and B	X & Y	G
SI	SAE	20	6	6
NI	NPTF	1 1/4"	3/8"	1/4"
BI	BSPP	1 1/4"	3/8"	1/4"
TI	BSPT	1 1/4"	3/8"	1/4"
MI	METRIC	M42	M14	M10

MOUNTING THREADS & KIT

U	UNC Std for SAE & NPT	D08 Valve	1/2"-13 UNC x 1.25" dp
		Subplate	1/2"-13 SHCS
M	Metric Std for BSP* & Metric	D08 Valve	M12 x 1.75 x 1.25" dp
		Subplate	M12 x 1.75 SHCS

RELIEF CAVITY AND PILOT PORT OPTIONS

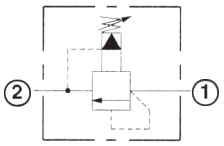
GE	Sun T-16A
HE	Common C16-2

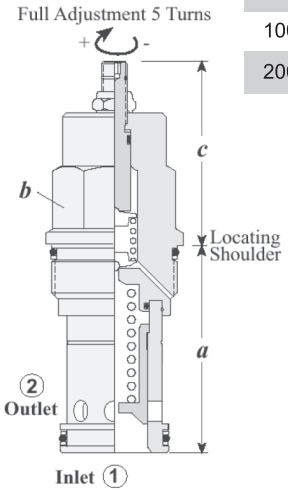
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Lynch
Manifolds & Valve Packs

Relief Valves

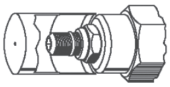
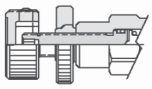
PILOT OPERATED RELIEF VALVES





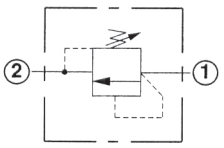
CAPACITY	MODEL CODE	CAVITY	CARTRIDGE DIMENSIONS a	b	c L	c C	c K	INSTALLATION TORQUE (lb/ft)
12 GPM	RPCC - LAN	T - 162A	1.22	3/4"	2.11	2.17	2.31	25/30
25 GPM	RPEC - LAN	T - 10A	1.56	7/8"	2.00	2.06	2.25	30/35
50 GPM	RPGC - LAN	T - 3A	1.88	1 1/8"	2.12	2.18	2.38	45/50
100 GPM	RPIC - LAN	T - 16A	2.44	1 1/4"	2.44	2.47	2.69	150/160
200 GPM	RPKC - LAN	T - 18A	3.13	1 5/8"	2.81	2.94	3.06	350/375

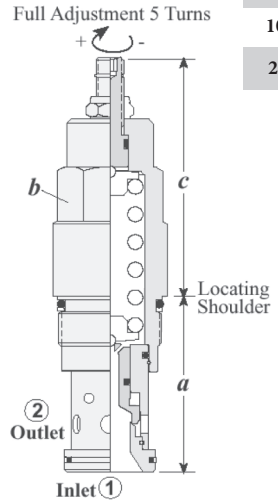
RP ★ C – ★ ★ ★

Nominal Capacity	*Control***	*Adjustment Range*	*Seal*
C 12 GPM*	L Standard Screw	A 100 - 3000 psi	N Buna - N
E 25 GPM	C Tamper Resistant	B 50 - 1500 psi	V Viton
G 50 GPM		C 150 - 6000 psi	
I 100 GPM		N 60 - 800 psi	
K 200 GPM		Q 60 - 400 psi	
	K Handknob	W 150 - 4500 psi	
			

Adjustment Range Options:
A, B, C, and W *are standard set at 1000 psi*
N Option *is standard set at 400 psi*
Q Option *is standard set at 200 psi*
** Minimum setting 75 psi on all ranges*
Customer may specify pressure setting.

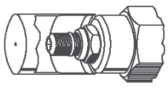
DIRECT ACTING RELIEF VALVES





CAPACITY	MODEL CODE	CAVITY	CARTRIDGE DIMENSIONS a	b	c L	c C	INSTALLATION TORQUE (lb/ft)
12 GPM	RDBA - LAN	T - 162A	1.22	3/4"	2.11	2.17	25/30
25 GPM	RDDA - LAN	T - 10A	1.56	7/8"	2.38	2.44	30/35
50 GPM	RDFA - LAN	T - 3A	1.88	1 1/8"	2.50	2.56	45/50
100 GPM	RDHA - LAN	T - 16A	2.44	1 1/4"	3.25	3.31	150/160
200GPM	RDJA - LAN	T - 18A	3.13	1 5/8"	3.94	4.07	350/375

RD ★ A – ★ ★ ★

Nominal Capacity	*Control***	*Adjustment Range*	*Seal*
B 12 GPM	L Standard Screw	A 500 - 3000 psi	N Buna - N
D 25 GPM	C Tamper Resistant	B 300 - 1500 psi	V Viton
F 50 GPM		C 1000 - 6000 psi	
H 100 GPM		D 200 - 800 psi	
J 200 GPM		E 100 - 400 psi	
		S 50 - 200 psi	
		W 1000 - 4500 psi	

U.S. Patent #4,742,846
European Patent Pending

Adjustment Range Options:
A, B, C, and W *are standard set at 1000 psi*
D Option *is standard set at 400 psi*
E Option *is standard set at 200 psi*
S Option *is standard set at 100 psi*
Customer may specify pressure setting.

Note: Sun's stainless steel passivated product line is growing.
If you are interested in a stainless option for a model which is not shown please contact Lynch Fluid Controls Inc.

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