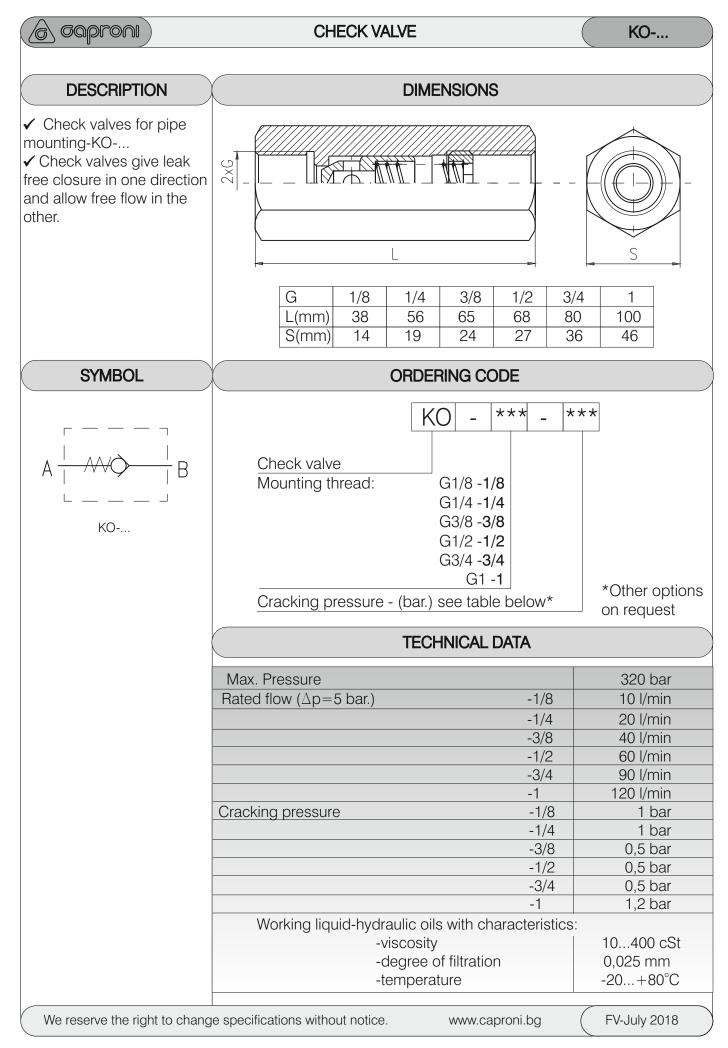
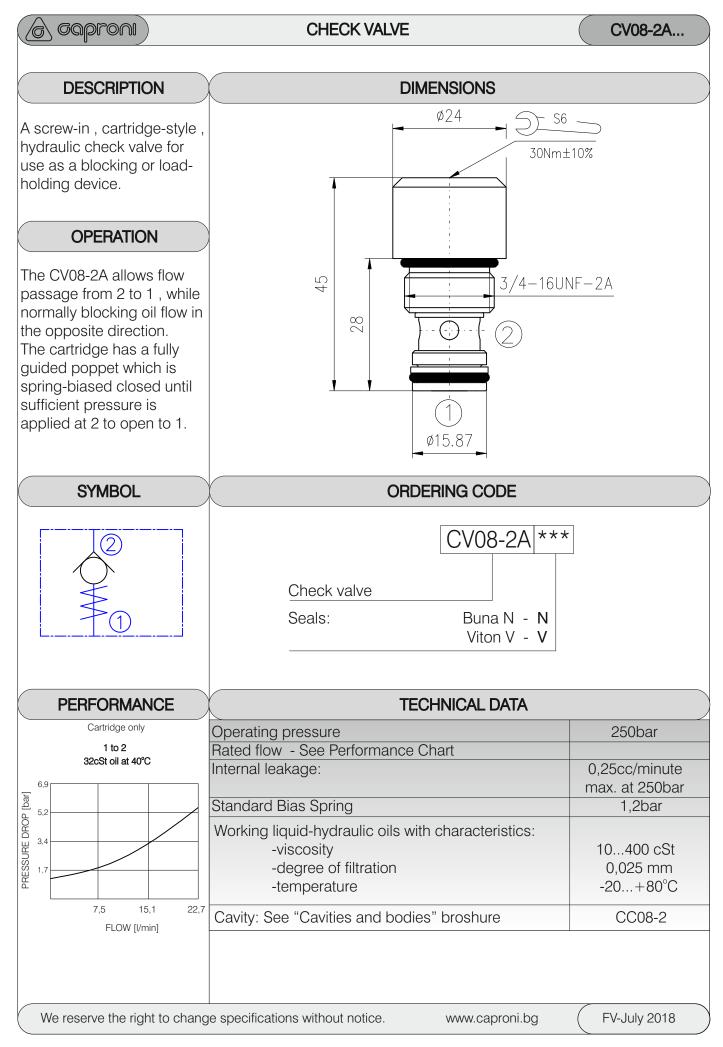


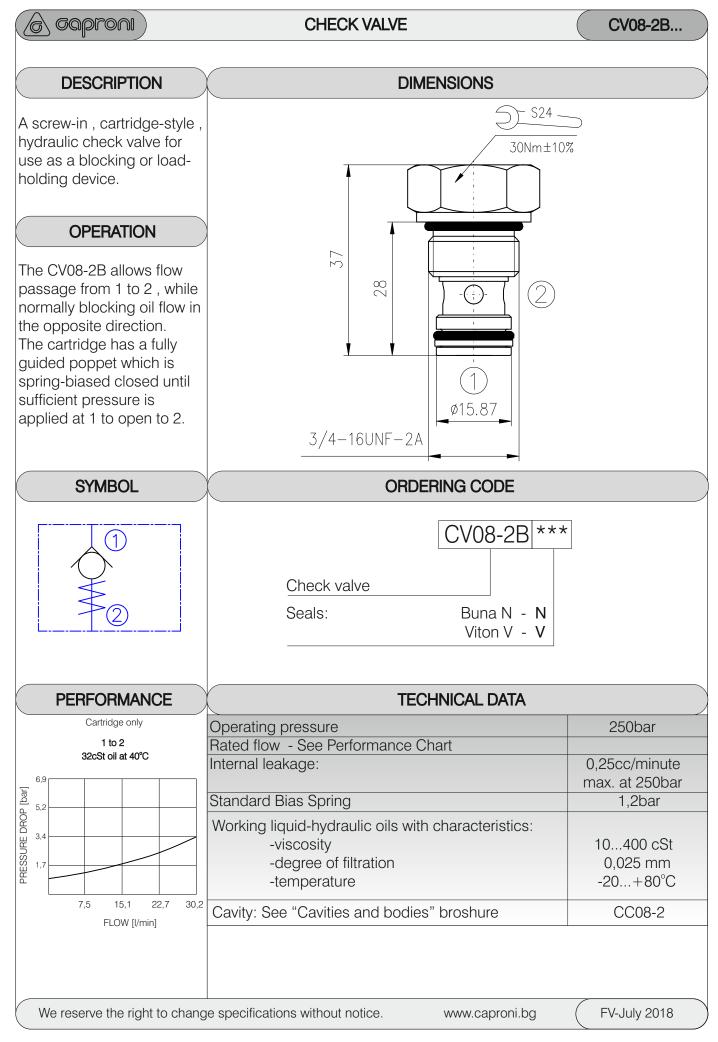
## CONTENTS:

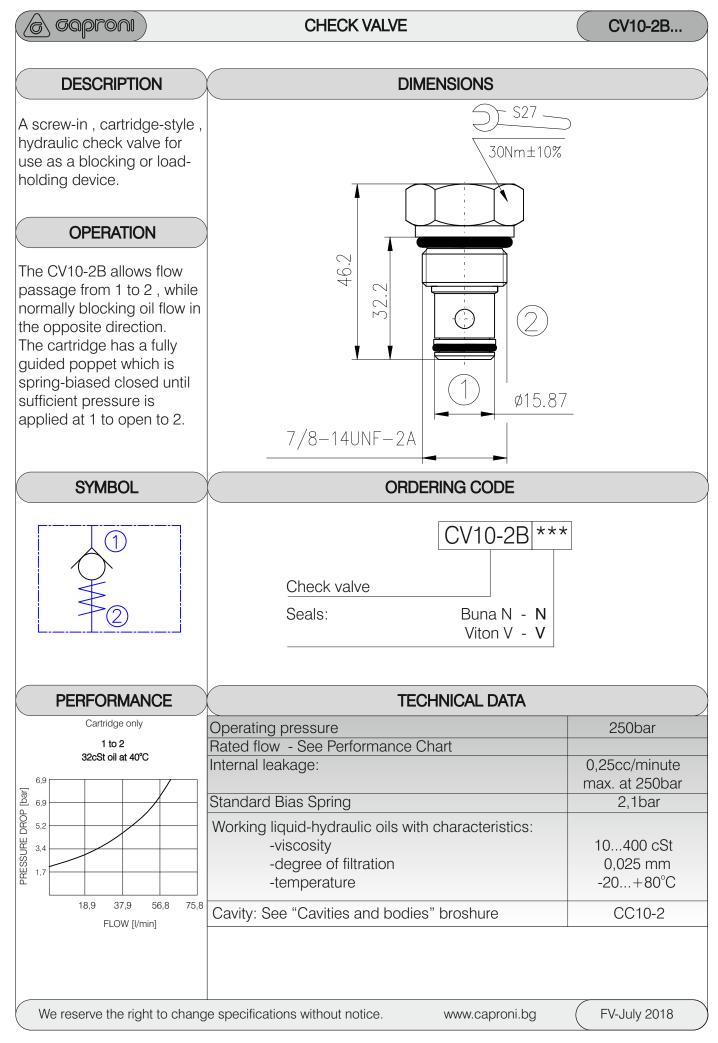
# Page

| Check valves:  |   |
|--|---|
| KO   | 1/32  |
| CV08-2A  |   |
| CV08-2B  | 3/32  |
| CV10-2B  | 4/32  |
| Pilot operated check valves:   |   |
| KOHU   | . 5/32  |
| KOHUS  | 6/32  |
| KOHUE  | 7/32  |
| KOHUSA   | 8/32  |
| KOHU16P  | 9/32  |
| CPV08-3A   | 10/32   |
| CPV08-3B   | 11/32   |
| Throttle check valves:   |   |
| DROKT/32   | . 12/32   |
| DROKT/25   | 13/32   |
| DROK16P  | 14/32   |
| DROK   | 15/32   |
| Adjustable throttle:   |   |
| DR   | 16/32   |
| Flow control valves:   |   |
|  |   |
| RD6/2P   | 17/32   |
| RD6/2P<br>RD/2 18/328  |   |
|  | &19/32  |
| RD/2 18/328  | &19/32<br>20/32   |
| RD/2 18/328<br>RD10/3T38   | &19/32<br>20/32<br>21/32  |
| RD/2 18/328<br>RD10/3T38<br>RD12/3T12  | &19/32<br>20/32<br>21/32<br>22/32   |
| RD/2   | \$19/32 20/32 21/32 22/32 23/32   |
| RD/2   | \$19/32 20/32 21/32 22/32 23/32   |
| RD/2   | \$19/32<br>20/32<br>21/32<br>22/32<br>23/32<br>24/32  |
| RD/2 18/328<br>RD10/3T38<br>RD12/3T12<br>FCV-G<br>FC08-2A<br>HC45<br>Deviding and combining valves:  | <pre>%19/32 20/32 21/32 22/32 23/32 24/32 </pre>  |
| RD/2   | <pre>%19/32 20/32 21/32 22/32 23/32 24/32 </pre>  |
| RD/2   | \$19/32<br>20/32<br>21/32<br>22/32<br>23/32<br>24/32<br>25/32<br>26/32  |
| RD/2       18/328         RD10/3T38       RD12/3T12         FCV-G       FCV-G         FC08-2A       HC45         Deviding and combining valves:       KDS         FDC       Hose bust check valve:   | \$19/32<br>20/32<br>21/32<br>22/32<br>23/32<br>24/32<br>25/32<br>26/32  |
| RD/2   | <ul> <li>\$19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> </ul>   |
| RD/2       18/328         RD10/3T38       RD12/3T12         FCV-G       FC08-2A         HC45       FC08-2A         Deviding and combining valves:       KDS         FDC       FDC         Hose bust check valve:       HC970         Nv06-2A       Manual spring return valves:  | <ul> <li>\$19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> </ul>  |
| RD/2       18/328         RD10/3T38       RD12/3T12         FCV-G       FC08-2A         HC45       HC45         Deviding and combining valves:       KDS         KDS       FDC         Hose bust check valve:       HC970         Needle valve:       NV06-2A         Manual spring return valves:       MV08-2B   | <ul> <li>\$19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> <li>29/32</li> </ul>                             |
| RD/2   | <ul> <li>\$19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> <li>29/32</li> </ul>                             |
| RD/2       18/328         RD10/3T38       RD12/3T12         FCV-G       FC08-2A         HC45       Deviding and combining valves:         KDS       FDC         Hose bust check valve:       HC970         Nv06-2A       Manual spring return valves:         MV08-2B       MV08-2B-A         Piloted 2-way spool , external vent valve:   | <ul> <li>19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> <li>29/32</li> <li>30/32</li> </ul>                |
| RD/2   | <ul> <li>19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> <li>29/32</li> <li>30/32</li> </ul>                |
| RD/2       18/328         RD10/3T38       RD12/3T12         FCV-G       FCV-G         FC08-2A       HC45         Deviding and combining valves:       KDS         KDS       FDC         Hose bust check valve:       HC970         Needle valve:       NV06-2A         Manual spring return valves:       MV08-2B         MV08-2B-A       Piloted 2-way spool , external vent valve: | <ul> <li>19/32</li> <li>20/32</li> <li>21/32</li> <li>22/32</li> <li>23/32</li> <li>24/32</li> <li>25/32</li> <li>26/32</li> <li>27/32</li> <li>28/32</li> <li>29/32</li> <li>30/32</li> <li>31/32</li> </ul> |

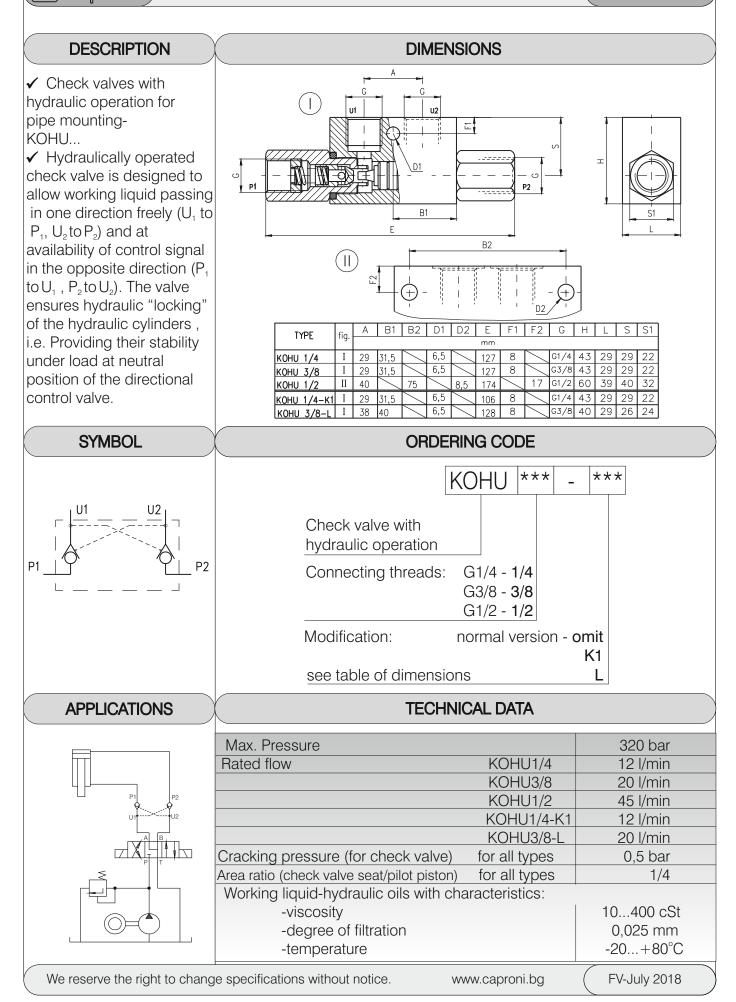


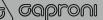






KOHU...-...





#### PILOT OPERATED CHECK VALVE

S S1

29 22

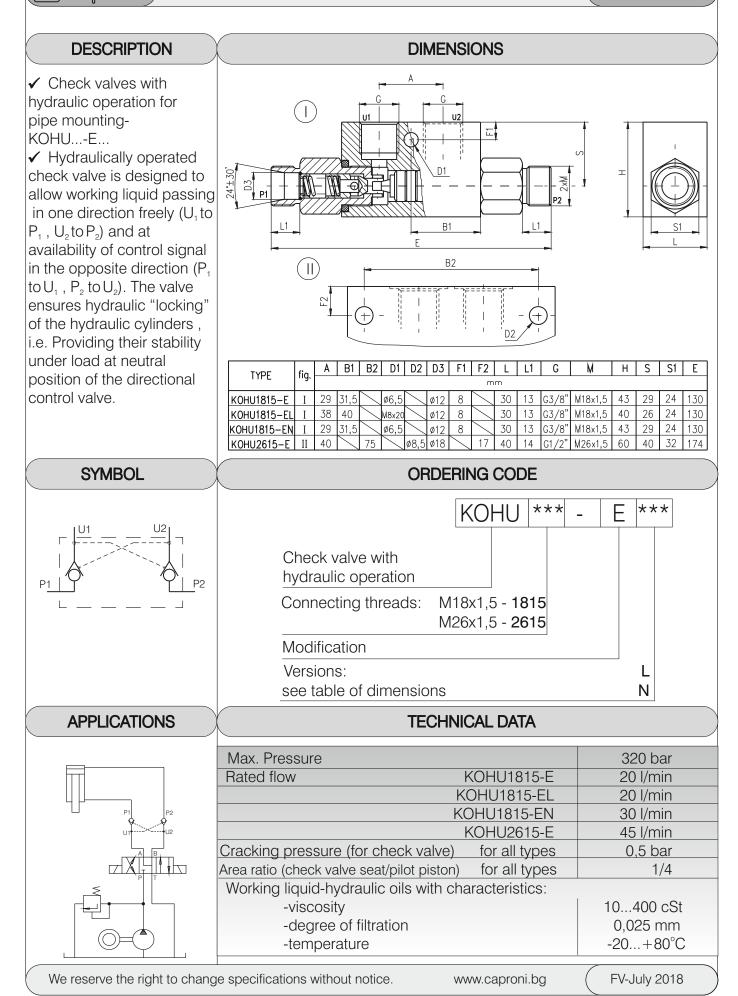
29 22

FV-July 2018

#### DESCRIPTION DIMENSIONS ✓ Check valves with T D1 hydraulic operation for pipe mounting-5 KOHU...-S ✓ Hydraulically operated check valve is designed to т U1 allow working liquid passing 5 in one direction freely (P<sub>2</sub>to $P_1$ ) and at availability of B1 control signal in the opposite direction ( $P_1$ to $P_2$ ). Β2 The valve ensures hydraulic "locking" of the 2 hydraulic cylinders, i.e. providing their stability under load at neutral position of the directional B1 Β2 D1 D2 Ε F1 А С G Н TYPE fig. control valve. mm КОНU 1/4-S 37 ø6,5 8 G1/4 43 29 15 86 I 22,5 29 ø6,5 8 G3/8 43 37 Ι KOHU 3/8-S 22,5 15 86 G1/2 60 39 40 32 47 24 КОНU 1/2-S Π 57 ø8,5 114 **SYMBOL ORDERING CODE** P2 \*\*\* KOHU S U1 Check valve with hydraulic operation Connecting threads: G1/4 - 1/4 G3/8 - 3/8 G1/2 - 1/2 **P1** Modification **APPLICATIONS TECHNICAL DATA** Max. Pressure 320 bar Rated flow KOHU1/4-S 12 l/min KOHU3/8-S 20 l/min KOHU1/2-S 45 l/min Cracking pressure (for check valve) for all types 0,5 bar Area ratio (check valve seat/pilot piston) for all types 1/4 Working liquid-hydraulic oils with characteristics: -viscosity 10...400 cSt -degree of filtration 0,025 mm -temperature -20...+80°C

www.caproni.bg

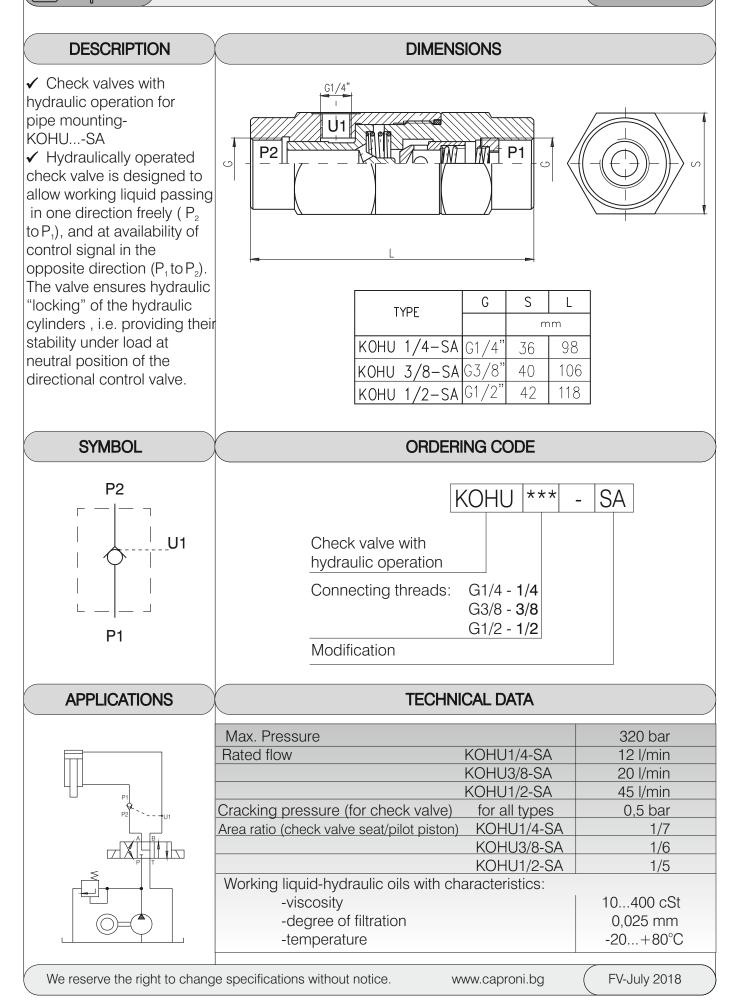
We reserve the right to change specifications without notice.





#### PILOT OPERATED CHECK VALVE

KOHU...-SA





KOHU16P

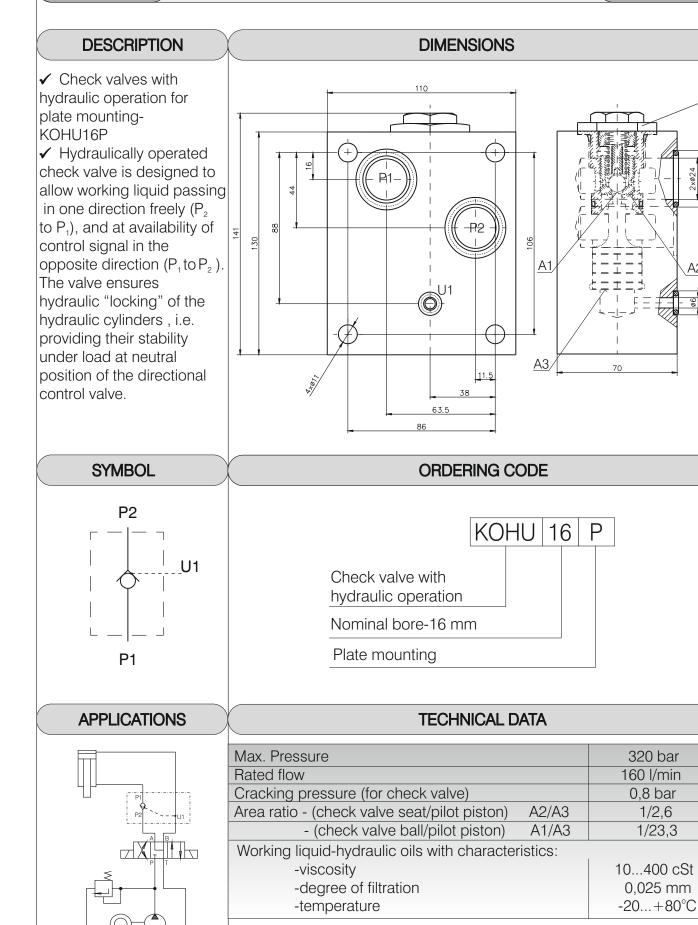
S=40

×ø35.5

2×ø24

A2





We reserve the right to change specifications without notice.

www.caproni.bg

FV-July 2018

320 bar

0,8 bar

1/2,6

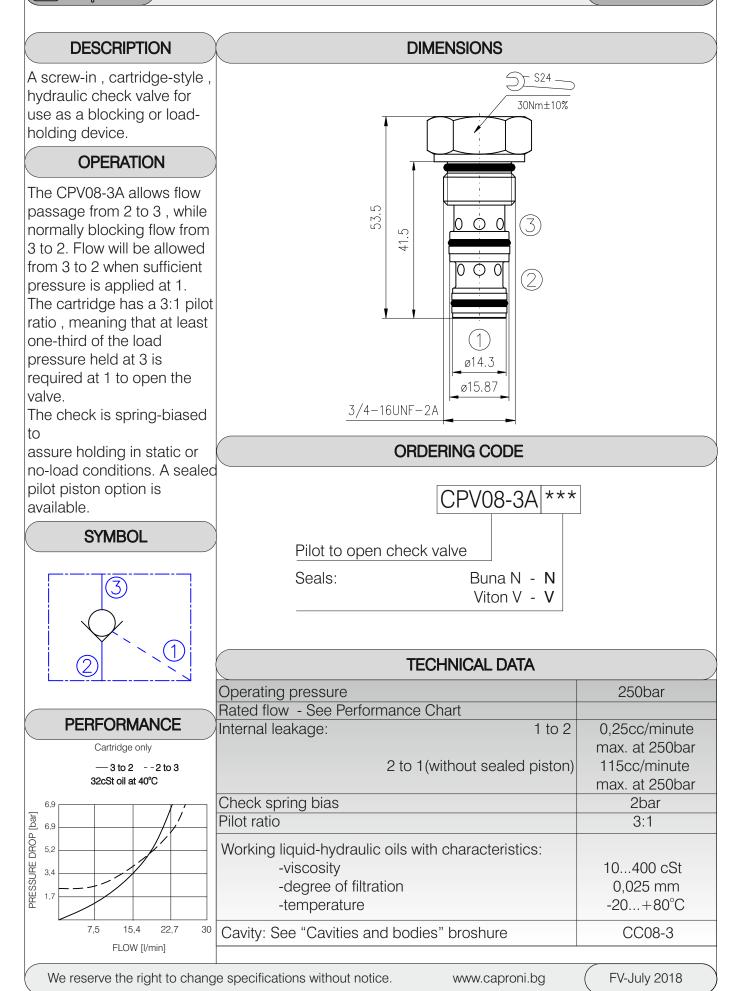
1/23,3

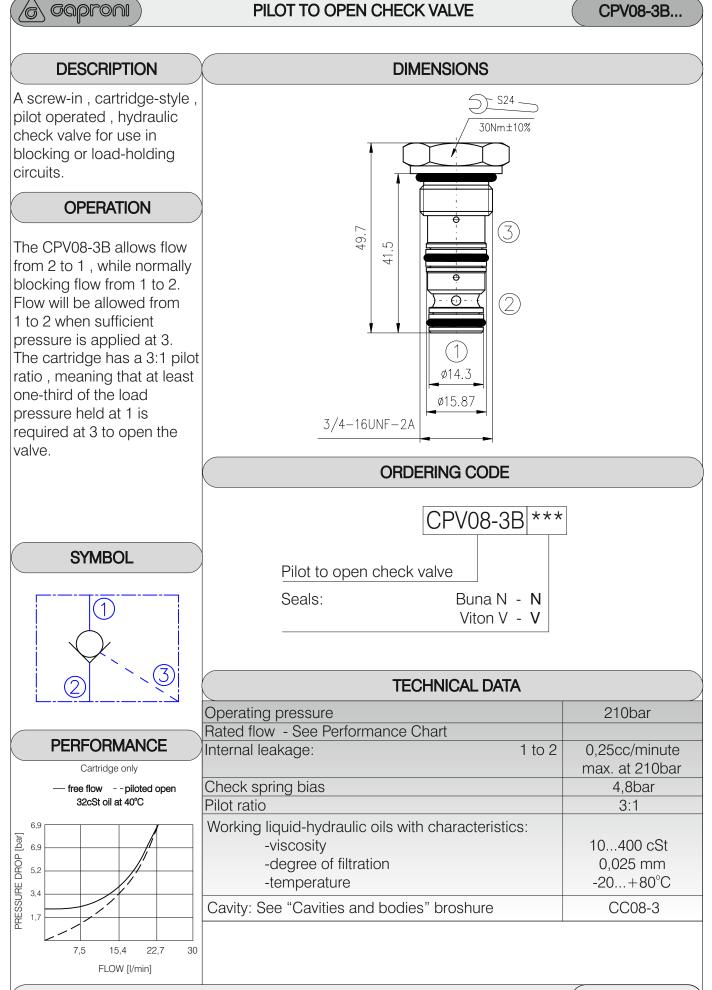
0,025 mm



### PILOT TO OPEN CHECK VALVE

CPV08-3A...

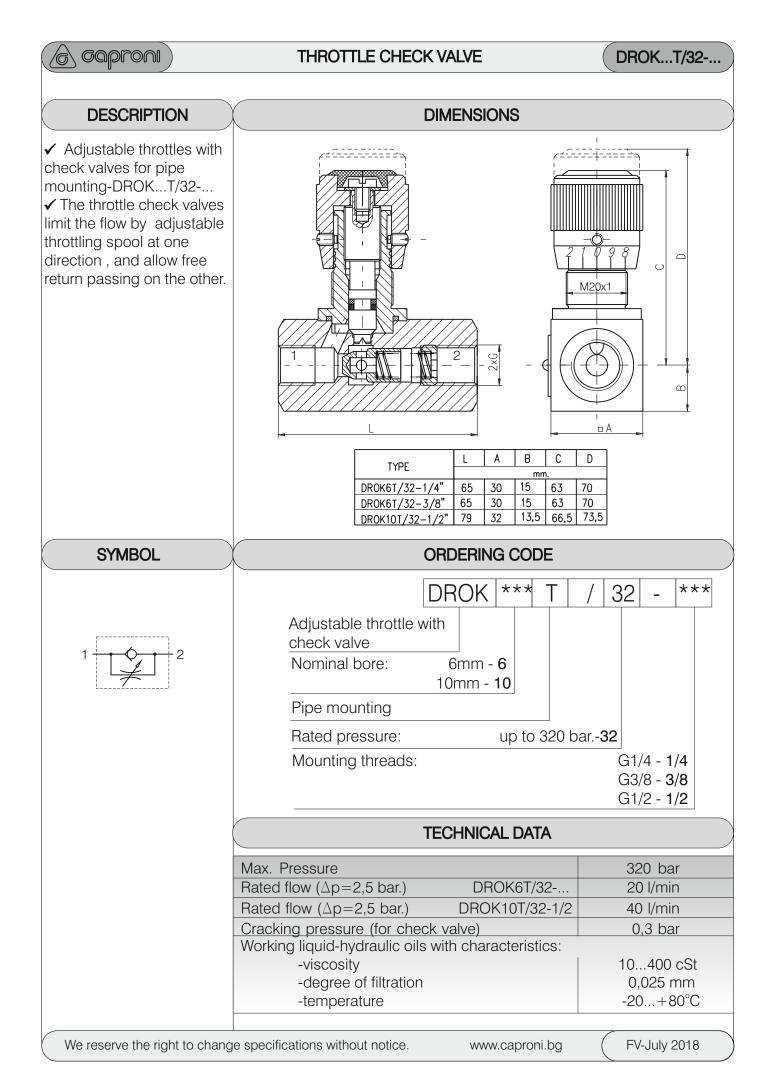


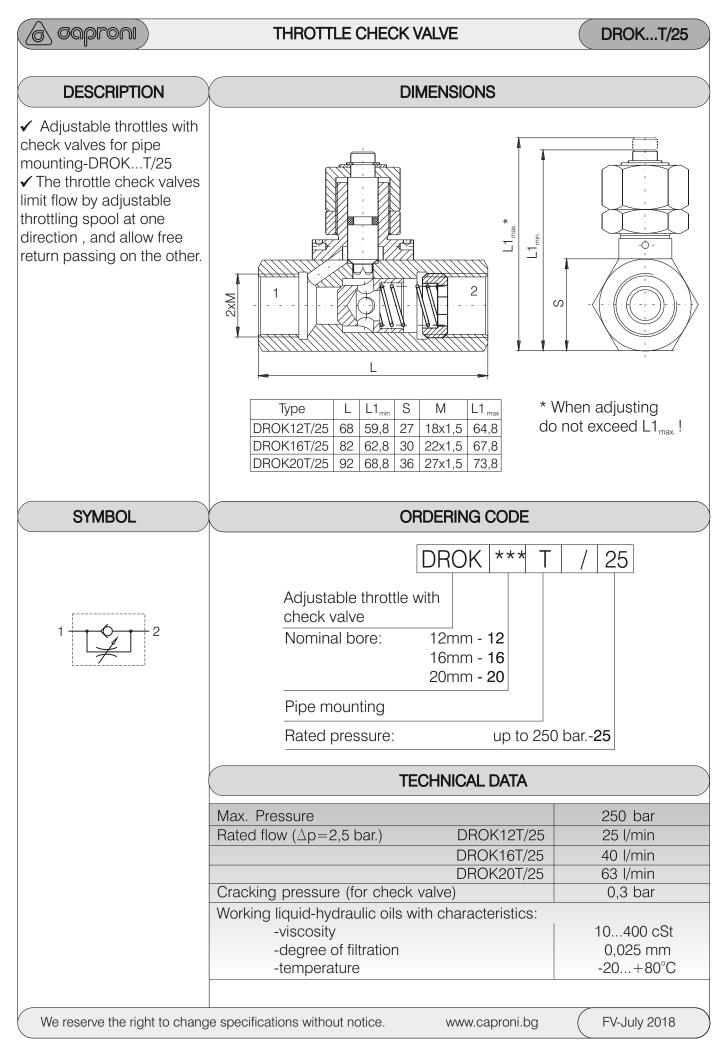


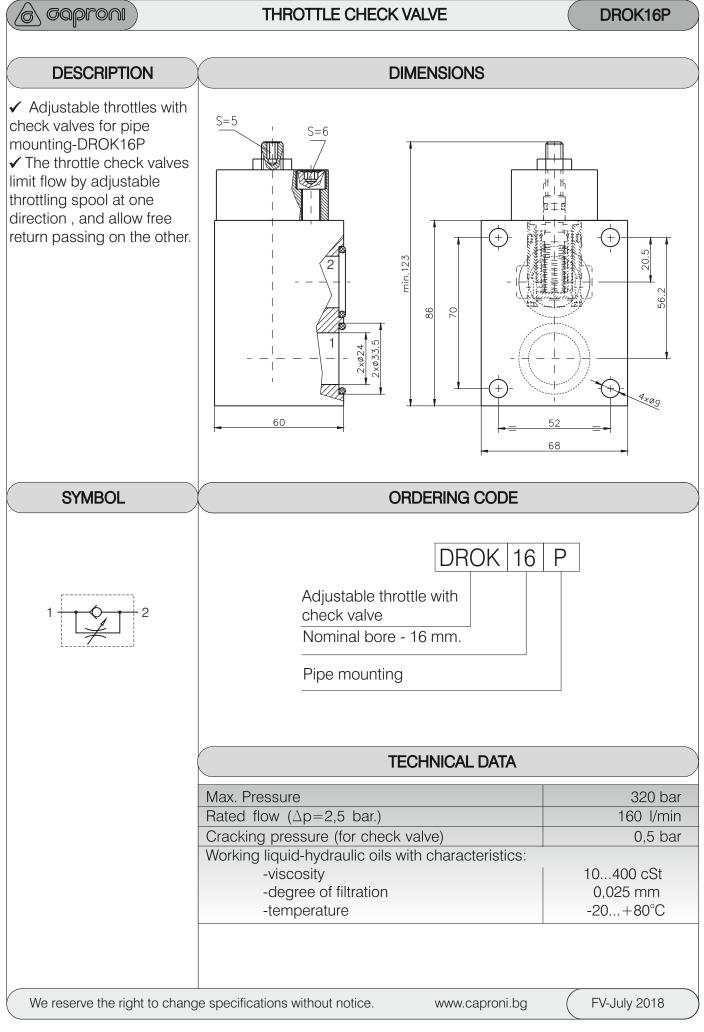
We reserve the right to change specifications without notice.

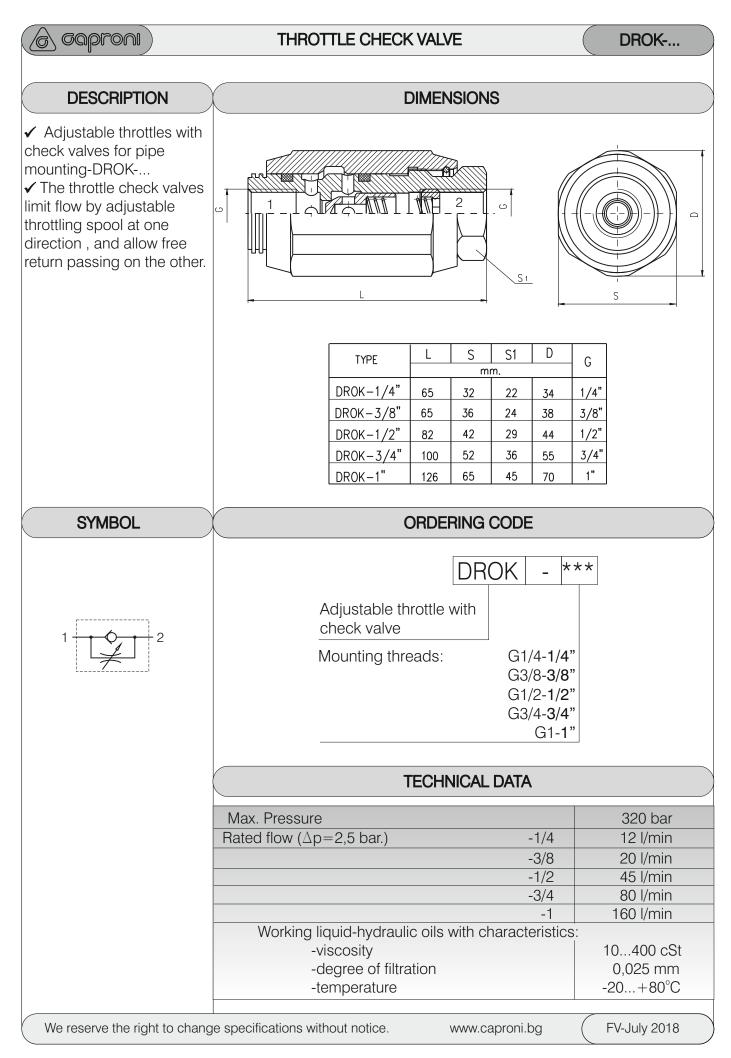
www.caproni.bg

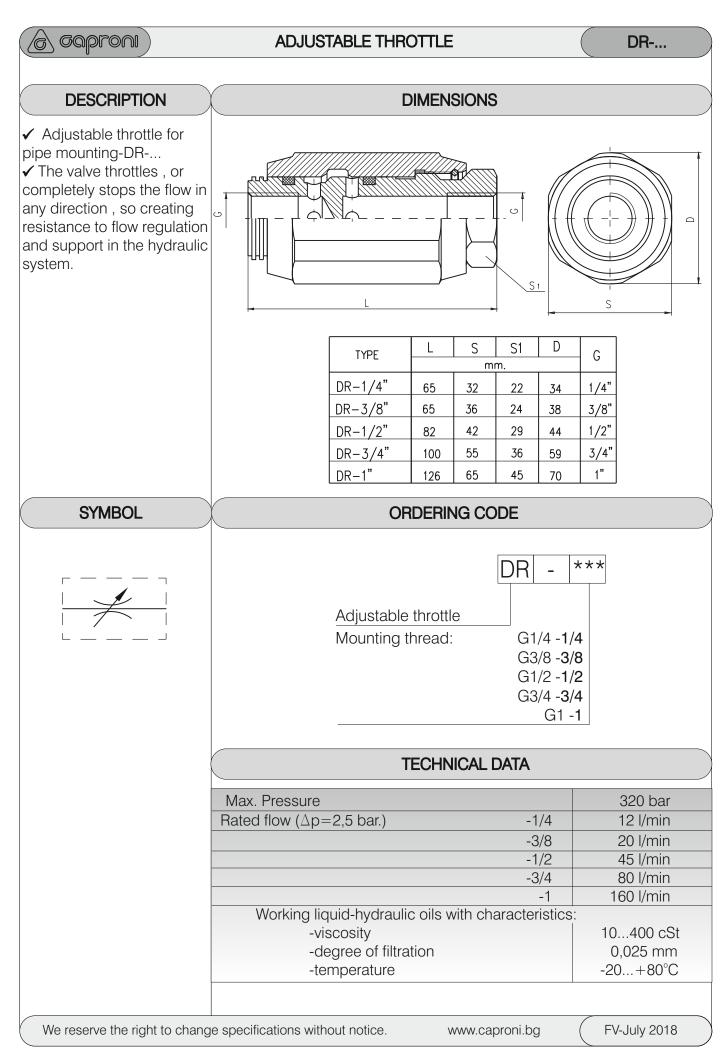
FV-July 2018







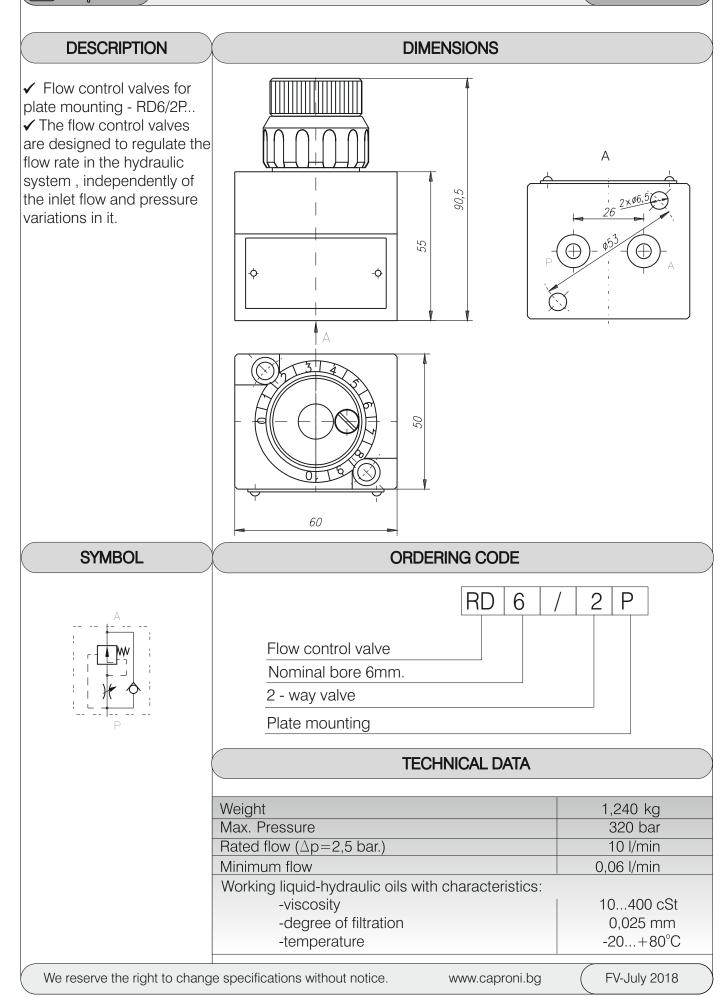






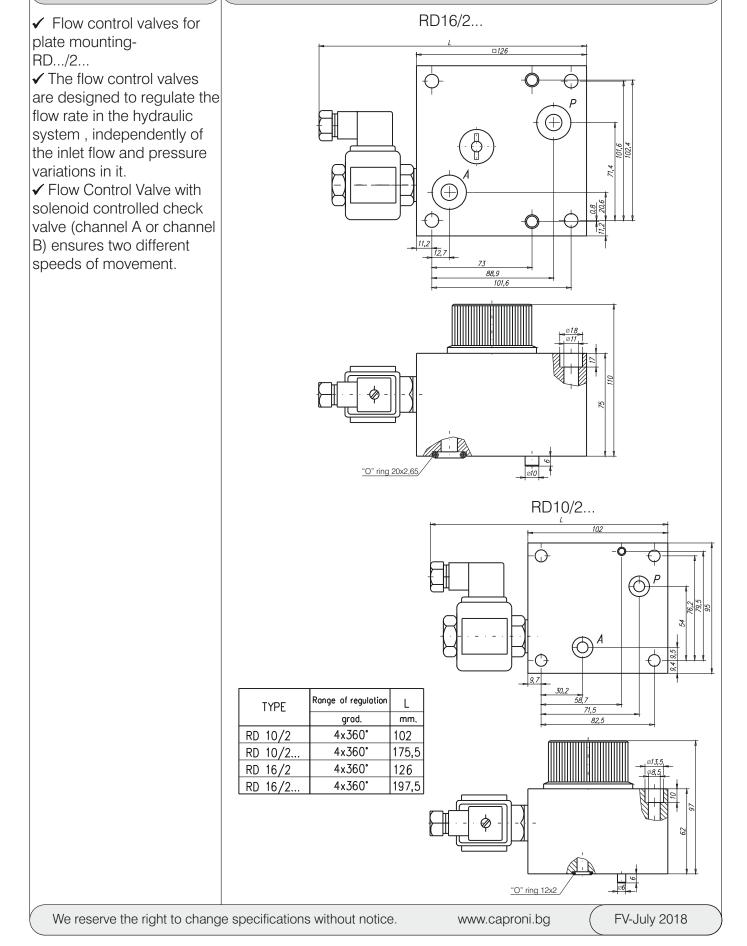
#### FLOW CONTROL VALVE

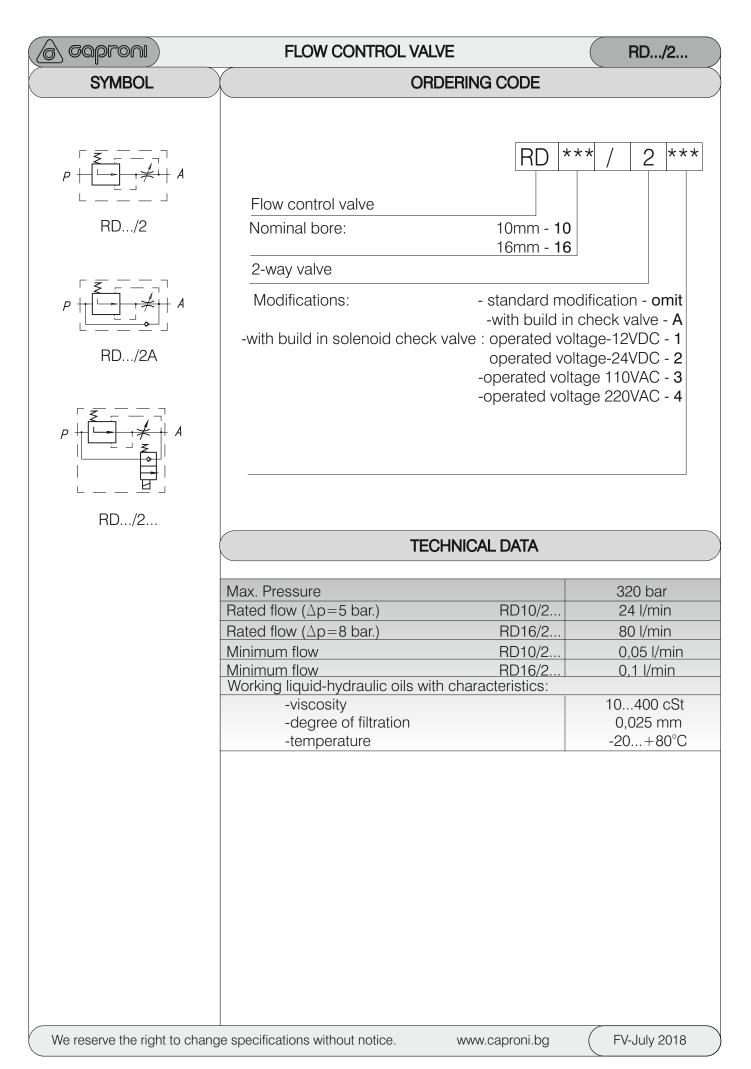
RD6/2P...



### DESCRIPTION

DIMENSIONS







RD10/3T...38...

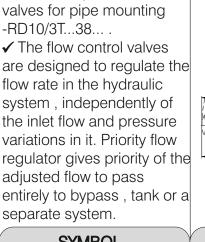
12

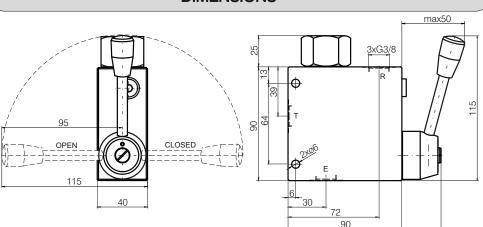


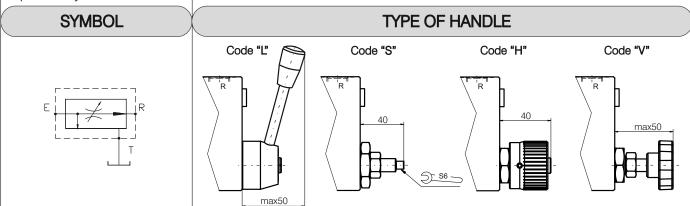
✓ Three way flow control

Gaproni

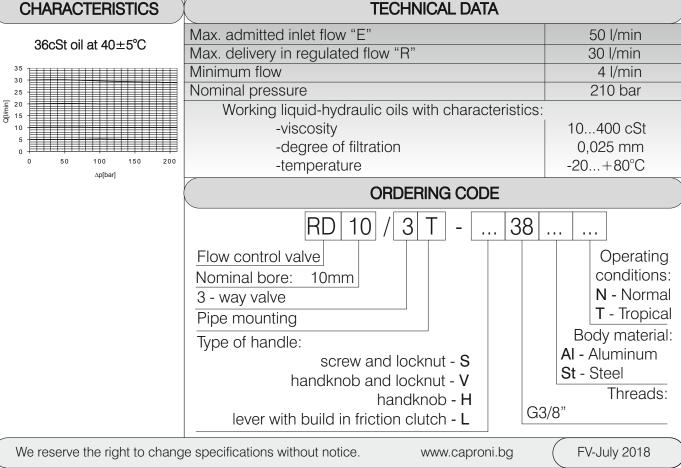


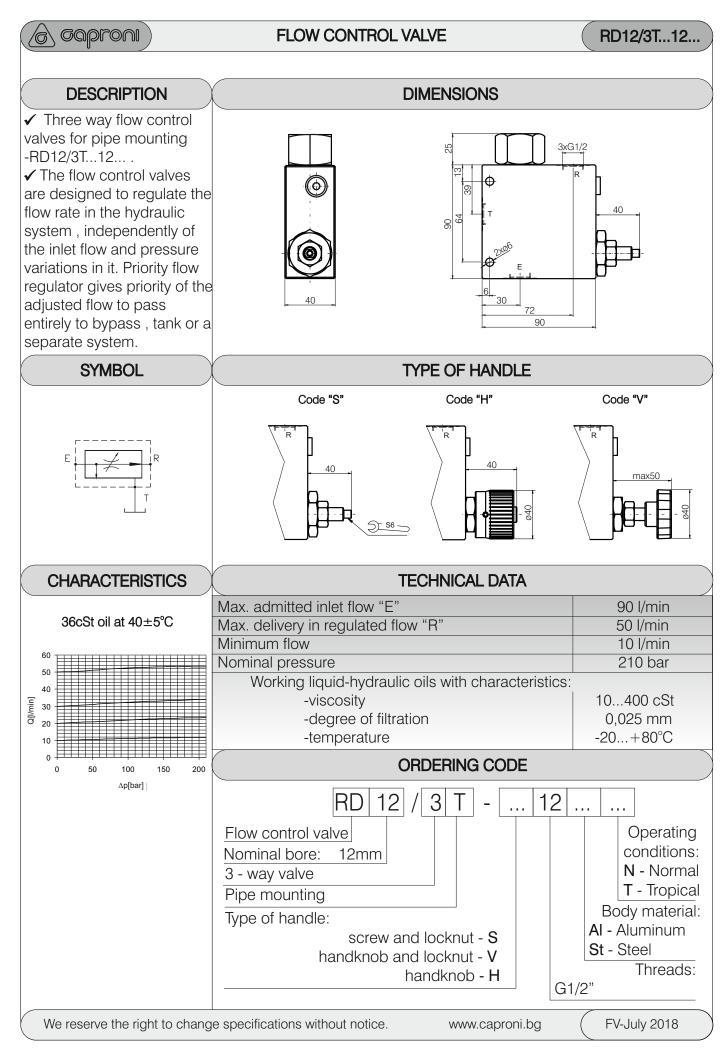












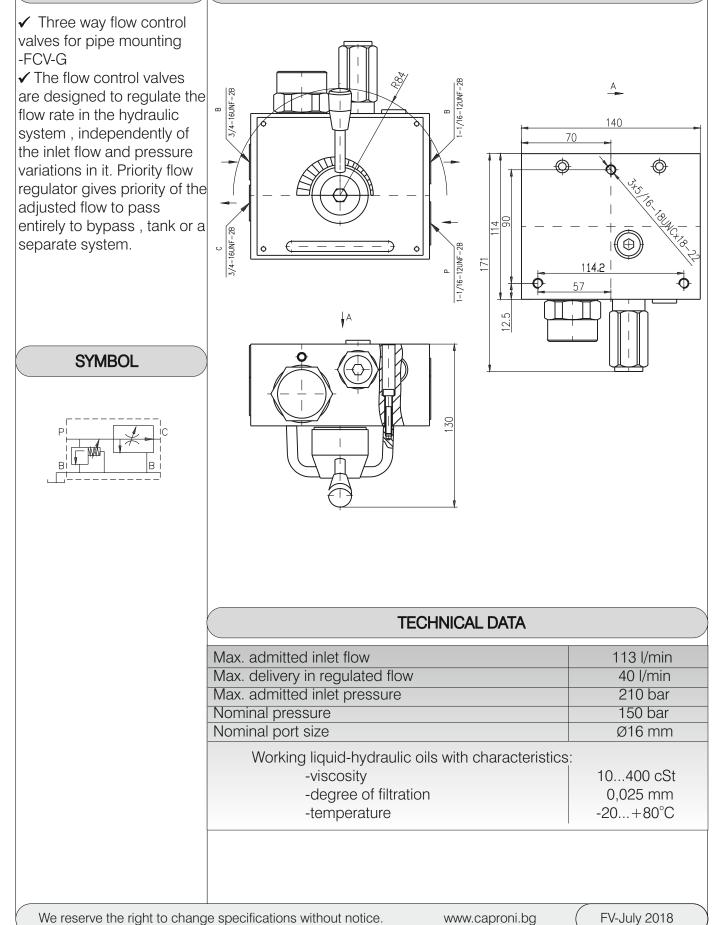


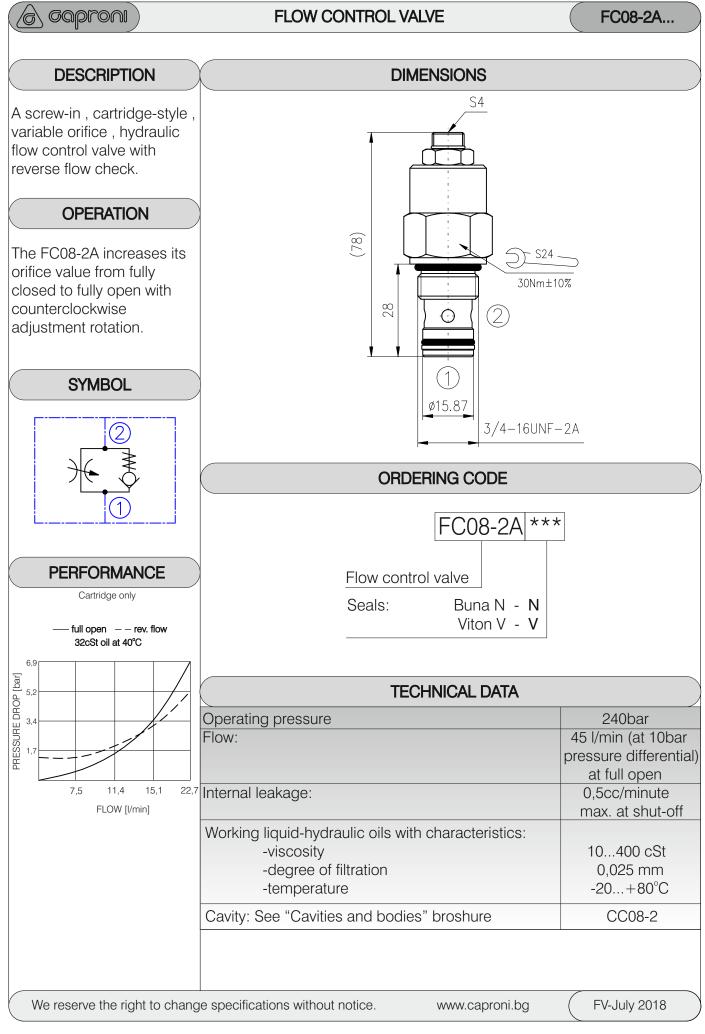
FCV-G

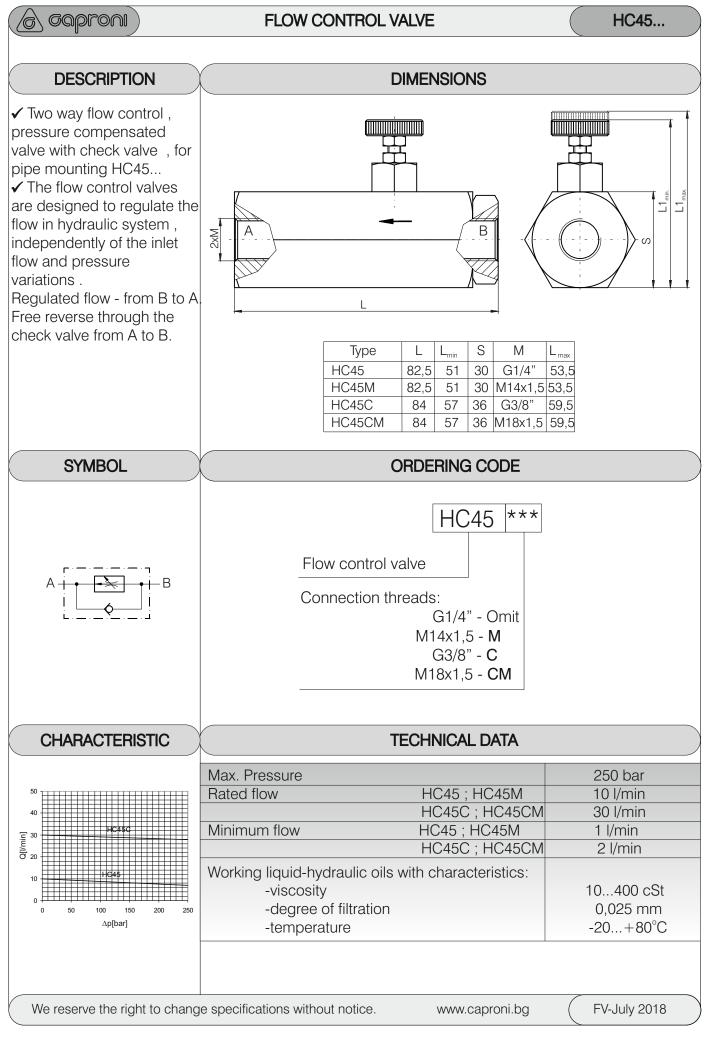


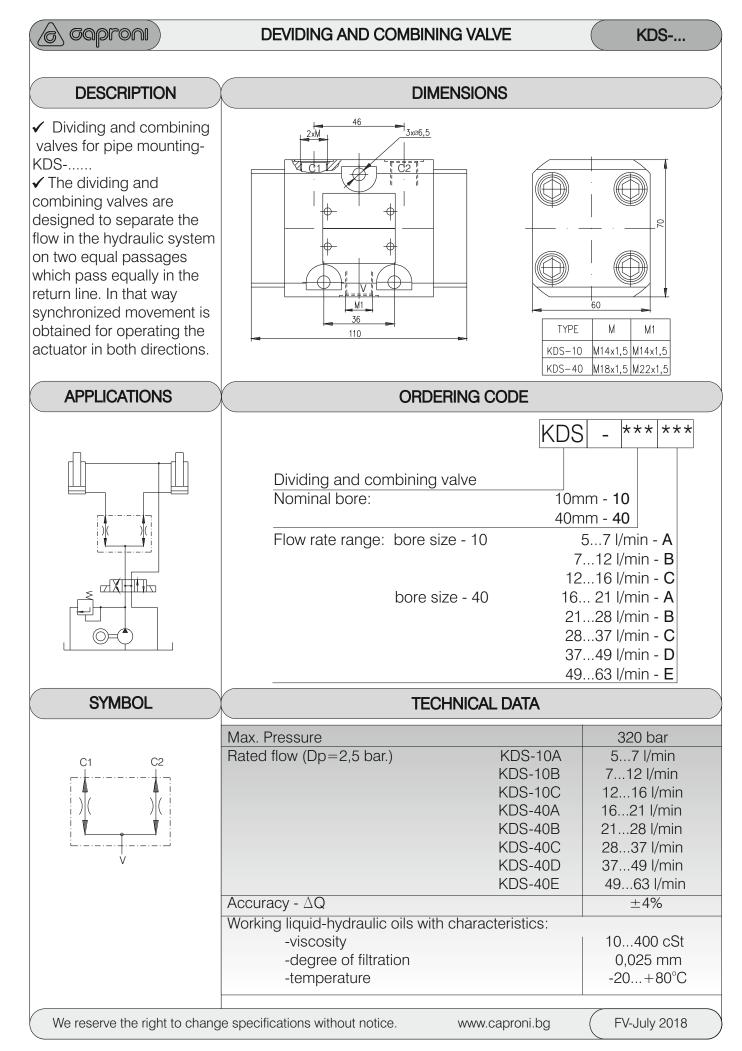
Gaproni

#### DIMENSIONS





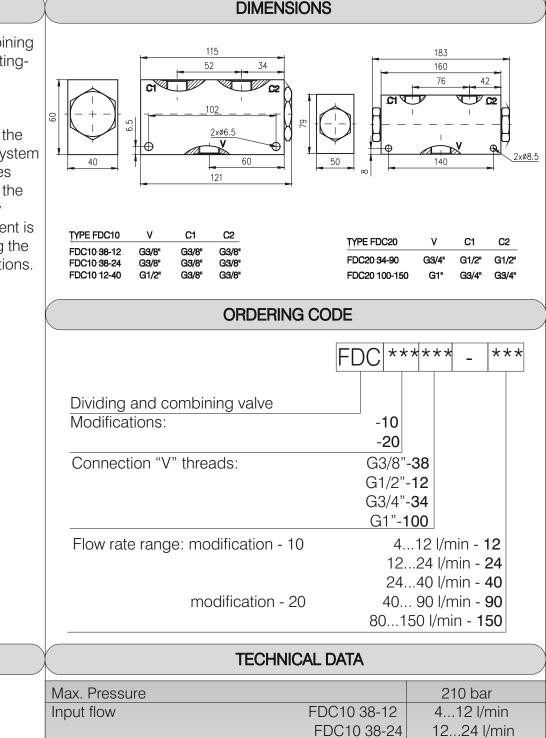




#### DESCRIPTION

✓ Dividing and combining valves for pipe mounting-FDC.....-...

✓ The dividing and combining valves are designed to separate the flow in the hydraulic system on two equal passages which pass equally in the return line. In that way synchronized movement is obtained for operating the actuator in both directions.



FDC10 12-40

FDC20 34-90

FDC20 100-150

24...40 l/min

40... 90 l/min

80...150 l/min

 $\pm 5\%$ 

10...400 cSt

0,025 mm -20...+80°C

FV-July 2018

**SYMBOL** 

|                               | -degree of filtration            |                |
|-------------------------------|----------------------------------|----------------|
|                               | -temperature                     |                |
|                               |                                  |                |
| We reserve the right to chang | e specifications without notice. | www.caproni.bg |

-viscosity

C1 and C2 -  $\Delta Q$ 

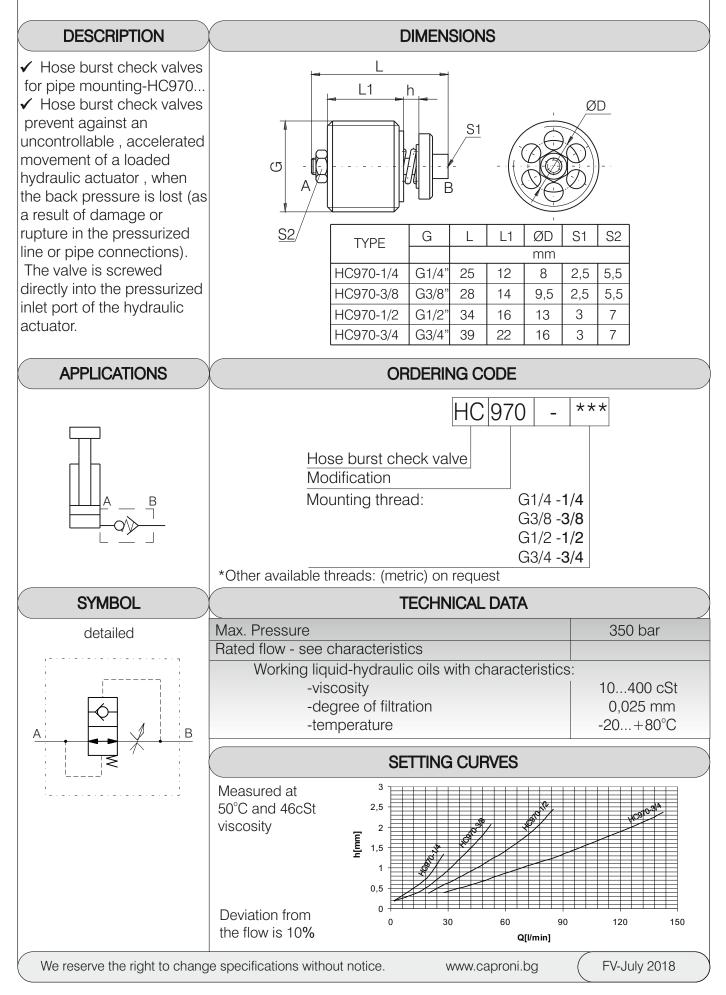
Accuracy at pressure diff. 12 MPa between

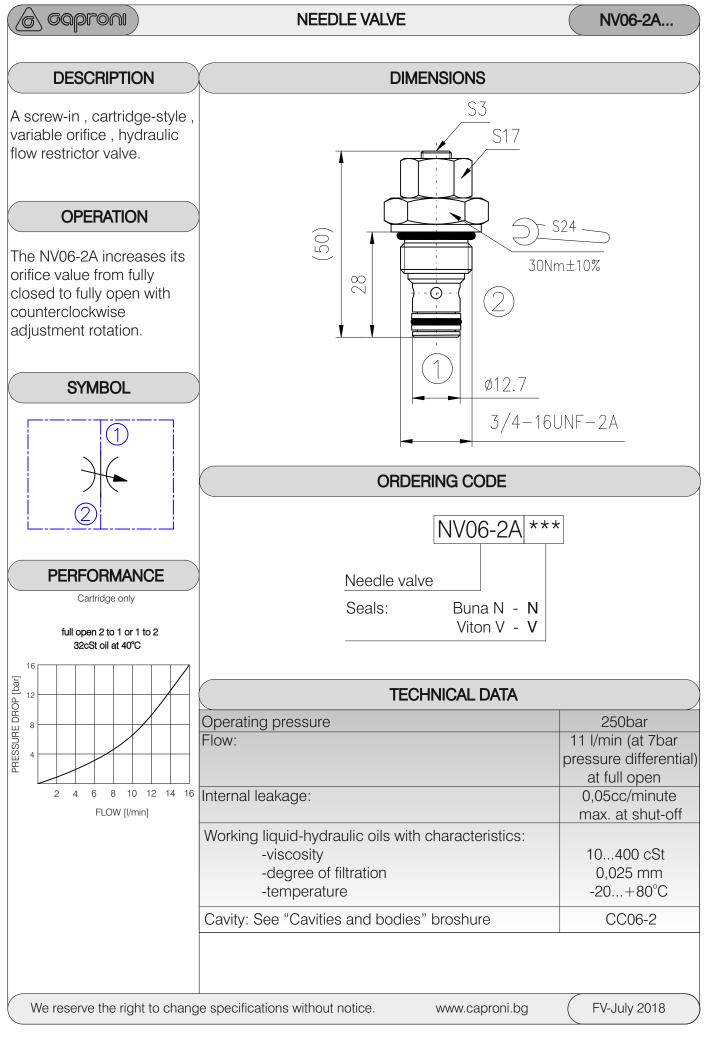
Working liquid-hydraulic oils with characteristics:

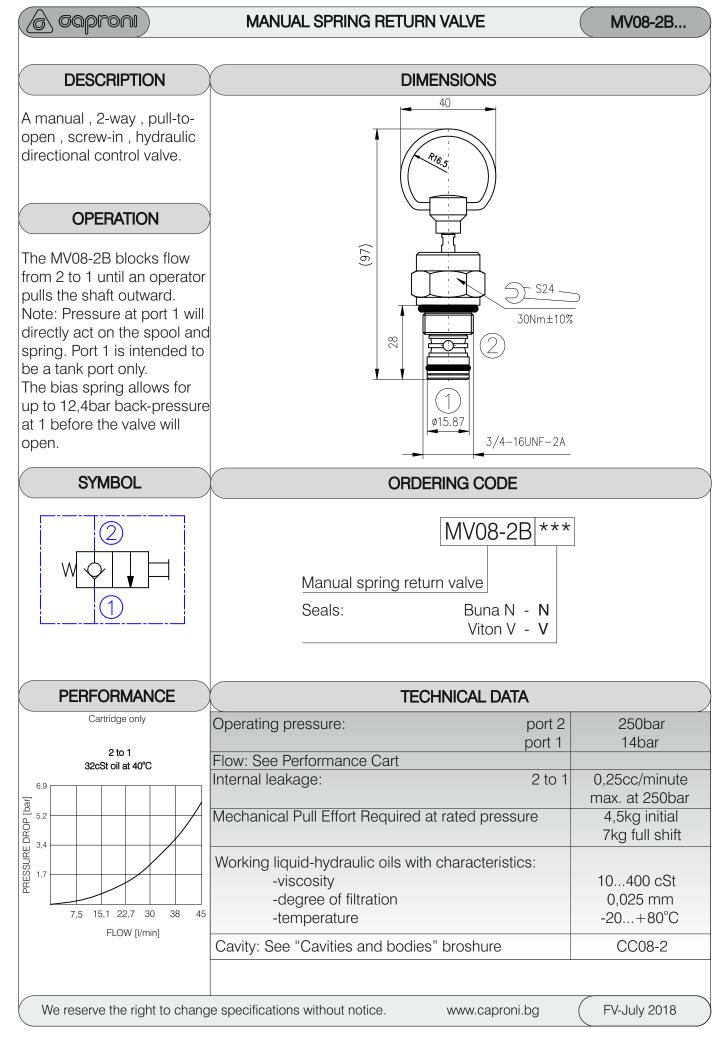
;\ caproni

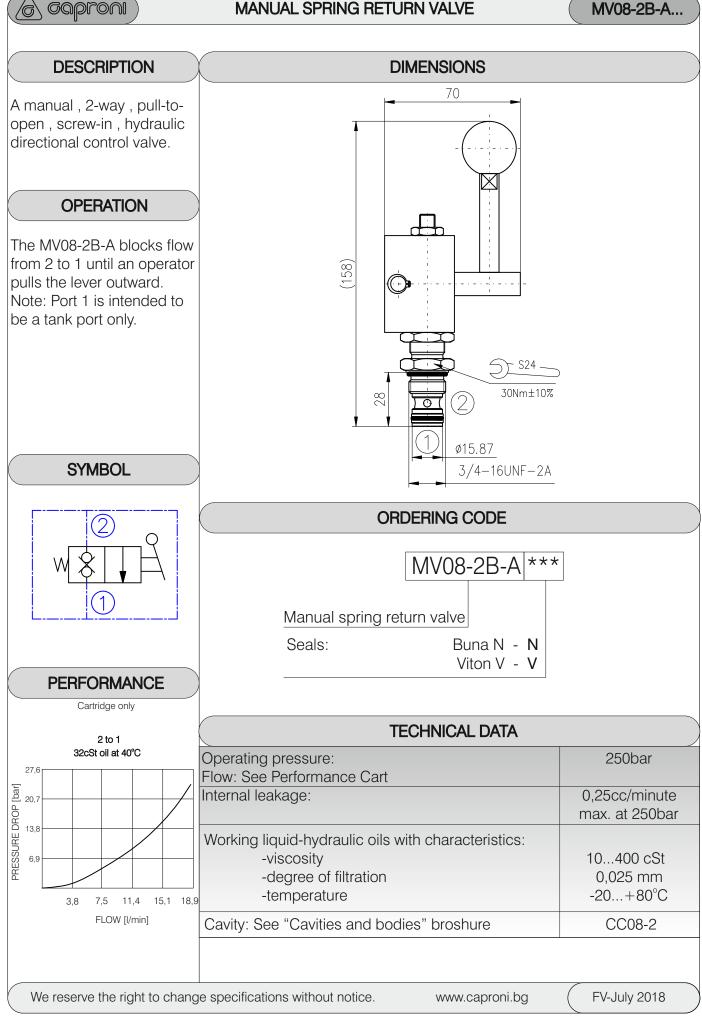
#### HOSE BURST CHECK VALVE

HC970-...





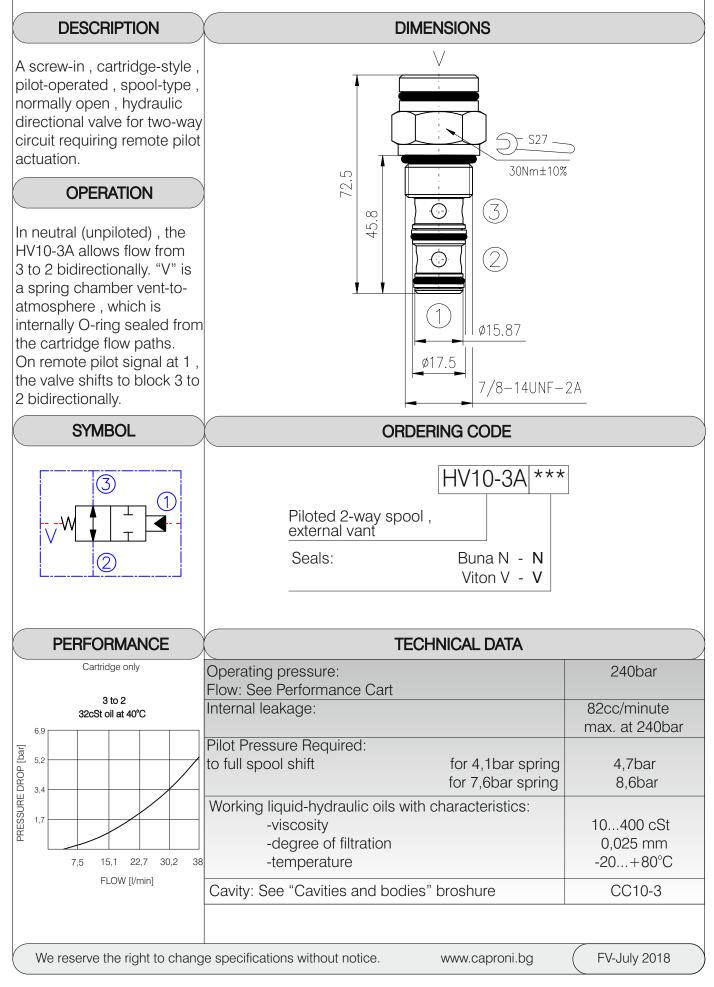


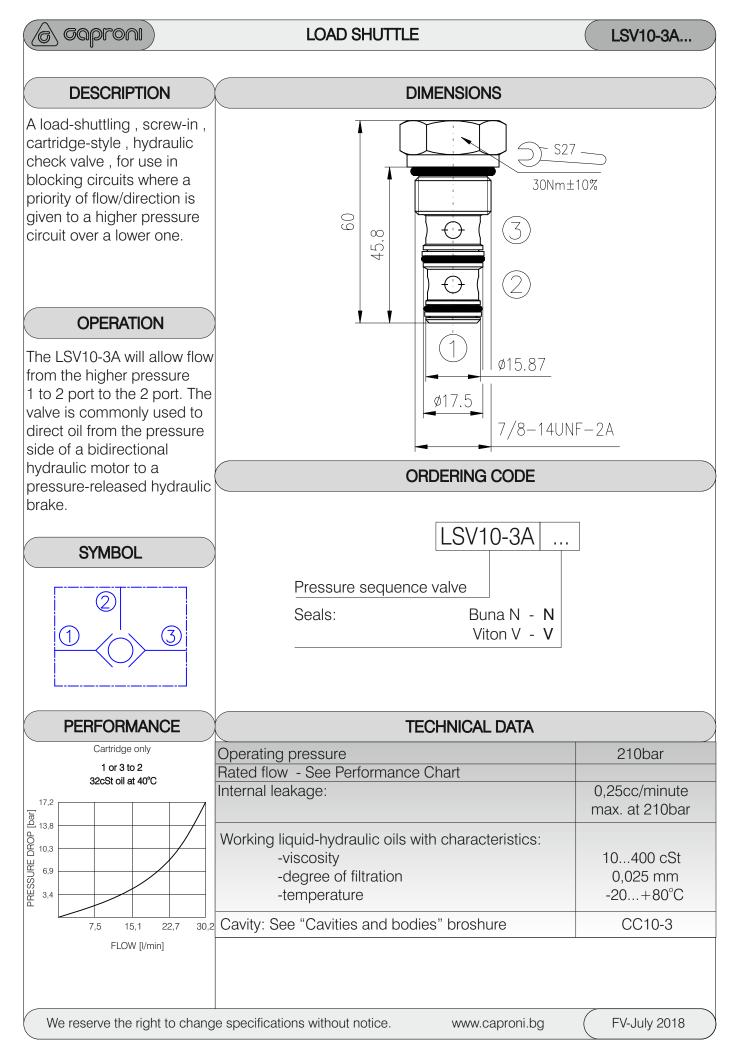


PILOTED 2-WAY SPOOL, EXTERNAL VENT

Gaproni

HV10-3A...







BULGARIA, 6100 KAZANLAK, 45 STOLETOV STR. Tel.:+359/431/62 229, +359/431/6132, Fax:+359/431/62 230, +359/431/63 134 E-mail:caproni@caproni.bg, WEB:http://www.caproni.bg