

Parker Series UR06M US06M 2-Way Slip-In Cartridge Valves Service Manual

Catalog HY14-3200/US

Technical Information

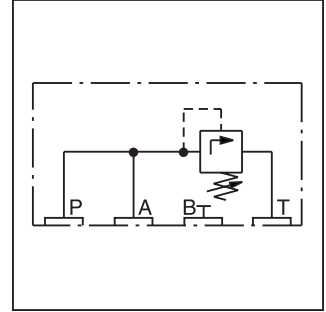
Pilot Valve with Pressure Relief

Function R06M

Subplate Mounting NG6

(see Combination Examples)

MTTF_D value 150 years



Ordering Information

R06M



Pressure
Range

Code	Description
10	105 Bar (1523 PSI)
17	175 Bar (2538 PSI)
21	210 Bar (3045 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)



Pressure
Adjustment

Code	Description
S	Hand knob (standard)
L	Key lock



Pilot
Oil

Code	Description
N	Nitrile
V	Fluorocarbon



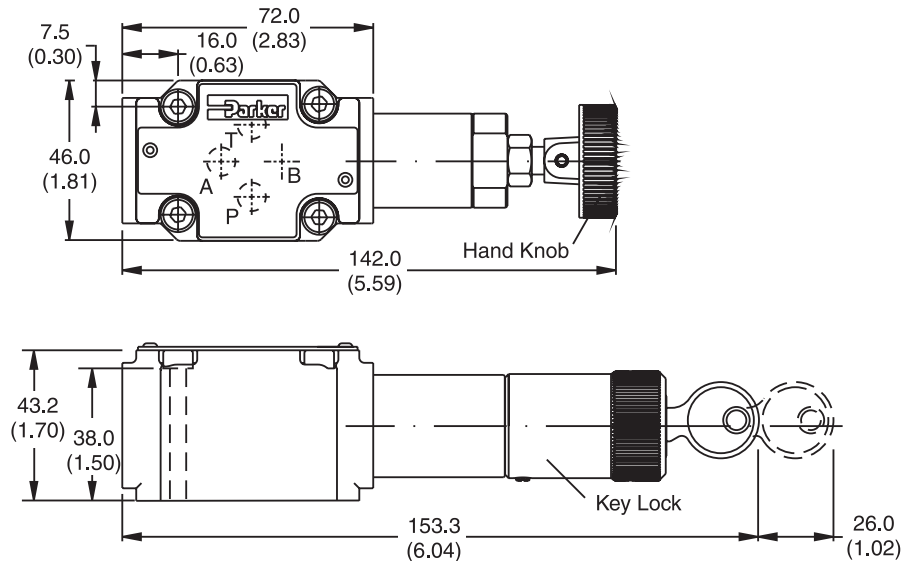
Seal



Design
Series

NOTE:
Not required
when ordering.

Dimensions R06M



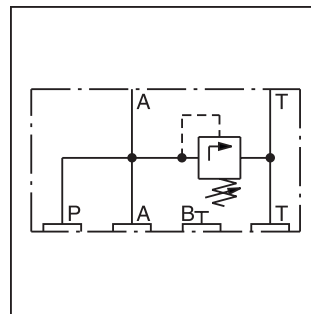
Replaces DSDA (P07)

**Pilot Valve with Pressure Relief
Function RS06M**

Sandwich Plate Mounting NG6

(see Combination Examples)

MTTF_D value 150 years



Ordering Information

RS06M

Pressure Range

Code	Description
10	105 Bar (1523 PSI)
17	175 Bar (2538 PSI)
21	210 Bar (3045 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)

Pressure Adjustment

Code	Description
S	Hand knob (standard)
L	Key lock

4

Pilot Oil

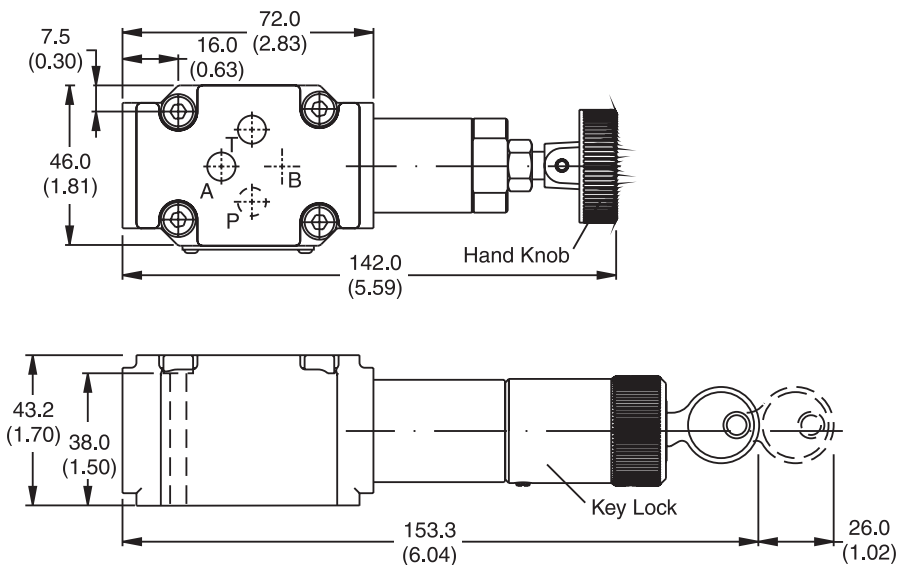
Seal

Code	Description
N	Nitrile
V	Fluorocarbon

Design Series

NOTE:
Not required when ordering.

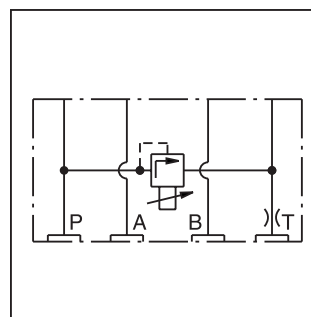
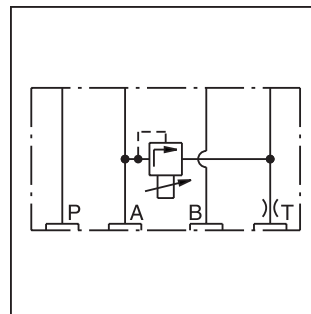
Dimensions RS06M



Replaces DSDA (Z07)

MTTF_D value 150 years

* For technical details see Series RE06M*W.



Ordering Information

RPDM

2
Pressure Adjustment

Pressure Relief

Pressure Range

Solenoid Voltage

V
Seal Fluorocarbon

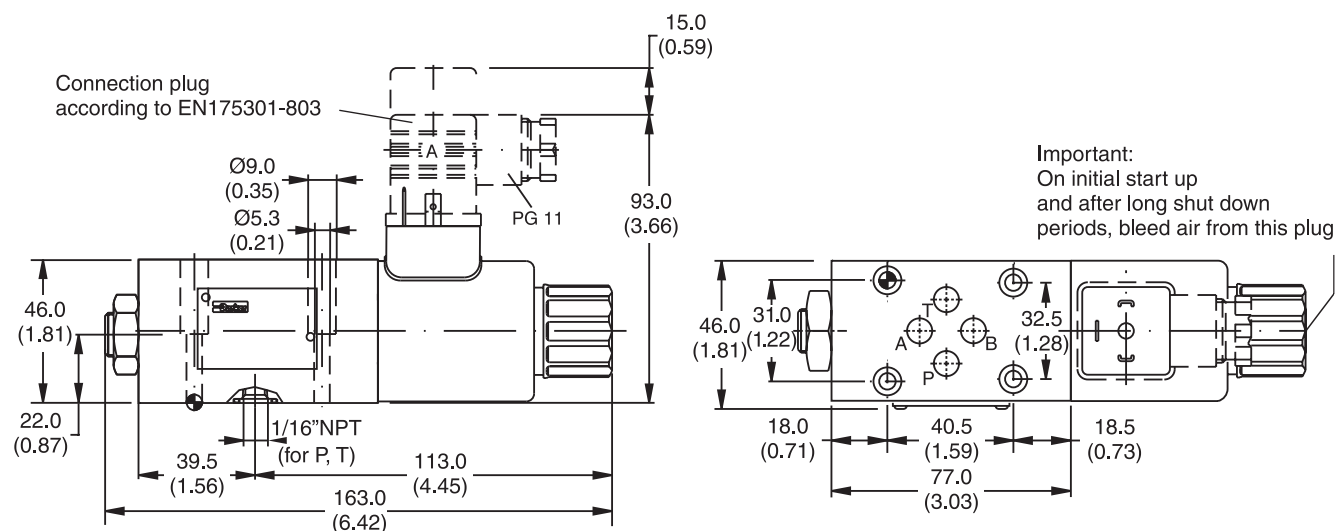
Design Series
NOTE: Not required when ordering.

Code	Description
AT	A to T
PT	P to T

Code	Description
10	105 Bar (1523 PSI)
17	175 Bar (2538 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)

Code	Description
K	12V, 2.3A
X	16V, 1.3A

Dimensions RPDM2



Sandwich Valve with Pressure Relief

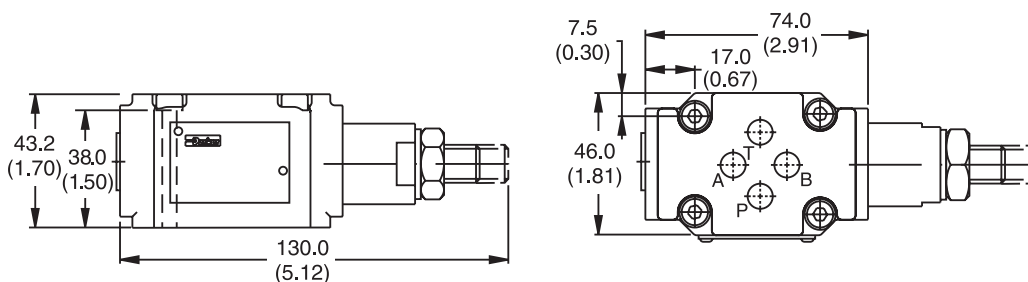
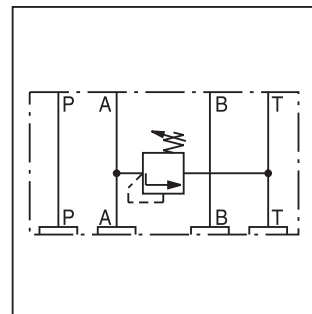
Function ZUD*AT*Z*

Sandwich Plate Mounting NG6

(see Combination Examples)

MTTF_D value 150 years

☐	Seal	☐	Pressure Adjustment	☐	Pressure Range
☐	ZUDB1AT	☐	Z07	☐	
Code	Description	Code	Description	Code	Description
Omit	Nitrile	2	Hexagon Screw with Locknut	B	70 Bar (1015 PSI)
V	Fluorocarbon	61	Knob E10 Lock	E	175 Bar (2538 PSI)
				G	250 Bar (3625 PSI)
				K	350 Bar (5075 PSI)



Sandwich Valve with Pressure Relief

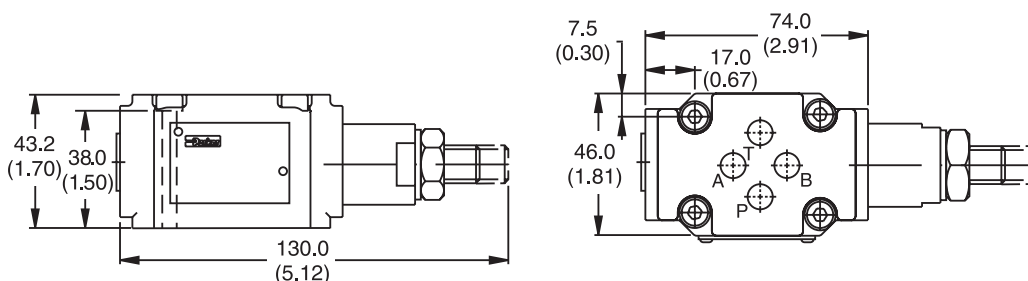
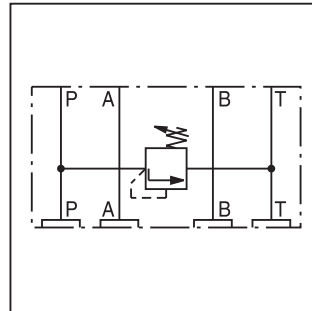
Function ZUD*PT*Z*

Sandwich Plate Mounting NG6

(see Combination Examples)

MTTF_D value 150 years

☐	Seal	☐	Pressure Adjustment	☐	Pressure Range
☐	ZUDB1PT	☐	Z07	☐	
Code	Description	Code	Description	Code	Description
Omit	Nitrile	2	Hexagon Screw with Locknut	B	70 Bar (1015 PSI)
V	Fluorocarbon	61	Knob E10 Lock	E	175 Bar (2538 PSI)
				G	250 Bar (3625 PSI)
				K	350 Bar (5075 PSI)



Pilot Valve with Preload Function DSB*P*
Subplate Mounting NG6
(see Combination Examples)
MTTF_D value 150 years

Seal

DSBA100

Pressure Adjustment

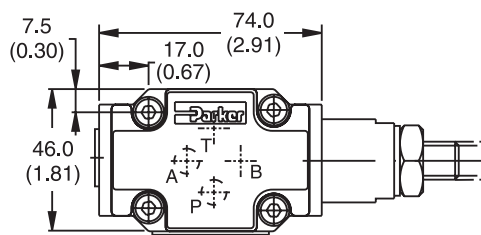
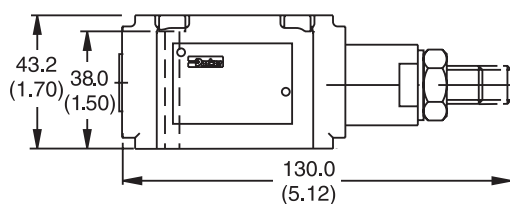
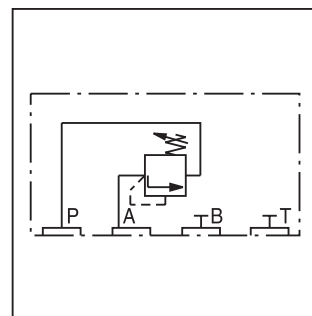
P07

Pressure Range

Code	Description
Omit	Nitrile
V	Fluorocarbon

Code	Description
2	Hexagon Screw with Locknut
61	Knob E10 Lock

Code	Description
B	70 Bar (1015 PSI)
E	175 Bar (2538 PSI)
G	250 Bar (3625 PSI)
K	350 Bar (5075 PSI)



Pilot Valve with Preload Function DSB*Z*
Sandwich Plate Mounting NG6
(see Combination Examples)
MTTF_D value 150 years

Seal

DSBA100

Pressure Adjustment

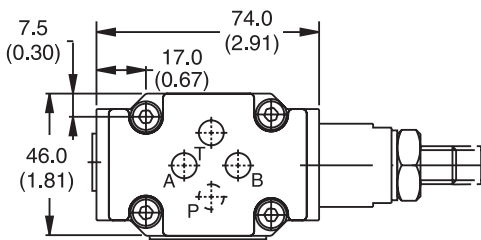
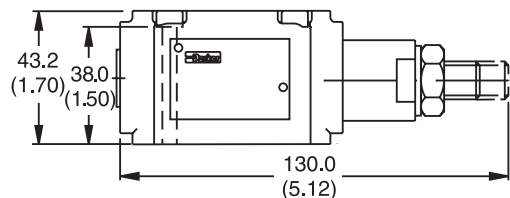
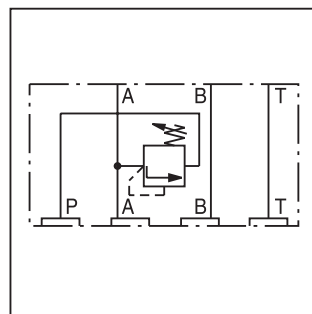
Z07

Pressure Range

Code	Description
Omit	Nitrile
V	Fluorocarbon

Code	Description
2	Hexagon Screw with Locknut
61	Knob E10 Lock

Code	Description
B	70 Bar (1015 PSI)
E	175 Bar (2538 PSI)
G	250 Bar (3625 PSI)
K	350 Bar (5075 PSI)



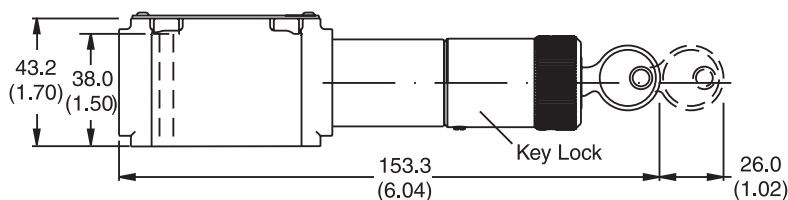
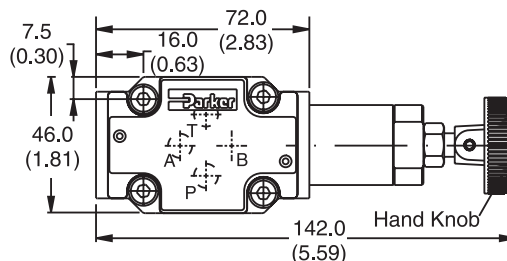
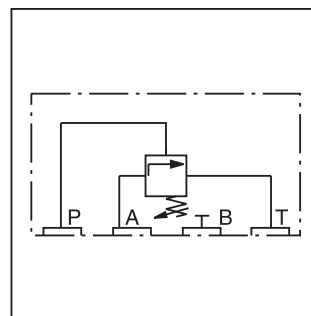
Pilot Valve with Unloading Function UR06M
Subplate Mounting NG6
(see Combination Examples)
MTTF_D value 150 years

UR	06	M			4	
			Pressure Range	Pressure Adjustment	Pilot Oil Drain Internal	Seal

Code	Description
07	70 Bar (1015 PSI)
17	175 Bar (2538 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)

Code	Description
S	Hand knob
L	Key lock

Code	Description
N	Nitrile
V	Fluorocarbon



Replaces DAFA (P07)

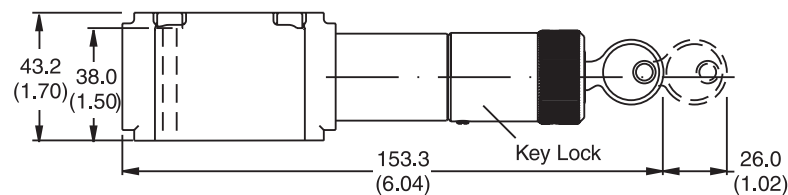
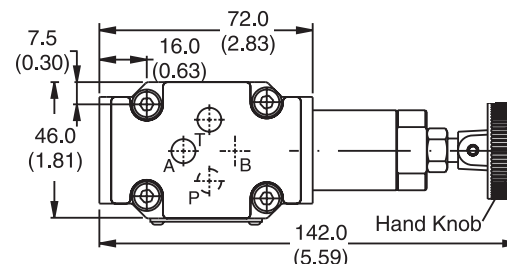
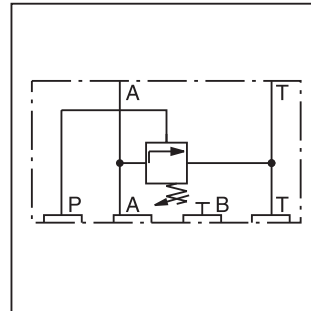
Pilot Valve with Unloading Function US06M
Subplate Mounting NG6
(see Combination Examples)
MTTF_D value 150 years

US	06	M			4	
			Pressure Range	Pressure Adjustment	Pilot Oil Drain Internal	Seal

Code	Description
07	70 Bar (1015 PSI)
17	175 Bar (2538 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)

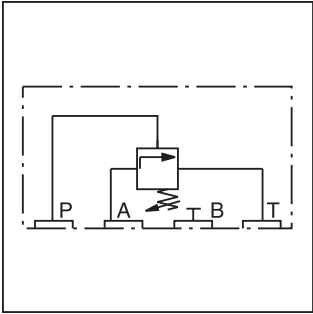
Code	Description
S	Hand knob
L	Key lock

Code	Description
N	Nitrile
V	Fluorocarbon



Replaces DAFA (Z07)

**Pilot Valve with Pressure Sequence
Function S06M
Subplate Mounting NG6
(see Combination Examples)
MTTF_D value 150 years**



Ordering Information

S06M

Pressure Range

Code	Description
10	105 Bar (1523 PSI)
17	175 Bar (2538 PSI)
21	210 Bar (3045 PSI)
25	250 Bar (3625 PSI)
35	350 Bar (5075 PSI)

Pressure Adjustment

Code	Description
S	Hand knob (standard)
L	Key lock

4

Pilot Oil Inlet Internal/
Outlet Internal

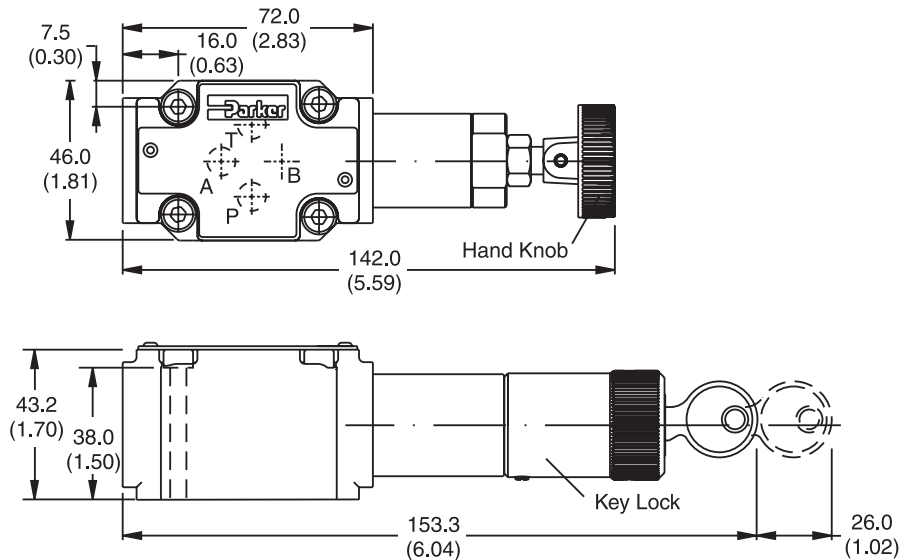
Seal

Code	Description
N	Nitrile
V	Fluorocarbon

Design Series

NOTE:
Not required when ordering.

Dimensions S06M



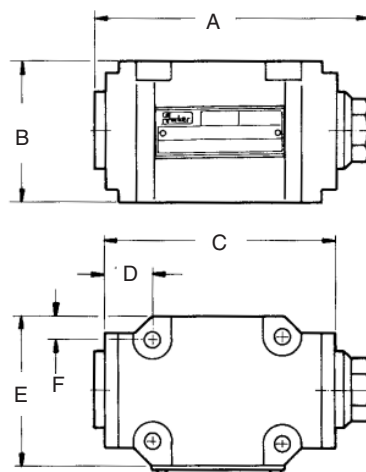
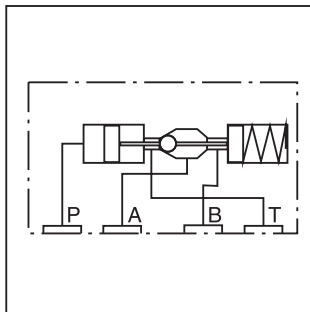
Replaces DNLA

Check Valve Hydraulically Pilot Operated NG6

Size NG6 with pilot control for subplate assembly

Ordering Information

SVLA1006P07



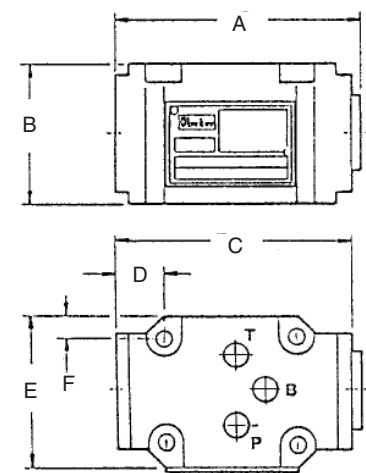
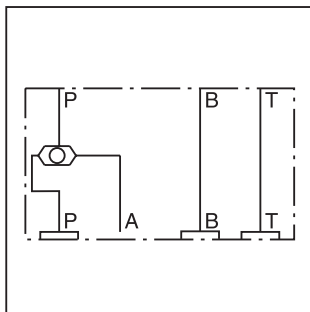
Dimension	A	B	C	D	E	F
mm	92.0	43.2	74.0	17.0	46.0	7.5
(in.)	(3.62)	(1.70)	(2.91)	(0.67)	(1.81)	(0.30)

Shuttle Valve Sandwich Plate NG6

Size NG6 with pilot control for subplate assembly

Ordering Information

ZSRA1PP0Z07



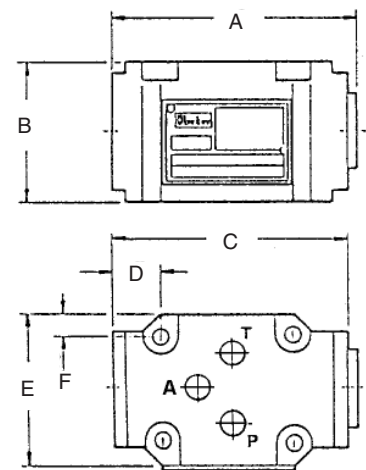
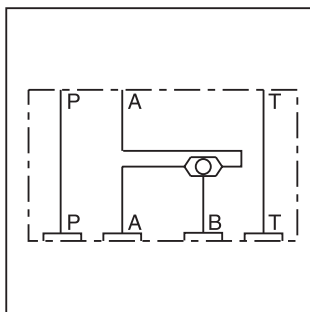
Dimension	A	B	C	D	E	F
mm	80.0	43.2	74.0	17.0	46.0	7.5
(in.)	(3.15)	(1.70)	(2.91)	(0.67)	(1.81)	(0.30)

Shuttle Valve Sandwich Plate NG6

Size NG6 with pilot control for subplate assembly

Ordering Information

ZSRB1AA0Z07



Dimension	A	B	C	D	E	F
mm	80.0	43.2	74.0	17.0	46.0	7.5
(in.)	(3.15)	(1.70)	(2.91)	(0.67)	(1.81)	(0.30)

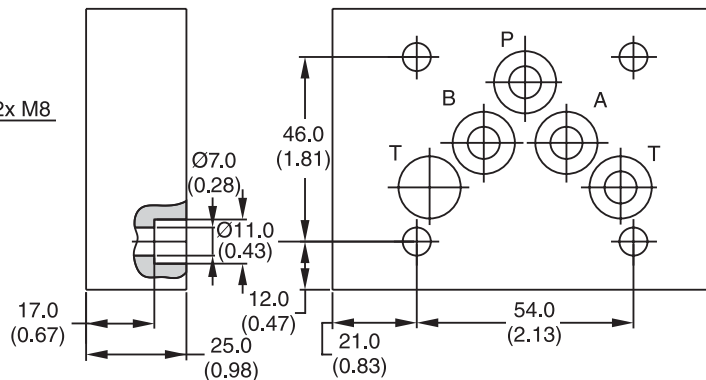
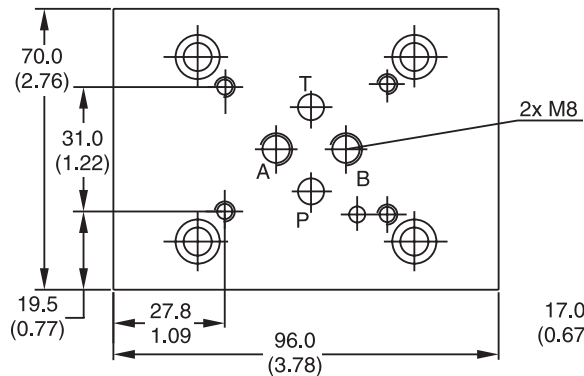
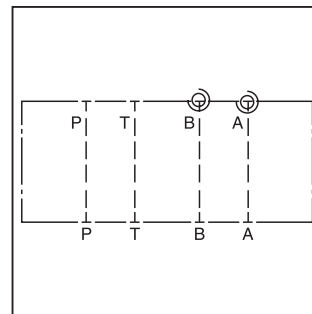
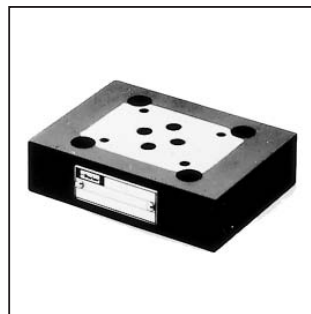
Accessories.indd, ddp

Adapter Plate

Size NG6 to NG10

Ordering Information

PADA1007/A-A/B-B

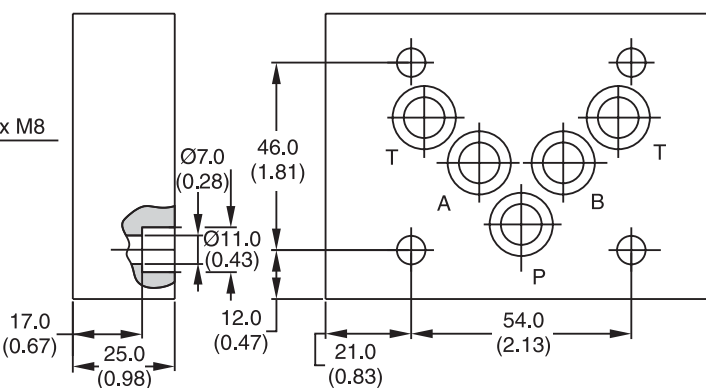
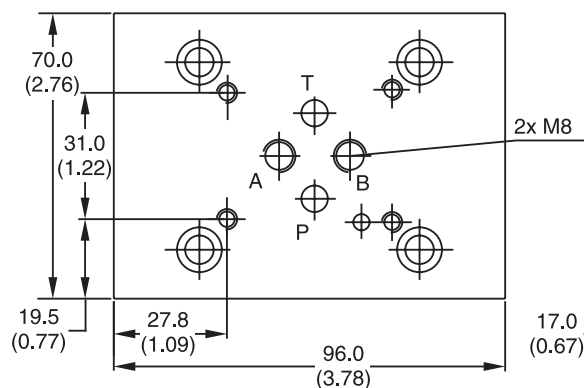
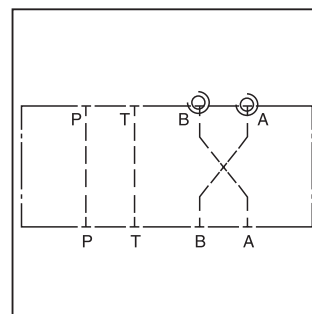


Adapter Plate

Size NG6 to NG10

Ordering Information

PADA1007/A-B/B-A



Attention:

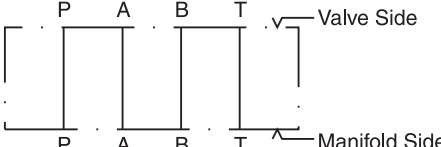
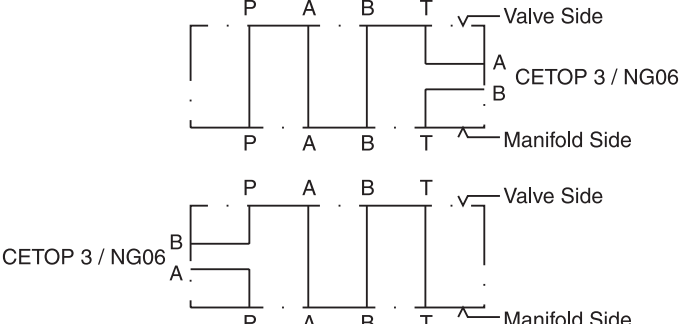
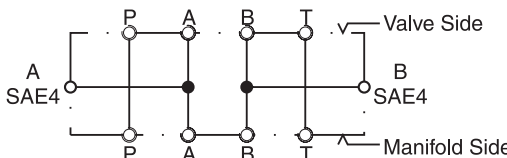
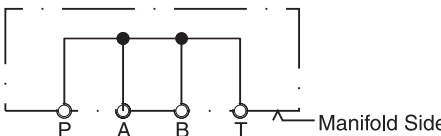
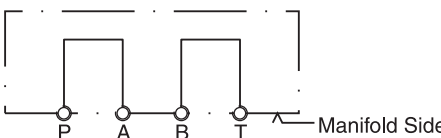
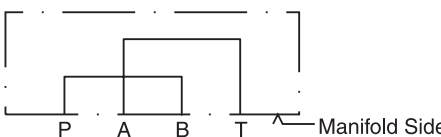
For NG50 and larger: If pilot system NG06 is used, mount adapter plate PADA 1007/A-B/B-A or PADA 1007/A-A/B-B (NG10 to NG6) on cover.

Adapter Plate: PADA 1007/A-B/B-A or PADA 1007/A-A/B-B

Sealing Kit: SK-PADA 1007

Bolt Kit: BK136

Symbol	Type	Size	Height
	PADA 1007/A-A/B-B	NG10-NG6	25.0mm (0.98 in.)
	PADA 1007/A-B/B-A	NG10-NG6	25.0mm (0.98 in.)
	H06-1044	NG6	30.0mm (1.18 in.)
	H06-1039	NG6	30.0mm (1.18 in.)
	H06-504	NG6	30.0mm (1.18 in.)
	H06-711	NG6	30.0mm (1.18 in.)
	H06-1274	NG6	30.0mm (1.18 in.)
	H06-1040	NG6	30.0mm (1.18 in.)

Symbol	Type	Size	Height
	H06DO-1291	NG6	10.0mm (0.39 in.)
	H06DU-814	NG6	71.3mm (2.81 in.)
	SPD2T2SWS35	NG6	25.4mm (1.00 in.)
	CS06082N	NG6	40.3mm (1.59 in.)
	SPD2A1*NS35	NG6	19.1mm (0.75 in.)
	D51VP071D	NG6	26.3mm (1.04 in.)
	SPD2C1*NS35 SPD3C1*NS35	NG6 NG10	19.1mm (0.75 in.) 19.1mm (0.75 in.)