ISO 05 / CETOP 5 WITH X AND Y RELIEF VALVES (SIDE PORTED SUBPLATE)

T-10A Cavity



All subplates shown below are 114,3 mm wide

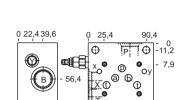
Function

PILOT OPERATED



Ports A, B, P, T	Ports X, Y	Assembly Model Code*
1/2" BSPP	1/4" BSPP	RPEC-LAN-ZHT
3/4" BSPP	1/4" BSPP	RPEC-LAN-ZHV

*Add modifier **/S** to order SG Iron for pressure rating over 210 bar.



Order Retainer and Seal Kits separately. (See page 141)

-103,1

DIRECT ACTING

P to T

Ports A, B, P, T	Ports X, Y	Assembly Model Code*
1/2" BSPP	1/4" BSPP	RDDA-LAN-ZHT
3/4" BSPP	1/4" BSPP	RDDA-LAN-ZHV

*Add modifier **/S** to order SG Iron for pressure rating over 210 bar.

NOTES: Page 2 for cartridge models RP*C-*** and RD*A-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

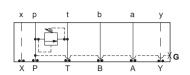
Go to www.sunhydraulics.com for more product information.

ISO 05 / CETOP 5 WITH X AND Y RELIEF VALVES

T-3A / T-10A Cavities

DIRECT ACTING

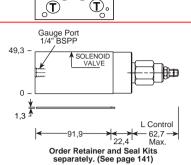
PILOT OPERATED



Assembly Model Code*

RPGC-LAN-CJP/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.



° Y

(T)

 \circ_{X}

P

(A) (B)

Function

shown below are 63,5 mm wide

All sandwich bodies

P to T (High Capacity)

Assembly Model Code*

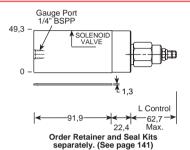
RDFA-LAN-CJP/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.

Assembly Model Code*

RPGC-LAN-CJA/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.



Function

A to T (High Capacity)

Assembly Model Code*

RDFA-LAN-CJA/M

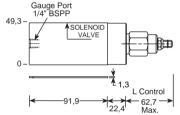
*Add modifier /**T** to order SG Iron for pressure rating over 210 bar.

G

Assembly Model Code*

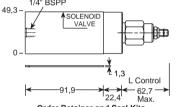
RPGC-LAN-CJB/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.



Function

B to T (High Capacity)



Order Retainer and Seal Kits separately. (See page 141)

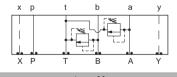
Assembly Model Code*

RDFA-LAN-CJB/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.

Function

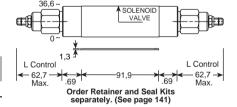
A and B to T (High Capacity)



Assembly Model Code*

RPGC-LAN-CJX

*Add modifier /S to order SG Iron for pressure rating



Assembly Model Code*

RDFA-LAN-CJX

*Add modifier /S to order SG Iron for pressure rating over 210 bar

В

Assembly Model Code* **RPEC-LAN-CJY**

*Add modifier /S to order SG Iron for pressure rating

62,0 L Control L Control 53,8 → Max. -53,8 → Max. Order Retainer and Seal Kits separately. (See page 141)

Function

 \mathbf{A} to \mathbf{B} and $\overline{\mathbf{B}}$ to $\overline{\mathbf{A}}$ (Cross-port)

Assembly Model Code*

RDDA-LAN-CJY

*Add modifier /S to order SG Iron for pressure rating

over 210 bar.

Page 2 for cartridge models RP*C-*** and RD*A-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

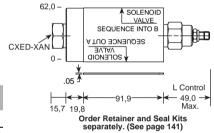
Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available

ISO 05 / CETOP 5 WITH X AND Y SEQUENCE VALVES

○x (P) (A) (B) **T-2A Cavity** All sandwich bodies ° Y shown below are 63,5 mm wide **PILOT OPERATED** T_o **DIRECT ACTING** $(\mathbf{T})_{i}$ Function In to P 62,0 1,3 Assembly Model Code* Assembly Model Code* L Control -52,3 ->||< Max. 4,8 RSFC-LAN-BJW/M SXEA-LAN-BJW/M Order Retainer and Seal Kits separately. (See page 141) *Add modifier /T to order SG Iron for pressure rating *Add modifier /T to order SG Iron for pressure rating Function CXED-XAN 62,0 SOLENOID In to A (Reverse Free Flow Check) VALVE SEQUENCE INTO A Out of **B** (Reverse Free Flow Check) . SEQUENCE OUT B N∀ΓΛE SOFENOID L Control Assembly Model Code* Assembly Model Code* · 49,0 → Max. 19,8 15,7 **RSFC-LAN-BJ4** Order Retainer and Seal Kits separately. (See page 141) **SXEA-LAN-BJ4** *Add modifier /S to order SG Iron for pressure rating *Add modifier /\$ to order SG Iron for pressure rating over 210 bar. over 210 bar **Function** 62.0 SOLENOID In to B (Reverse Free Flow Check) SEQUENCE INTO B Out of A (Reverse Free Flow Check) **ЗЕQUENCE OUT A** CXED-XAN 0 – .05 Assembly Model Code* Assembly Model Code* 49,0 → Max. 15,7 19,8 **RSFC-LAN-BJ5** SXEA-LAN-BJ5

*Add modifier /S to order SG Iron for pressure rating over 210 bar.



*Add modifier /S to order SG Iron for pressure rating over 210 bar.

NOTES: Page 20 for cartridge models RS*C-*** and SX*A-*** show performance curves, technical tips, and options. See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits. Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

Go to www.sunhydraulics.com for more product information.

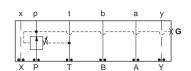
ISO 05 / CETOP 5 WITH X AND Y REDUCING VALVES

T-2A Cavity



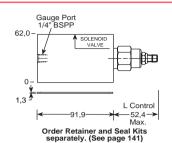
All sandwich bodies shown below are 63,5 mm wide

PILOT OPERATED



Assembly Model Code*

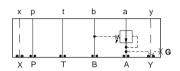
*Add modifier /T to order SG Iron for pressure rating



Function

On P Drained to T

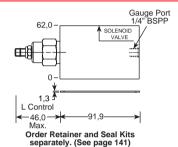
PBFB-LAN-BJP/M



Assembly Model Code*

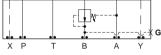
PBFB-LAN-BJA/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.



Function

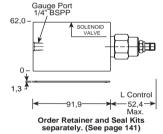
On A Drained to B



Assembly Model Code*

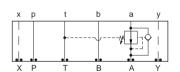
PBFB-LAN-BJB/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.



Function

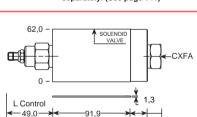
On B Drained to A



Assembly Model Code*

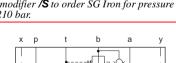
PBFB-LAN-BJ2

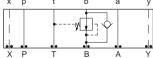
*Add modifier /S to order SG Iron for pressure rating over 210 bar



Function

On A Drain to T (Reverse Free Flow Check)

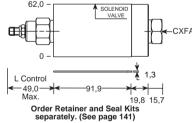




Assembly Model Code*

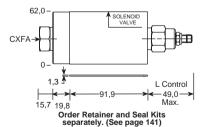
PBFB-LAN-BJ3

*Add modifier /S to order SG Iron for pressure rating over 210 bar.



Function

On B Drain to T (Reverse Free Flow Check)



Page 34 for cartridge models PB*B-*** and page 102 for CX*A-*** show performance curves, technical tips, and options. See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

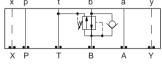
Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142

Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available.

ISO 05 / CETOP 5 WITH X AND Y REDUCING / RELIEVING VALVES

T-2A Cavity All sandwich bodies ° Y P shown below are 63,5 mm wide (A) (B) **PILOT OPERATED** (T) **DIRECT ACTING** $(\mathbf{T})_{i}$ Function Gauge Port 1/4" BSPP On P Tank to T Drained to T Assembly Model Code* Assembly Model Code* L Control -52,4 -Max. **PPFB-LAN-BJP/M** PRFB-LAN-BJP/M Order Retainer and Seal Kits separately. (See page 141) *Add modifier /T to order SG Iron for pressure rating *Add modifier /T to order SG Iron for pressure rating over 210 bar. over 210 bar Function On A Tank to B 1,3 A -46,0 → Max. PPFB-LAN-BJA/M PRFB-LAN-BJA/M Order Retainer and Seal Kits separately. (See page 141) *Add modifier /T to order SG Iron for pressure rating *Add modifier /T to order SG Iron for pressure rating over 210 bar. over 210 bar **Function** Gauge Port 1/4" BSPP On B Tank to A 62.0 -52,4 → Max. PPFB-LAN-BJB/M PRFB-LAN-BJB/M Order Retainer and Seal Kits separately. (See page 141) *Add modifier /T to order SG Iron for pressure rating *Add modifier /T to order SG Iron for pressure rating over 210 bar. over 210 bar. Function 62.0 On A Tank to T (Reverse Free Flow Check) CXFA Assembly Model Code* Assembly Model Code* L Control -49,0 — Max. PPFB-LAN-BJ2 19.8 15.7 PRFB-LAN-BJ2 Order Retainer and Seal Kits separately. (See page 141) *Add modifier /S to order SG Iron for pressure rating *Add modifier /S to order SG Iron for pressure rating Function 62,0 On B Tank to T (Reverse Free Flow Check)

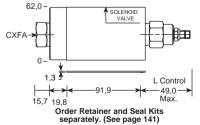


Assembly Model Code*

UK Selected Assemblies Catalogue #999-901-191

PPFB-LAN-BJ3

*Add modifier **/S** to order SG Iron for pressure rating over 210 bar.



Assembly Model Code*

PRFB-LAN-BJ3

*Add modifier **/S** to order SG Iron for pressure rating over 210 bar.

NOTES: Page 34 for cartridge models PPFB-*** and PRFB-***, and page 102 for C*FA-*** show performance curves, technical tips, and options. See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available

ISO 05 / CETOP 5 WITH X AND Y COUNTERBALANCE VALVES

T-2A Cavity



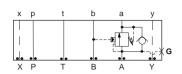
All sandwich bodies shown below are 63,5 mm wide

Function

PILOT RATIOS 2.3:1. 4.5:1 and 10:1

On A Pilot from B

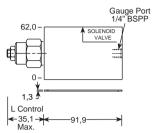
PILOT RATIOS 1.5:1 and 2:1



Assembly Model Code*

CBE*-LHN-BJA/M

*The 4th digit of the Model Code must be entered to specify counterbalance pilot ratio. Add modifier /**T** to order SG Iron for pressure rating over 210 bar.



Order Retainer and Seal Kits separately. (See page 141)

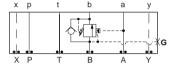
Assembly Model Code*

CBE*-LJN-BJA/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar.

Function

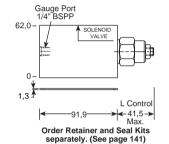
On B Pilot from A



Assembly Model Code*

CBE*-LHN-BJB/M

*The 4th digit of the Model Code must be entered to specify counterbalance pilot ratio. Add modifier /T to order SG Iron for pressure rating over 210 bar.



Assembly Model Code*

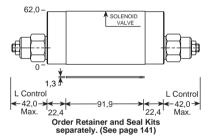
CBE*-LJN-BJB/M

*Add modifier /T to order SG Iron for pressure rating

Assembly Model Code*

CBE*-LHN-BJY

*The 4th digit of the Model Code must be entered to specify counterbalance pilot ratio. Add modifier /S to order SG Iron for pressure rating over 210 bar.

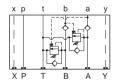


Function

On A and B (Cross-Piloted)

Assembly Model Code* **CBE*-LJN-BJY**

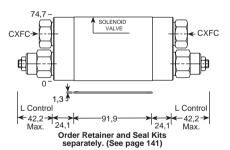
*Add modifier /S to order SG Iron for pressure rating over 210 bar



Assembly Model Code*

CBE*-LHN-BJ8

*The 4th digit of the Model Code must be entered to specify counterbalance pilot ratio. Add modifier /S to order SG Iron for pressure rating over 210 bar.



Function

Cushion Lock Circuit On A and B

Assembly Model Code*

CBE*-LJN-BJ8

*Add modifier **/\$** to order SG Iron for pressure rating

NOTES: Page 50 for cartridge model CBE*-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available

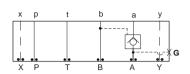
ISO 05 / CETOP 5 WITH X AND Y PILOT-TO-OPEN CHECK VALVES

T-2A Cavity



All sandwich bodies shown below are 63,5 mm wide

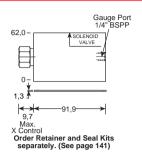
PILOT OPERATED



Assembly Model Code*

CKEB-XCN-BJA/M

*Add modifier /T to order SG Iron for pressure rating



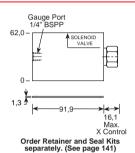
Function

On A Pilot from B

Assembly Model Code*

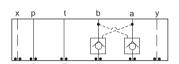
CKEB-XCN-BJB/M

*Add modifier /T to order SG Iron for pressure rating over 210 bar



Function

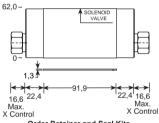
On B Pilot from A



Assembly Model Code*

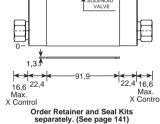
CKEB-XCN-BJY

*Add modifier /S to order SG Iron for pressure rating over 210 bar.



Function

On **A** and **B** (Cross-Piloted)



NOTES: Page 78 for cartridge models CK**-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142. Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available.

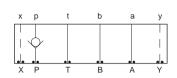
ISO 05 / CETOP 5 WITH X AND Y CHECK VALVES

T-5A Cavity



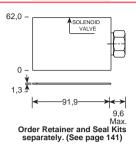
All sandwich bodies shown below are 63,5 mm wide

CHECK VALVES



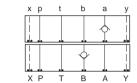
CXFA-XCN-DJP

*Add modifier /S to order SG Iron for pressure rating



Function

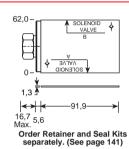
On P



Assembly Model Code*

CXFA-XCN-DJK

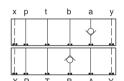
*Add modifier /S to order SG Iron for pressure rating over 210 bar.



Function

On A Free Flow Out of Valve

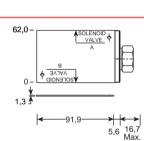
On **B** Free Flow Into Valve



Assembly Model Code*

CXFA-XCN-DJJ

*Add modifier /S to order SG Iron for pressure rating over 210 bar.

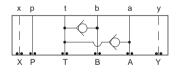


Order Retainer and Seal Kits separately. (See page 141)

Function

On A Free Flow Into Valve

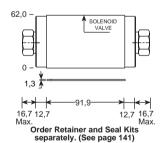
On B Free Flow Out of Valve



Assembly Model Code*

CXFA-XAN-DJW

*Add modifier /S to order SG Iron for pressure rating over 210 bar.



Function

T to A and B

NOTES: Page 102 for cartridge models CX*A-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

Go to www.sunhydraulics.com for more product information. Model Codes printed in red are Preferred Products and are readily available

ISO 05 / CETOP 5 WITH X AND Y FLOW CONTROL VALVES

T-5A Cavity All sandwich bodies ° Y \circ_{X} P shown below are 63,5 mm wide (A) (B) FULLY ADJUSTABLE PRESSURE **FULLY ADJUSTABLE NEEDLE** (T) $(\mathbf{T})_{i}$ COMPENSATED WITH FREE FLOW CHECK Function 62,0 SOLENOID VALVE Meter-In P В Note: Free Flow Check with Model FDCB Only 1,3 L Control Assembly Model Code* Assembly Model Code* 58,7 Max. **NFDC-LAN-DJP** Order Retainer and Seal Kits separately. (See page 141) **FDCB-LAN-DJP** *Add modifier /S to order SG Iron for pressure rating *Add modifier /S to order SG Iron for pressure rating over 210 bar over 210 bar. ULLY ADJUSTABLE NEEDLE WITH FREE FLOW CHECK Function 62,0 Meter-Out A SOLENOID VALVE Meter-In B 8 ИІ-ЯЭТЭМ VALVE 0 В Α L Control -61,2· Max. Assembly Model Code* Assembly Model Code* Order Retainer and Seal Kits separately. (See page 141) NCEB-LCN-DJA FDCB-LAN-DJA *Add modifier /S to order SG Iron for pressure rating *Add modifier /S to order SG Iron for pressure rating over 210 bar. Function 62,0 SOLENOID VALVE Meter-In A METER-OUT B Meter-Out B A NI-ABTBM OLENOID В Α 1.3 L Control Assembly Model Code* Assembly Model Code* -61,2 Max. Max. 5,6 Order Retainer and Seal Kits separately. (See page 141) **NCEB-LCN-DJB** FDCB-LAN-DJB *Add modifier /\$ to order SG Iron for pressure rating *Add modifier /\$ to order SG Iron for pressure rating over 210 bar Function Meter-In A and B Meter-Out A and B 8-<u>А ИІ-ЯЭТЭ</u>М AALVE SOLENOID 1.3 L Control L Control Assembly Model Code* Assembly Model Code* 61,2 Max. -61,2 Max. NCEB-LCN-DJY **FDCB-LAN-DJY** Order Retainer and Seal Kits separately. (See page 141) *Add modifier /\$ to order SG Iron for pressure rating *Add modifier /\$ to order SG Iron for pressure rating

NOTES: Page 110 for cartridge models NF*C-*** and NC*B-***, and page 126 for FD**_*** show performance curves, technical tips, and options. See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142.

Go to www.sunhydraulics.com for more product information.

Model Codes printed in red are Preferred Products and are readily available

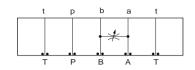
over 210 bar.

Sandwich Assemblies

ISO 05 / CETOP 5 WITH X AND Y FLOW CONTROL VALVES

T-13A Cavity P (A) (B)

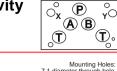
FULLY ADJUSTABLE NEEDLE

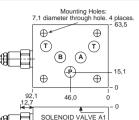


Assembly Model Code*

NFCC-LCN-DJS

*Add modifier /\$ to order SG Iron for pressure rating over 210 bar.





SOLENOID VALVE B1 Order Retainer and Seal Kits separately. (See page 141)

Function

Meter A to B and B to A

NOTES: Page 110 for cartridge model NF*C-*** show performance curves, technical tips, and options.

See page 140 for technical information about sandwich bodies including ISO interface patterns, mounting instructions, studrods, and studkits.

Sun ISO 05 X, Y, sandwich bodies are furnished with pilot and drain connections. Seal plates are NOT supplied with these bodies, due to the differences in the European and U.S. seal plates. To order seal plates separately see page 141-142. Go to www.sunhydraulics.com for more product information.

