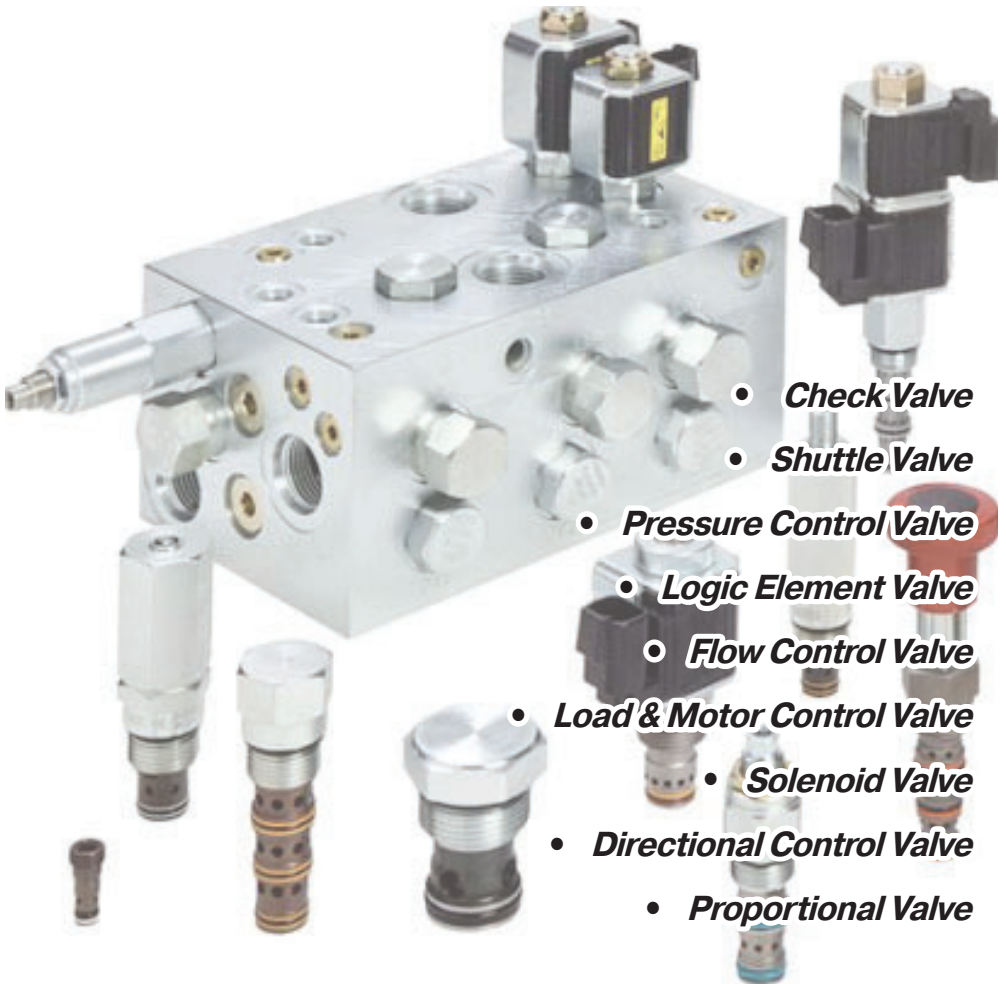
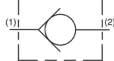


# PARKER CARTRIDGE PRODUCTS

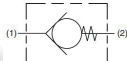


- *Check Valve*
- *Shuttle Valve*
- *Pressure Control Valve*
- *Logic Element Valve*
- *Flow Control Valve*
- *Load & Motor Control Valve*
- *Solenoid Valve*
- *Directional Control Valve*
- *Proportional Valve*

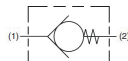
# Check Valve



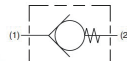
Sense Check Valve  
**CVH021**  
3.8LPM / 350Bar



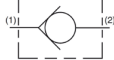
Ball Type Check Valve  
**D1A060**  
145LPM / 420Bar / 2U



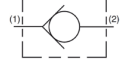
Poppet Type Check Valve  
**D1B125**  
500LPM / 420Bar / 2C



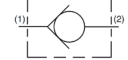
Ball Type Check Valve  
**D02B2**  
80LPM / 420Bar / C08-2



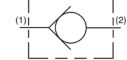
Check Valve  
**CVH081P**  
38LPM / 350Bar / C08-2



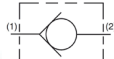
Check Valve  
**CVH103P**  
60LPM / 350Bar / C10-2



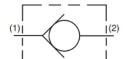
Ball Type Check Valve  
**D04B2**  
160LPM / 420Bar / C10-2



Check Valve  
**CVH121P**  
121LPM / 350Bar / C12-2



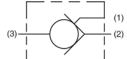
Poppet Type Check Valve  
**D06B2P**  
500LPM / 420Bar / C16-2



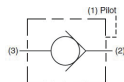
Check Valve  
**CVH161P**  
225LPM / 350Bar / C16-2



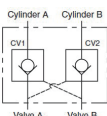
Check Valve  
**CVH201P**  
303LPM / 350Bar / C20-2



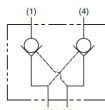
Pilot Operated Check Valve  
**CPH104P**  
30LPM / 350Bar / C10-3



Pilot Operated Check Valve  
**CPH124P**  
75LPM / 350Bar / C12-3



Pilot Piston Style Dual  
P.O Check Valve  
**CDPH103**  
60LPM / 350Bar



Dual Pilot Operated  
Check Valve  
**CPD084P**  
19LPM / 207Bar / C08-4

## [HYDRAULIC FORMULAS]

**Voltage** = Current × Resistance

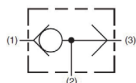
**Flow** = Volume ÷ Unit of Time

**Pressure** = Force ÷ Area

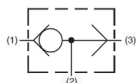
**Horsepower** = Flow × Pressure

÷ (1714 × Efficiency)

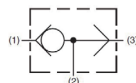
# Shuttle Valve



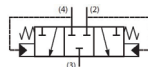
Shuttle Valve  
**KSWA3**  
9.5LPM / 420Bar / CAVSW-3



Shuttle Valve  
**CSH041**  
3.8LPM / 345Bar / C04-3

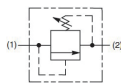


Shuttle Valve  
**CSH101B**  
38LPM / 350Bar / C10-3



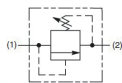
Shuttle Valve  
**K04C3**  
100LPM / 420Bar / C10-4

# Pressure Control Valve



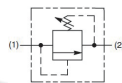
Direct Acting Relief  
Ball Type  
**RDH081**

1.9LPM / 380Bar / C08-2



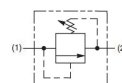
Direct Acting Relief  
Poppet Type  
**RDH082**

30LPM / 380Bar / C08-2



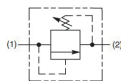
Direct Acting Relief  
Ball Type  
**RDH101**

1.9LPM / 380Bar / C10-2



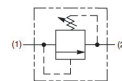
Direct Acting Relief  
Poppet Type  
**RD102**

38LPM / 250Bar / C10-2



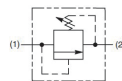
Direct Acting Relief  
Poppet Type  
**A04B2**

100LPM / 420Bar / C10-2



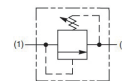
Direct Acting Differential  
Area Relief  
**RDH083**

45LPM / 350Bar / C08-2



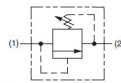
Direct Acting Differential  
Area Relief  
**RDH103**

75LPM / 350Bar / C10-2



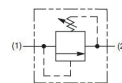
Direct Acting Differential  
Area Relief  
**RD163**

151LPM / 210Bar / C16-2



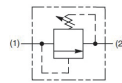
Pilot Operated Spool Type  
**RAH081**

75.8LPM / 350Bar / C08-2



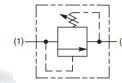
Pilot Operated Spool Type  
**RAH101**

113LPM / 350Bar / C10-2



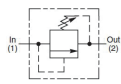
Pilot Operated Spool Type  
**RAH121**

190LPM / 350Bar / C12-2



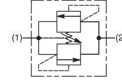
Pilot Operated Spool Type  
**RAH161**

303LPM / 380Bar / C16-2



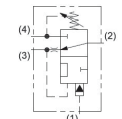
Pilot Operated Spool Type  
**RAH201**

379LPM / 350Bar / C20-2



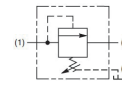
Direct Acting  
Cross-over Relief  
**A04J2**

120LPM / 350Bar / C10-2



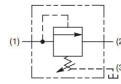
Direct Acting Unloading  
**RU104**

1LPM / 250Bar / C10-4



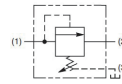
Pilot Operated, Int. Pilot  
Ext. Drain  
**SVH081**

45LPM / 350Bar / C08-3



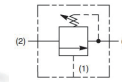
Pilot Operated, Int. Pilot  
Ext. Drain  
**SVH101**

56.3LPM / 350Bar / C10-3



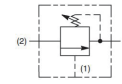
Pilot Operated, Int. Pilot  
Ext. Drain  
**SVH161**

151.6LPM / 350Bar / C16-3



Pilot Operated, Int. Pilot  
Ext. Drain  
**SVH102**

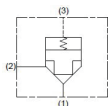
56.3LPM / 350Bar / C10-3



Pilot Operated, Int. Pilot  
Ext. Drain  
**SVH162**

151.6LPM / 350Bar / C16-3

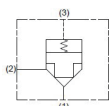
# Logic Element Valve



Poppet Type Logic Valve

**LE101A**

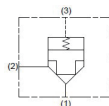
57LPM / 350Bar / C10-3S



Poppet Type Logic Valve

**16SLC1-A**

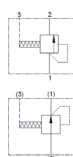
189LPM / 240Bar / C16-3S



Poppet Type Logic Valve

**20SLC1-A**

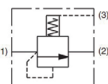
303LPM / 240Bar / C20-3S



Spool Type Logic Valve

**LE102A / LE103A**

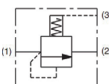
57LPM / 350Bar / C10-3S



Spool Type Logic Valve

**R06E3**

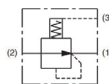
400LPM / 420Bar / C16-3S



Spool Type Logic Valve

**R08E3**

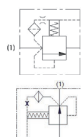
500LPM / 420Bar / C20-3S



Spool Type Logic Valve

**R06H3**

160LPM / 420Bar / C16-3S

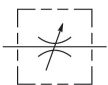


Spool Type Logic Valve

**LE102B / LE103B**

57LPM / 350Bar / C10-3S

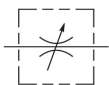
# Flow Control Valve



Needle Valve  
Cartridge Type

**NVH081**

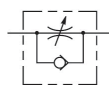
38LPM / 380Bar / C08-2



Needle Valve  
Cartridge Type

**NVH101**

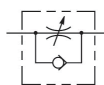
60LPM / 380Bar / C10-2



Needle Valve  
with Reverse Check

**FV101**

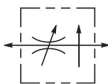
45LPM / 210Bar / C10-2



Needle Valve  
with Reverse Check

**FV102**

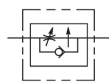
23LPM / 210Bar / C10-2



Restrictive Flow Control

**J02E2 / J04E2**

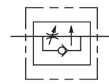
20,40LPM/420Bar/C08,C10-2



Restrictive Flow Control  
Reverse Check

**FA101**

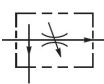
21LPM / 210Bar / C10-2



Restrictive Flow Control  
Reverse Check

**FC101**

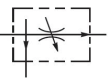
56LPM / 210Bar / C10-2



Priority Type with Bypass

**J02D3**

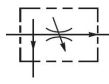
15LPM / 420Bar / C08-3



Priority Type with Bypass

**J04D3**

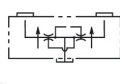
70LPM / 420Bar / C10-3



Priority Type with Bypass

**J1A125**

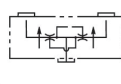
150LPM / 420Bar / 3A



Flow Divider/Combiner

**L04A3**

60LPM / 420Bar / C10-4

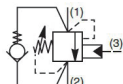


Flow Divider/Combiner

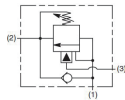
**L06A3**

180LPM / 420Bar / C16-4

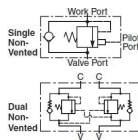
# Load & Motor Control Valve



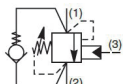
Load Control  
Cartridge Valve  
**E2\*1/E2\*1R/E2\*1S**  
60LPM / 350Bar / CAVT11A



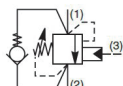
Load Control  
Cartridge Valve  
**CB101**  
45LPM / 380Bar / C10-3



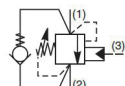
Load Control  
Cartridge Valve  
**MHC-010-S\*\*\***  
37LPM / 350Bar / CDD-1010



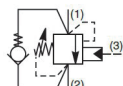
Load Control  
Cartridge Valve  
**E2\*020**  
20LPM / 420Bar / 53-1



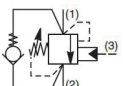
Load Control  
Cartridge Valve  
**E2\*040**  
60LPM / 350Bar / 68-1



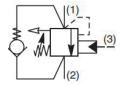
Load Control  
Cartridge Valve  
**E2\*060**  
120LPM / 350Bar / 3C



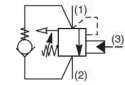
Load Control  
Cartridge Valve  
**E2\*125**  
200LPM / 350Bar / 3M



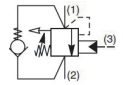
Load Control  
Cartridge Valve  
**E2\*300**  
350LPM / 350Bar / 3K



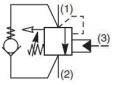
Load Control  
Cartridge Valve  
**E6B020**  
20LPM / 350Bar / 53-1



Load Control  
Cartridge Valve  
**E6K020**  
20LPM / 420Bar / 53-1

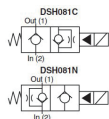


Load Control  
Cartridge Valve  
**E6B040**  
60LPM / 350Bar / 68-1

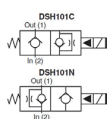


Load Control  
Cartridge Valve  
**E6B060\*409**  
180LPM / 350Bar / 3C

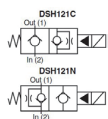
## Solenoid Valve



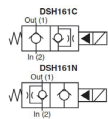
Poppet Type Solenoid Valve  
**DSH081**  
30LPM / 350Bar / C08-2



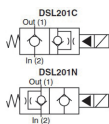
Poppet Type Solenoid Valve  
**DSH101**  
60LPM / 350Bar / C10-2



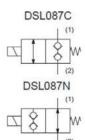
Poppet Type Solenoid Valve  
**DSH121**  
90LPM / 350Bar / C12-2



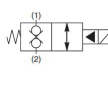
Poppet Type Solenoid Valve  
**DSH161**  
150LPM / 350Bar / C16-2



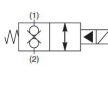
Poppet Type Solenoid Valve  
**DSL201**  
260LPM / 250Bar / C20-2



Poppet Type Solenoid Valve  
**DSL087**  
1.1LPM / 250Bar / C08-2

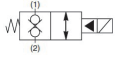


Poppet Type Solenoid Valve  
**GS02 81**  
34LPM / 350Bar / C08-2

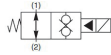


Poppet Type Solenoid Valve  
**GS04 81**  
68LPM / 350Bar / 2R

# Solenoid Valve



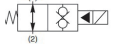
Poppet Type Solenoid Valve  
**GS06 81**  
285LPM / 350Bar / C16-2



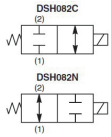
Poppet Type Solenoid Valve  
**GS02 86**  
34LPM / 350Bar / C08-2



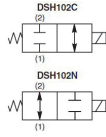
Poppet Type Solenoid Valve  
**GS04 86**  
68LPM / 350Bar / 2R



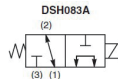
Poppet Type Solenoid Valve  
**GS06 86**  
285LPM / 350Bar / C16-2



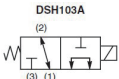
Spool Type Solenoid Valve  
**DSH082**  
15LPM / 350Bar / C08-2



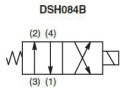
Spool Type Solenoid Valve  
**DSH102**  
30LPM / 350Bar / C10-2



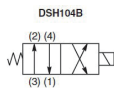
Spool Type Solenoid Valve  
**DSH083**  
15LPM / 350Bar / C08-3



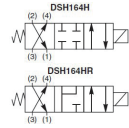
Spool Type Solenoid Valve  
**DSH103**  
30LPM / 350Bar / C10-3



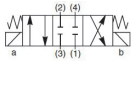
Spool Type Solenoid Valve  
**DSH084**  
15LPM / 350Bar / C08-4



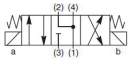
Spool Type Solenoid Valve  
**DSH104**  
38LPM / 350Bar / C10-4



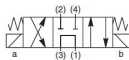
Spool Type Solenoid Valve  
**DSH164**  
113LPM / 350Bar / C16-4



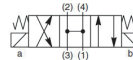
Spool Type Solenoid Valve  
**GS02 51**  
17LPM / 350Bar / C08-4



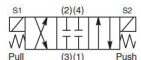
Spool Type Solenoid Valve  
**GS02 53**  
15LPM / 350Bar / C08-4



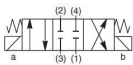
Spool Type Solenoid Valve  
**GS02 57**  
13LPM / 350Bar / C08-4



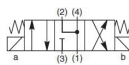
Spool Type Solenoid Valve  
**GS02 59**  
13LPM / 350Bar / C08-4



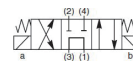
Spool Type Solenoid Valve  
**DSL105**  
26LPM / 250Bar / C10-4



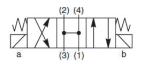
Spool Type Solenoid Valve  
**GS04 52D**  
26LPM / 350Bar / C10-4



Spool Type Solenoid Valve  
**GS04 54D**  
42LPM / 350Bar / C10-4



Spool Type Solenoid Valve  
**GS04 57D**  
42LPM / 350Bar / C10-4



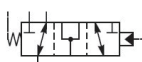
Spool Type Solenoid Valve  
**GS04 59D**  
42LPM / 350Bar / C10-4



# Directional Control Valve



Pilot Operated Spool Valve  
**DH103**  
38LPM / 240Bar / C10-4



Pilot Operated Spool Valve  
**N5A125**  
160LPM / 420Bar / 5A



Pilot Operated Spool Valve  
**N5A300**  
400LPM / 420Bar / 100-1

## [TEMPERATURE RATINGS]

Seals used in these products have the following temperature limitations:

**Nitrile (Buna N)** : -34°C to 121°C

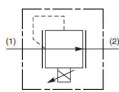
**Fluorocarbon** : -26°C to 204°C

**Hytre** : -54°C to 135°C

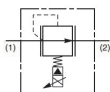
**GTPFE** : -30°C to 150°C

**4301 Polyurethane** : -37°C to 93°C

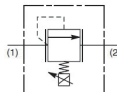
# Proportional Valve



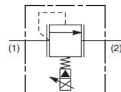
Proportional Relief Valve  
**AP02B2YP**  
5.3LPM / 350Bar / C08-2



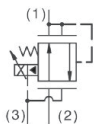
Proportional Relief Valve  
**AP04G2YP**  
95LPM / 350Bar / C10-2



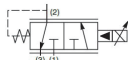
Proportional Relief Valve  
**AP02B2YR**  
5.3LPM / 350Bar / C08-2



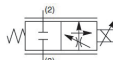
Proportional Relief Valve  
**AP04G2YR**  
95LPM / 350Bar / C10-2



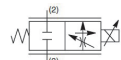
Proportional Pressure Reducing/Relief Valve  
**EPR083R**  
22.7LPM / 345Bar / C08-3L



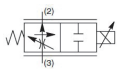
Proportional Pressure Reducing/Relief Valve  
**EPR111C**  
37.5LPM / 350Bar / C10-3L



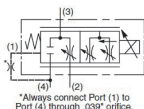
Proportional Flow Regulator Valve  
**JP02C 21**  
23LPM / 210Bar / C08-3



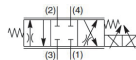
Proportional Flow Regulator Valve  
**JP04C 21**  
36LPM / 210Bar / 3X



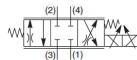
Proportional Flow Regulator Valve  
**JP02P 21**  
19LPM / 210Bar / C80-3



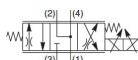
Proportional Flow Regulator Valve  
**JP04C 31**  
30LPM / 210Bar / 4C



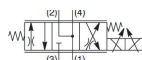
Proportional Directional Control Valve  
**GP02 51**  
21LPM / 350Bar / C08-4



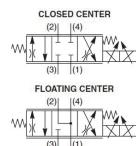
Proportional Directional Control Valve  
**GP02 52**  
17LPM / 350Bar / C08-4



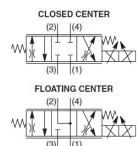
Proportional Directional Control Valve  
**GP02 53**  
17LPM / 350Bar / C08-4



Proportional Directional Control Valve  
**GP02 54**  
17LPM / 350Bar / C08-4



Proportional Directional Control Valve  
**DSP105C1**  
32LPM / 210Bar / C10-4



Proportional Directional Control Valve  
**DSP105C4**  
32LPM / 210Bar / C10-4



PARKER Cartridge Valves CARTRIDGE(英文)

## 株式会社 Parker TAIYO

〒541-0051 大阪市中央区備後町2-6-8 サンライズビル12F

[www.taiyo-ltd.co.jp](http://www.taiyo-ltd.co.jp)

### ■東部エリア

東京営業所 TEL(03)4574-6600  
仙台営業所 TEL(06)7178-0887  
太田営業所 TEL(06)7178-0887

### ■中部エリア

名古屋営業所 TEL(052)884-7520

### ■西部エリア

大阪営業所 TEL(06)4967-1114  
広島営業所 TEL(06)7178-0887  
福岡営業所 TEL(06)7178-0887

### ■海外セクション

大阪営業3課 TEL(06)4967-1105

2025年8月

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