



White House Products Ltd

Issue 5 - Section 18

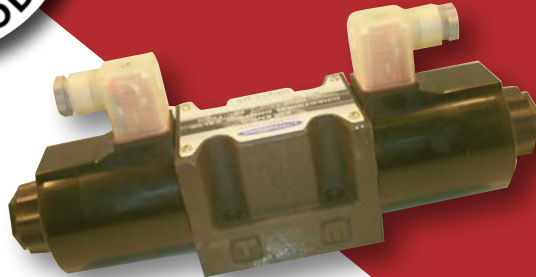
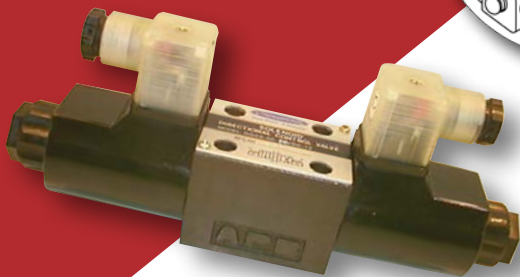
Cetop 3 and 5 Solenoid Operated Directional Control Valves

To view an item, please click on the name below or use the bookmarks in your PDF software.
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[Introduction and Contact Details](#)

[Cetop 3 Solenoid Operated Directional Control Valves 310-311](#)

[Cetop 5 Solenoid Operated Directional Control Valves 310-311](#)



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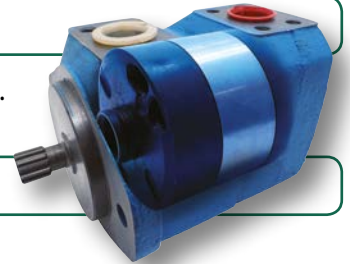
Welcome to the White House Products Ltd Catalogue

Our promise to you...

- That over 90% of orders are delivered from stock!
- That all UK back orders are delivered FOC.
- That all stocked UK single pump and motor orders not requiring modification ordered before 4pm will be dispatched the SAME DAY.
- That any part supplied by us in error and unused by you will be collected by our courier from you and credited in full - inclusive of any carriage and packing costs - on its return.
- That any part ordered in error by you and returned to us as new will be credited in full against the correct replacement supplied by us.
- That we shall try our very best at all times to provide you with what you want.
- That if we don't have a particular pump or motor in stock we will offer to manufacture a replacement where this is possible.

Ex-Stock Availability

All items shown in this catalogue are stock items and therefore normally available for immediate despatch.



Enquiries, Pricing & Ordering

☎ Telephone
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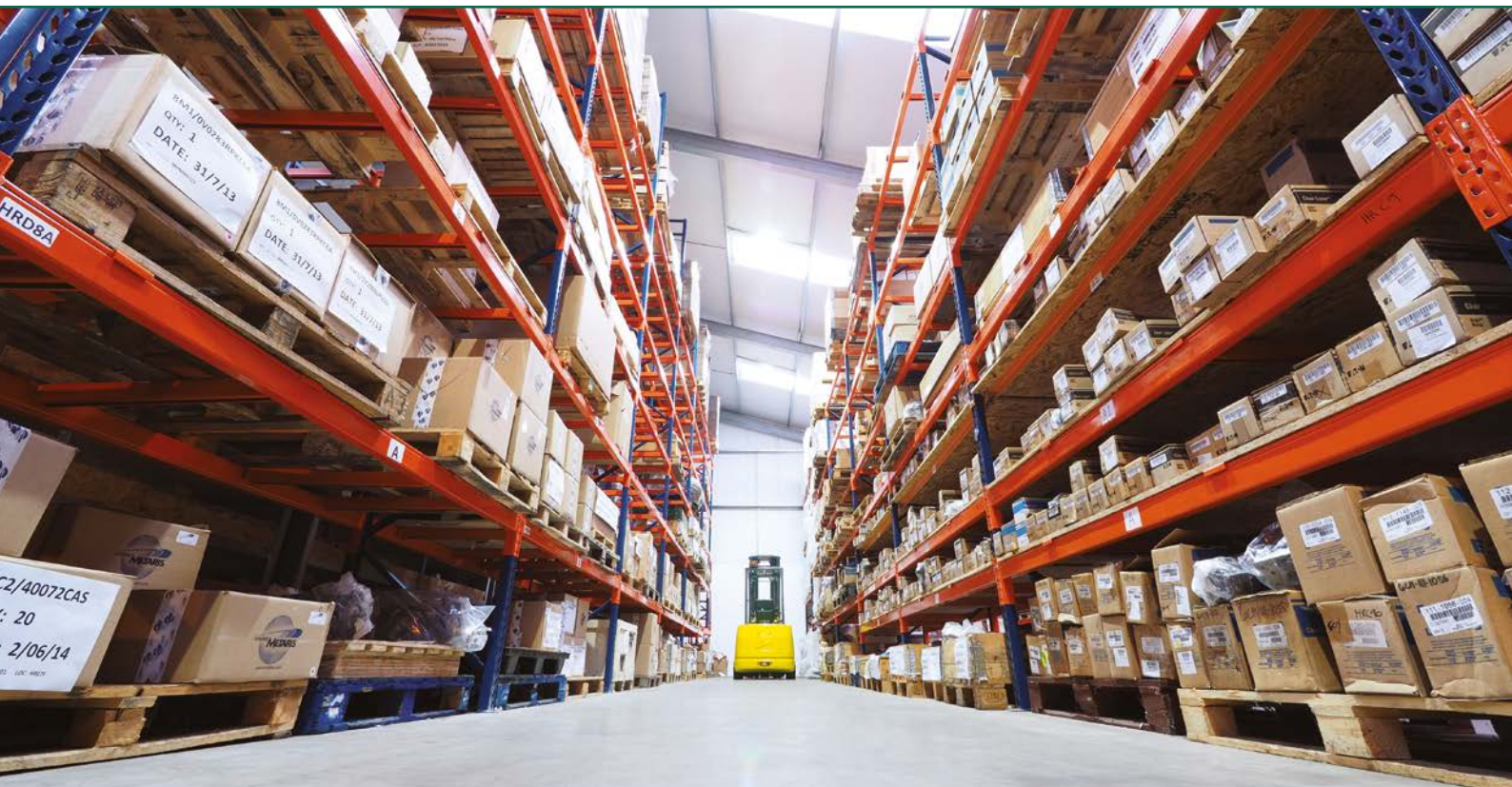
🌐 Prices and secure online ordering at
www.whp.co.uk

To obtain prices from our website you need to have a username and password. If you don't have these, please register by going to www.whp.co.uk and clicking on *Register*. You will get a username and password by return.

Internet ordering can be done using a credit account, if this has already been set up, or by credit card. To provide total security to our credit card customers, payments are transacted using Sage Pay's secure server.



Cetop Valves



By whatever means you use, we look forward to hearing from you!

Solenoid Operated Directional Control Valves - Cetop 3 and Cetop 5



For prices, please register online or contact us by phone, fax or email.

Ordering Code

Use this chart to compile your ordering code - e.g. **VISC 3 22 C 24D WB**
 (Cetop 3 Valve with Closed Centre Spool, Spring centred-double solenoid Arrangement, Solenoid Voltage of DC24V and Wiring housing with G1/2 thread c/w indicator lights)

VISC & ** \$\$??? ££

& Cetop Range

3	Cetop 3
5	Cetop 5

** Type of Spool Configuration in de-energised position

0	Open Centre (All Ports)
1	P, A - T Open, B Blocked
2	Closed Centre (All Ports)
3	P - B Closed, A-T Open
6	P Closed, A, B - T Open
7	P - A, B Open, T Closed
8	P - T Open Centre, A & B Blocked
11	P, B - T Open, A Blocked
22	Closed Centre (Two Way)
31	P - A Blocked, B - T Open
33	A & B bleed to T, P Blocked

\$\$ Spring Arrangement

A	Spring offset to port A single solenoid
AL	Spring offset to port B single solenoid
B	Spring centred-single solenoid at port A end
BL	Spring centred-single solenoid at port B end
C	Spring centred-double solenoid
N	Detent without spring
F	Spring offset-shift to centre-single solenoid at port A end
FL	Spring offset-shift to centre-single solenoid at port B end

??? Solenoid Voltage

12D	DC12V
24D	DC24V
110A	AC110V, 50Hz / AC120V, 60Hz
220A	AC220V, 50Hz / AC240V, 60Hz

££ Electrical Options

	Omit for DIN 43650 Coil c/w indicator light
WB	Wiring housing with G½ thread c/w indicator lights

Specifications	Cetop 3	Cetop 5
Maximum Flow	80 l/min (21 USgpm)	160 l/min (42 USgpm)
Maximum Operating Pressure	4500 psi (320 bar)	4500 psi (320 bar)
Maximum Permissible Back Pressure	2285 psi (160 bar)	2285 psi (160 bar)
Ambient Temperature Range	-15°C~50°C	-15°C~50°C
Hydraulic Fluid Temperature	-15°C~70°C	-15°C~70°C
Viscosity Range	15~400mm ² /s	15~400mm ² /s
Hydraulic Oil	ISO VG 32,46,68	ISO VG 32, 46, 68
Fluid Cleanliness	NAS class 9 MAX	NAS class 9 MAX
Degree of Protection to Din40050 and IEP	IP65	IP65
Maximum Change Over Frequency	240 times/min (AC,DC)	180 times/min (AC,DC)
	120 times/min (RF)	120 times/min (RF)
Mounting Pattern	ISO 4401-AB-03-4-A	ISO 4401-AB-05-4-A
Weight	Single Solenoid	1.7Kg (DC); 1.6Kg (AC)
	Double Solenoid	2.1Kg (DC); 2.0 Kg (AC)
Valve Fixing Screws	Metric	M5x45L x4pcs
	Inch	No. 10 - 24UNCx1-¾"L x4pcs
Tightening Torque	5~7Nm	12~15Nm

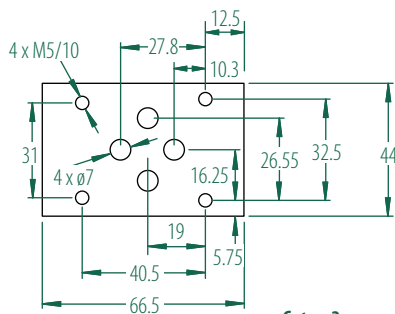
Characteristics

- Highest performance in NG 6 (Cetop 3) / NG 10 (Cetop 5)
- Optimised spool design to reduce flow force
- Proven quality through 10 million endurance tests
- Coil outside cover with BMC fire proof material
- Surge suppressor inside DC wiring box type
- Mounts to DIN, ISO and CETOP
- LED light standard

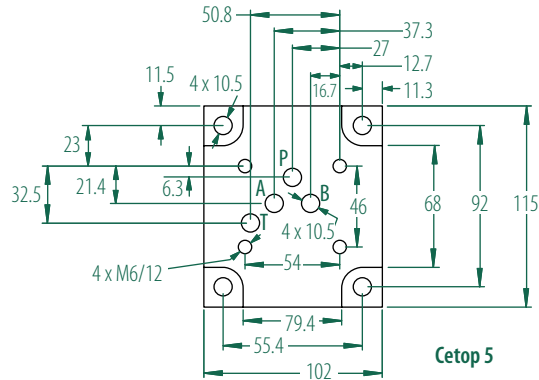
Solenoid Operated Directional Control Valves - Cetop 3 and Cetop 5

Dimensions

all measurements are in millimetres (mm) unless otherwise stated



Cetop 3



Cetop 5

Spool Types: Spool Configuration

Position in Neutral Arrangement	Double Solenoid Valves, Spring Centred -C-	Single Solenoid Valves, Solenoid at Port A End -B-	Single Solenoid Valves, Solenoid at Port B End -BL-
0	0C	0B	0BL
1	1C	1B	1BL
2	2C	2B	2BL
		2F	2FL
3	3C	3B	3BL
6	6C	6B	6BL
7	7C	7B	7BL
8	8C	8B	8BL
11	11C	11B	11BL
31	31C	31B	31BL
33	33C	33B	33BL

During Transition	Double Solenoid Valves, Two-position (detented) -N-	Single Solenoid Valves, Solenoid at Port A End -A-	Single Solenoid Valves, Solenoid at Port B End -AL-
0		0A	0AL
2	2N	2A	2AL
6		6A	6AL
7		7A	7AL
22		22A	22AL



Cetop 3



Cetop 5