

# Parker Directional Control Valves Open Center Models

VG35EH Open-Center Directional Control Valve

3 Way Pilot Operated Directional Control Valves | UK & Ireland

How to Tear Down and Repair the Parker Solenoid Operated Control Valve - D1VW Series Valve Directional Control Valve Basics - Part 1 Directional Control Valves (Full Lecture) Explaining Directional Valve Repair - Full Dismantle and Reassembly

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Animation | How schematic symbols for control valves is derived | How 3 position 4 port valve works. Hydraulic

~~Symbols | Directional Control Valves~~  
~~How Solenoid Valves Work - Basics~~  
~~actuator control valve working principle~~  
~~Explaining Directional Control Valves:~~  
~~Types and Terminology~~ ~~How directional~~  
~~solenoid valve works - dismantled.~~  
Directional Control Valve Centers Flow  
Control Valves

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Hydraulic Basics - 02 | Directional  
Control valves |

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Introduction to Proportional (Servo)  
Valves (Full Lecture) Animation How  
basic hydraulic circuit works.

Animation - How hydraulic ram and  
valve block spool works - Must watch

~~Why not to fill full tank of fuel from a~~  
~~petrol bunk - Must watch - Share.~~

~~PROGRESS FLUID Proportional Valve~~  
~~Rexroth Bosch Group how flow control~~  
~~valves work Learn hydraulics - 4/2~~

~~Directional control valve Hidrolik Y ö n denetim valfi ders ö zeti [www.uagem.org](http://www.uagem.org) Hidrolik e itimleri Learn Hydraulics - 4/3 Directional control valve~~

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~~D03 and D05 directional spool valves with solenoid actuation Directional Control Valves - Fluid Flow and Positions Surface seal and coil inspection for solenoid operated directional control valve Directional Control Valve Basics Part 2 Solenoid-Controlled Pilot-Operated Directional Control Valve Center Positions of Direction Control Valve (DCV) \u0026amp; its Significance | Animation Episod 9 How to check directional control valve ok or not ok in Hindi Directional Control Valves Types How they are work ?? Proportional hydraulics, proportional valve, servo valve how it works Technical~~

## ~~animation~~ Parker Directional Control Valves Open

Parker 's V10 Series valve is a sectional, open center, CF (constant flow), directional control valve for mobile equipment. It is typically applied between 5 and 15 GPM pump flow at 3500 psi.

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~~denetim valfi ders ö zeti www.uagem.org~~  
~~Hidrolik e itimleri Learn Hydraulics -~~  
~~4/3 Directional control valve~~

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D03 and D05 directional spool valves  
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Control Valves - Fluid Flow and  
Positions Surface seal and coil inspection  
for solenoid operated directional control  
valve ~~Directional Control Valve Basics -~~  
~~Part 2 Solenoid-Controlled Pilot-~~  
~~Operated Directional Control Valve~~  
Center Positions of Direction Control  
Valve (DCV) \u0026amp; its Significance |  
Animation ~~Episod 9 How to check~~  
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~~Hindi Directional Control Valves Types~~  
~~How they are work ?? Proportional~~  
~~hydraulics, proportional valve, servo~~  
~~valve - how it works - Technical~~  
~~animation Parker Directional Control~~

## Valves Open

Parker ' s 2-way poppet solenoid valves check flow in one direction with very low leakage and free flow opposite; normally-open or normally-closed configurations available. Capable of pressures up to 350 bar (5000 psi) and flows up to 260 lpm (70 gpm).

## Directional Control Valves |

Manufacturer - Parker Hannifin

Parker ' s series of 5-way, 2-position pilot operated directional control valves are ideal for very high flow applications with a wide range of pressure capabilities. These valves can be used as diverter or switching valves controlling functions or subsystems on a wide array of machinery within the agriculture, construction, industrial, and oil & gas markets.

## 5 Way/2 Position Pilot Operated Directional Control Valves ...

Parker ' s V20 Series valve is a sectional, open center, CF (constant flow), or closed center load sensing (variable flow) directional control valve for mobile equipment. It is typically applied between 15 and 25 GPM pump flow at 3500 psi.

## Hydraulic Open-Center Directional Control Valves | Parker NA

Parker offers a comprehensive range of directional control valves for a wide variety of media and customer applications, available in various types and configurations. We provide industrial seat and spool valves, hydraulically or manually operated,



pneumatic solenoid and manual valves, mobile monoblock and sectional valves, ball valves for different applications and media, control valves and ...

Directional Control Valves | Parker NA  
Directional Control Valves P70  
Catalogue HY17-8546/UK Principle  
circuit diagram for valve with open  
centre Open centre systems, OC (Valve  
with open centre, P70CF) The pump in a  
constant-flow system has fixed  
displacement, which means that the flow  
remains constant for a given engine  
speed. The pressure, however, changes  
to meet demand.

Directional Control Valve P70 - Parker  
Hannifin  
Parker F130CF, F130CP is a robust

mobile valve with excellent controllability for mobile machinery. Parker F130CF, F130CP is a sectional-built, directional control valve for mobile machinery used in open center systems and closed center systems.

Directional Control Valves | Parker NA  
Parker Hannifin Corporation Hydraulic Valve Division Elyria, Ohio 44035 USA  
Directional Control Valves Technical Information Series DSH103 General Description The DSH103, 3-way spool valves are used as low flow directional valves, pilot valves, or selector valves. They can be used in normally open or normally closed applications. Operation

Directional Control Valves Technical ...  
- Parker Hannifin

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Valves | Manufacturer - Parker Hannifin  
Catalogue PDE2569TCUK-ca  
Directional control valves Series Viking  
P2L-A, G1/8 P2L-B, G1/4 P2L-D, G1/2

Directional control valves - Parker  
Hannifin

A17 Parker Hannifin Corporation  
Hydraulic Valve Division Elyria, Ohio,  
USA Catalog HY14-2500/US

Directional Control Valves A General  
Description Series D1VW directional  
control valves are high performance,  
4-chamber, direct operated, wet  
armature solenoid controlled, 3 or 4-way  
valves. They are available in 2 or  
3-position and conform to

Catalog HY14-2500/US Directional  
Control Valves Technical ...

Parker Hannifin Corporation Hydraulic  
Valve Division Elyria, Ohio, USA

Catalog HY14-2007/US Open-Center  
Directional Control Valve 3 VG35EH

Specifications Pressures Pump Inlet  
Ports: 275 Bar (4000 PSI) Service Ports:  
45 Bar (5000 PSI) Pilot: 35 Bar (508 PSI)  
(input or internal supply) Tank Return  
Ports: 15 Bar (220 PSI) Solenoid Drain: 2  
Bar (29 PSI)

## VG35EH Open-Center Directional Control Valve

Directional Control Valves For Open  
Center, Power-Beyond & Closed Center  
Systems Effective: February 1, 2004  
Supersedes: Cat. No. GPD-1425 dated  
8/97 Specifications The minimum flow  
through a valve assembly is determined  
by the maximum pressure drop  
acceptable to the application. • Low  
force required to actuate spool • Extra  
fine metering

## Series V70 and V90 Directional Control Valves For Open ...

Parker ' s series of 3-way, pilot-operated directional control valves feature a strong design for maximum durability and performance that can operate with hydraulic system flows as high as 90 lpm and pressures up to 420 bar.

## 3 Way Pilot Operated Directional Control Valves | UK & Ireland

Parker offers the largest selection of hydraulic directional control valves, known for their performance and reliability. This video will show you how to tear down and rebuild Parker ' s D1VW directional control valves. Improve efficiency, increase safety and reduce downtime with Parker ' s directional control valves.

- Parker

Parker ' s V10 Series valve is a sectional, open center, CF (constant flow), directional control valve for mobile equipment. It is typically applied between 5 and 15 GPM pump flow at 3500 psi.

Mobile Directional Control Valves -V10 Series | Parker NA

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**Directional Control Valves | Parker**

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*parker-directional-control-valves-open-center-models*

## **NA**

Parker's V20 Series valve is a sectional, open center, CF (constant flow), or closed center load sensing (variable flow) directional control valve for mobile equipment. It is typically applied between 15 and 25 GPM pump flow at 3500 psi.

Parker offers a comprehensive range of hydraulic directional control valves.

We provide seat and spool valves, hydraulically, electrically, pneumatically or mechanically operated, in standard, regenerative and hybrid design.

**- Parker**

**Directional control valves -  
Parker Hannifin  
Series V70 and V90**

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*parker-directional-control-valves-open-center-models*



## Directional Control Valves For Open ...

Parker F130CF, F130CP is a robust mobile valve with excellent controllability for mobile machinery. Parker F130CF, F130CP is a sectional-built, directional control valve for mobile machinery used in open center systems and closed center systems.

Parker Hannifin Corporation  
Hydraulic Valve Division  
Elyria, Ohio 44035 USA  
Directional Control Valves  
Technical Information Series  
DSH103 General Description  
The DSH103, 3-way spool

valves are used as low flow directional valves, pilot valves, or selector valves. They can be used in normally open or normally closed applications. Operation

Directional Control Valves  
P70 Catalogue HY17-8546/UK  
Principle circuit diagram  
for valve with open centre  
Open centre systems, OC  
(Valve with open centre,  
P70CF) The pump in a  
constant-flow system has  
fixed displacement, which  
means that the flow  
remains constant for a  
given engine speed. The  
pressure, however, changes

to meet demand.

Catalogue PDE2569TCUK-ca  
Directional control valves  
Series Viking P2L-A, G1/8  
P2L-B, G1/4 P2L-D, G1/2

**How to Tear Down and  
Repair the Parker Solenoid  
Operated Control Valve -  
D1VW Series Valve**

Directional Control Valve  
Basics - Part 1

*Directional Control Valves  
(Full Lecture) Explaining  
Directional Valve Repair -  
Full Dismantle and  
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Animation | How schematic  
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~~Directional Control Vavles~~  
~~How Solenoid Valves Work—~~  
~~Basics actuator control~~  
~~valve working principle~~  
~~Explaining Directional~~  
~~Control Valves: Types and~~  
~~Terminology How~~  
~~directional solenoid valve~~  
~~works—dismantled. ?~~  
*Directional Control Valve*  
*Centers Flow Control*  
*Valves*

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Hydraulic Basics - 02 |  
Directional Control valves  
|

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Introduction to  
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Animation How basic hydraulic circuit works. ?  
Animation - How hydraulic ram and valve block spool works - Must watch ~~Why not to fill full tank of fuel from a petrol bunk~~ Must watch — Share. PROGRESS  
~~FLUID Proportional Valve Rexroth Bosch Group how flow control valves work~~  
~~Learn hydraulics — 4/2~~  
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~~Hidrolik e?itimleri Learn Hydraulics - 4/3~~  
Directional control valve  
D03 and D05 directional spool valves with solenoid

actuation *Directional Control Valves - Fluid Flow and Positions Surface seal and coil inspection for solenoid operated directional control valve*  
~~Directional Control Valve Basics — Part 2~~

**Solenoid-Controlled Pilot-Operated Directional Control Valve** Center Positions of Direction Control Valve (DCV) \u0026 its Significance | Animation ~~Episod 9 How to check directional control valve ok or not ok in Hindi Directional Control Valves Types How they are work ??~~ Proportional

~~hydraulics, proportional valve, servo valve—how it works—~~Technical animation **Parker**

## **Directional Control Valves Open**

Parker's 2-way poppet solenoid valves check flow in one direction with very low leakage and free flow opposite; normally-open or normally-closed configurations available. Capable of pressures up to 350 bar (5000 psi) and flows up to 260 lpm (70 gpm).

**Directional Control Valves**  
**| Manufacturer - Parker**

## **Hannifin**

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Parker Hannifin  
Corporation Hydraulic  
Valve Division Elyria,  
Ohio 44035 USA Directional  
Control Valves Technical  
Information Series DSH103  
General Description The  
DSH103, 3-way spool valves  
are used as low flow  
directional valves, pilot  
valves, or selector  
valves. They can be used  
in normally open or  
normally closed  
applications. Operation

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Directional control valves  
Series Viking P2L-A, G1/8  
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**Directional control valves  
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A17 Parker Hanni?n

Corporation Hydraulic  
Valve Division Elyria,  
Ohio, USA Catalog  
HY14-2500/US Directional  
Control Valves A General  
Description Series D1VW  
directional control valves  
are high performance,  
4-chamber, direct  
operated, wet armature  
solenoid controlled, 3 or  
4-way valves. They are  
available in 2 or  
3-position and conform to

**Catalog HY14-2500/US  
Directional Control Valves  
Technical ...**

Parker Hannifin  
Corporation Hydraulic

Valve Division Elyria,  
Ohio, USA Catalog  
HY14-2007/US Open-Center  
Directional Control Valve  
3 VG35EH Specifications  
Pressures Pump Inlet  
Ports: 275 Bar (4000 PSI)  
Service Ports: 45 Bar  
(5000 PSI) Pilot: 35 Bar  
(508 PSI) (input or  
internal supply) Tank  
Return Ports: 15 Bar (220  
PSI) Solenoid Drain: 2 Bar  
(29 PSI)

**VG35EH Open-Center  
Directional Control Valve**  
Directional Control Valves  
For Open Center, Power-  
Beyond & Closed Center



Systems Effective:  
February 1, 2004  
Supersedes: Cat. No.  
GPD-1425 dated 8/97  
Specifications The minimum  
flow through a valve  
assembly is determined by  
the maximum pressure drop  
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**Series V70 and V90  
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For Open ...**

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PSI) (input or internal supply)  
Tank Return Ports: 15 Bar (220  
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## **Valves | Manufacturer - Parker Hannifin**

### **Catalog HY14-2500/US**

### **Directional Control Valves**

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**Directional Control Valves For  
Open Center, Power-Beyond &  
Closed Center Systems**

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