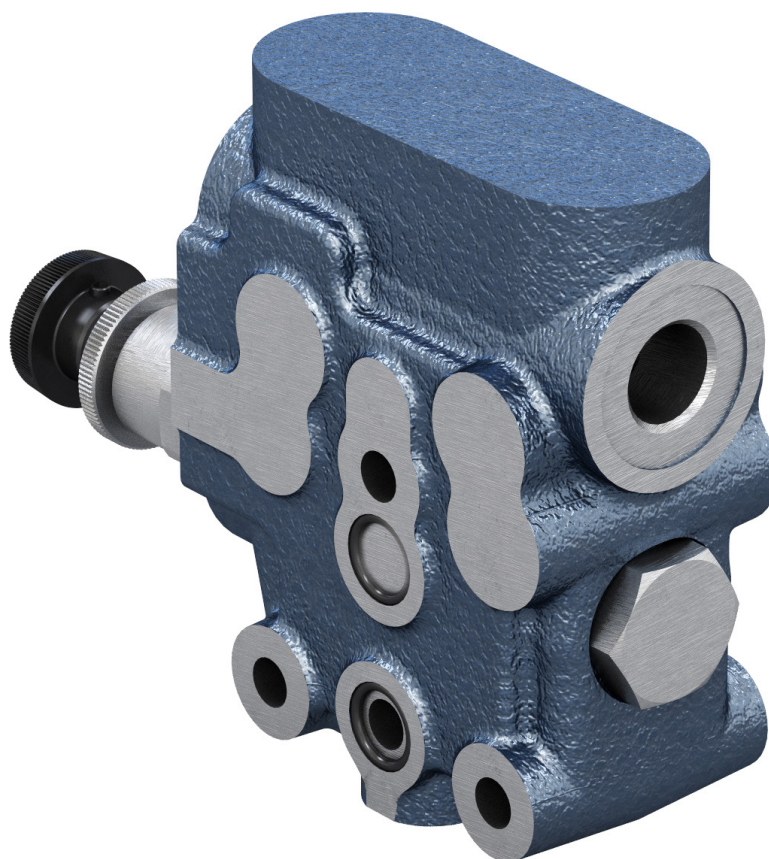
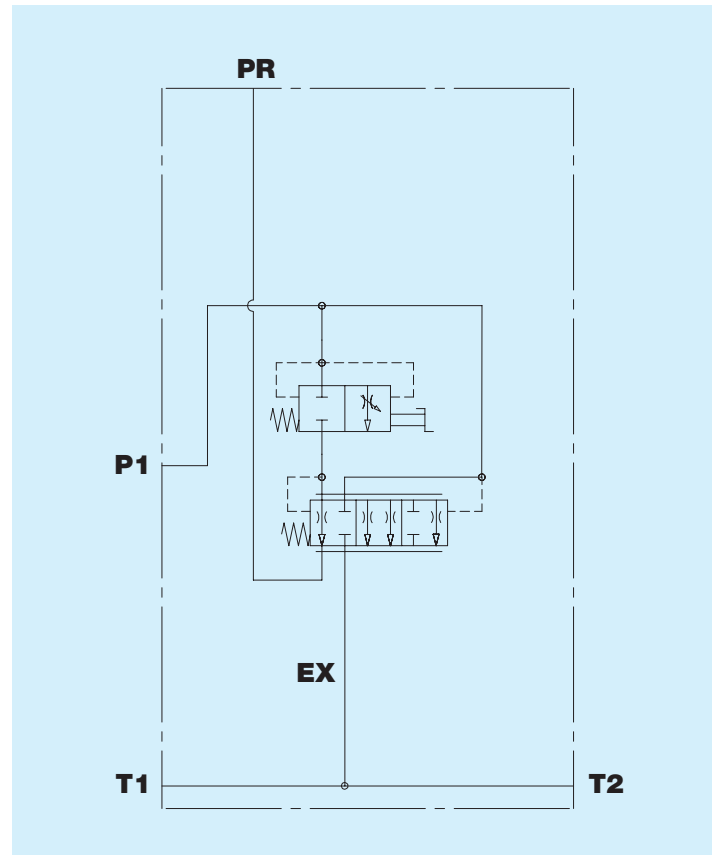


RF0500DM Manual compensated flow rate regulator with excess on unloading Interface IBW0500

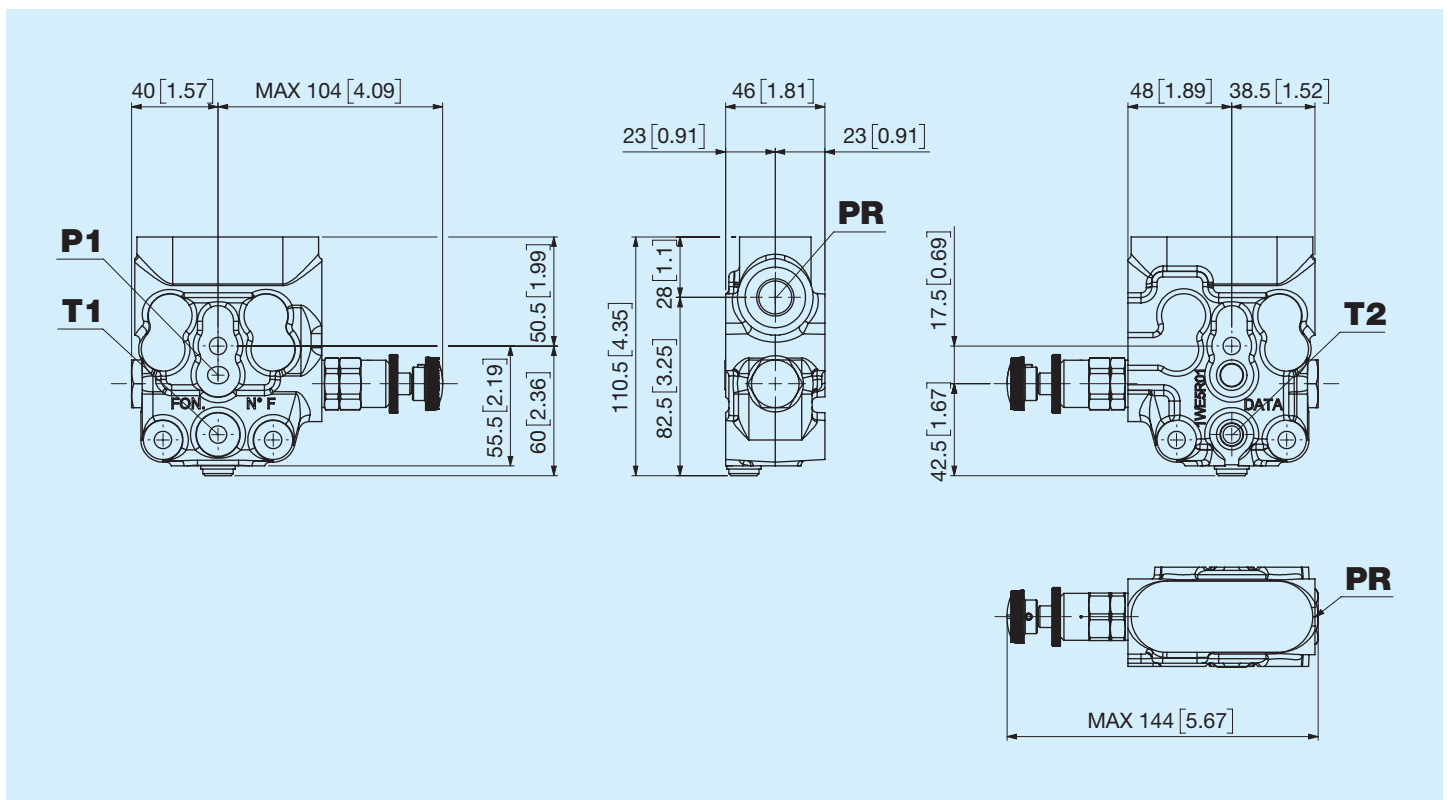


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

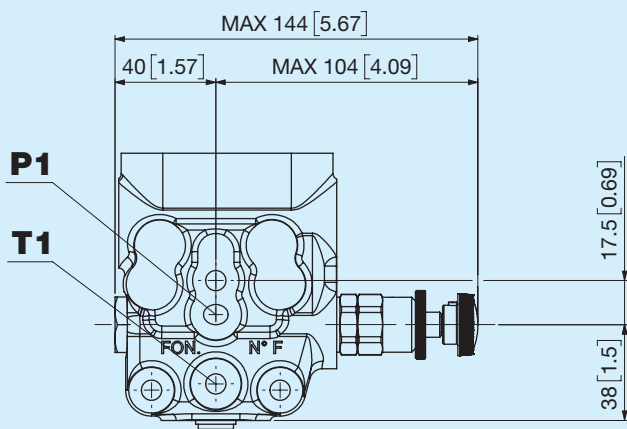
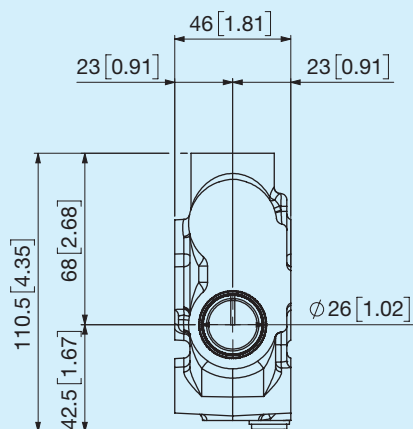
Nominal flow	50 l/min 13.2 US gpm
Nominal pressure	250 bar 3625 psi
Maximum tank pressure	50 bar 725 psi
Regulated flow rate	40 l/min - 10.56 US gpm 20 l/min - 5.28 US gpm
Temperature range	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Oil viscosity	from 15 mm²/s to 90 mm²/s (15 cSt to 90 cSt)
Fluid	Hydraulic fluids as defined in ISO 6743-4 standard
Weight	2.6 kg 5.73 lb
Interface	IBW0500



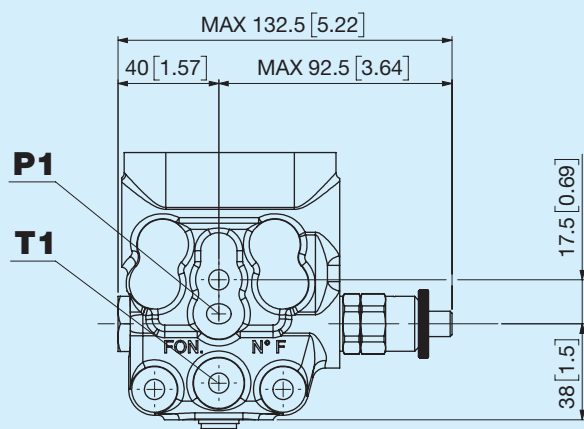
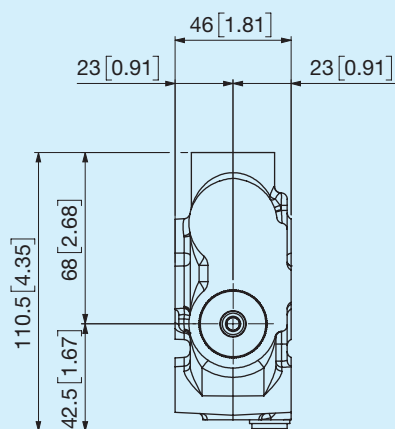
Dimensions



V With hand-wheel

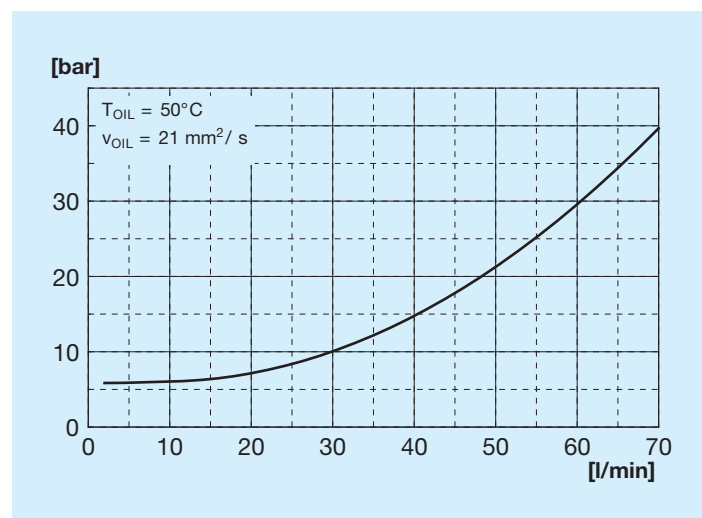
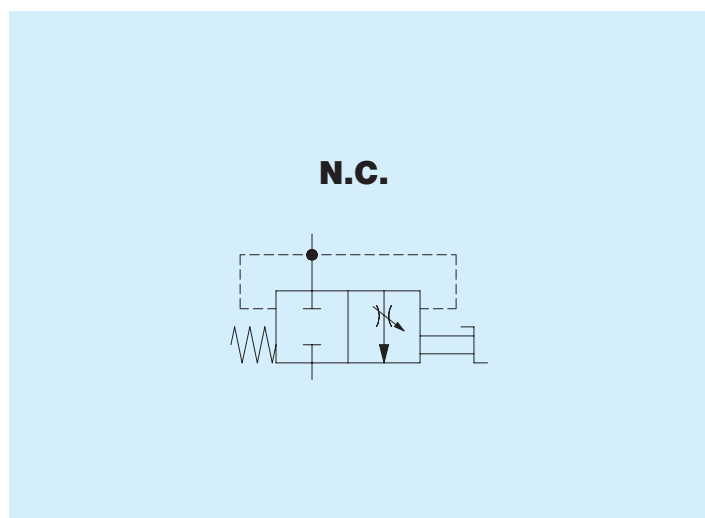


M With hex wrench screw



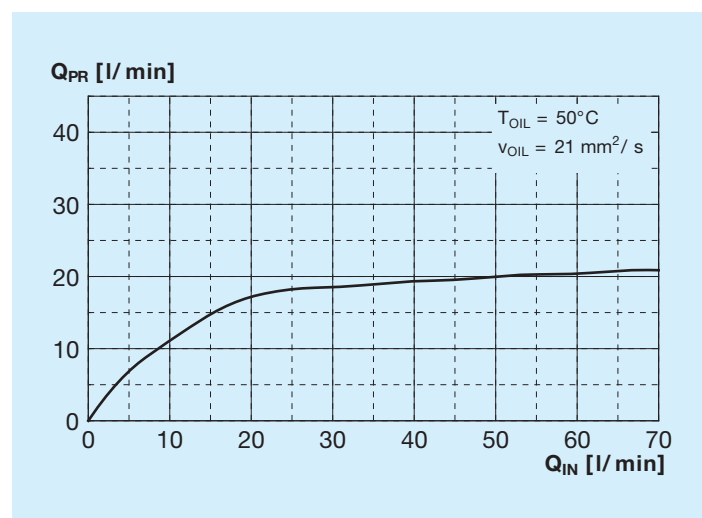
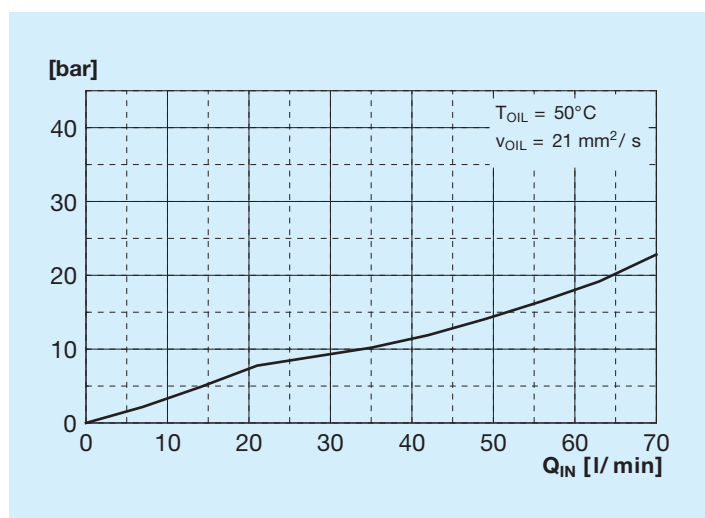
2-way priority cursor N.C.

ΔP P - EX/T



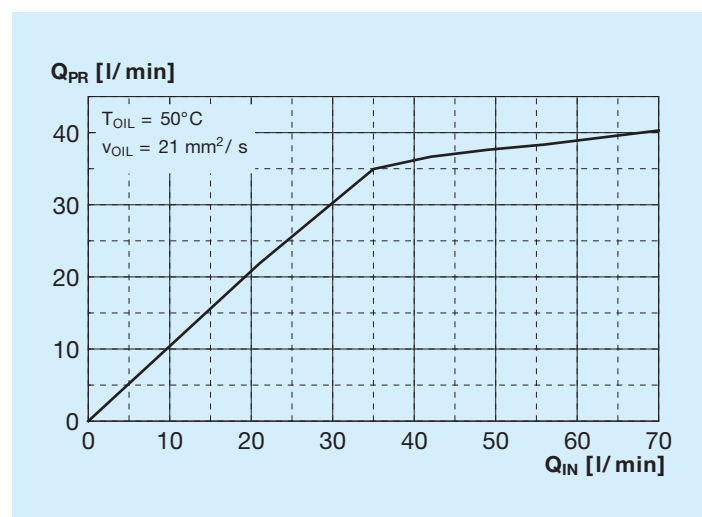
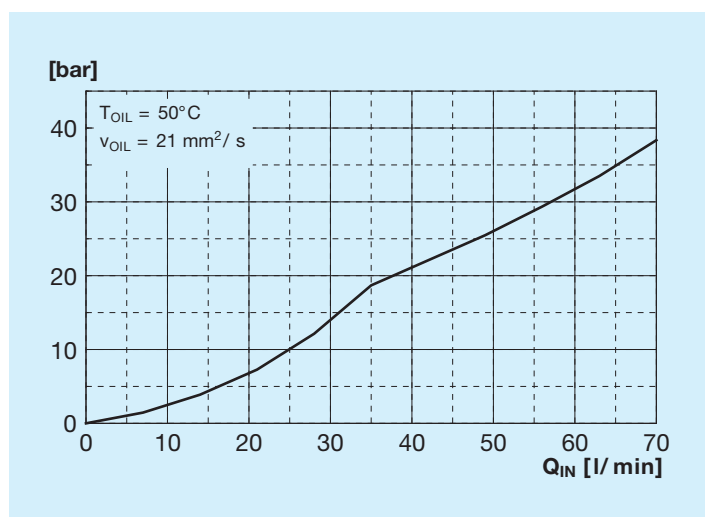
ΔP P - PR cursor 0-20 l/min

Flow rate P - PR cursor 0-20 l/min



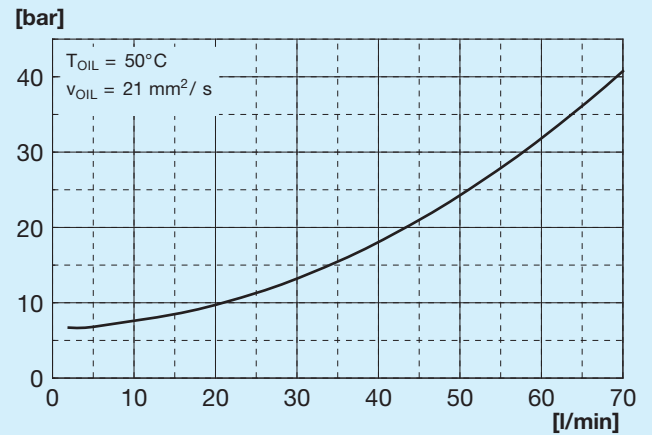
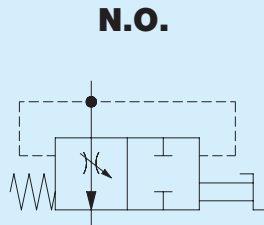
ΔP P - PR cursor 0-40 l/min

Flow rate P - PR cursor 0-40 l/min



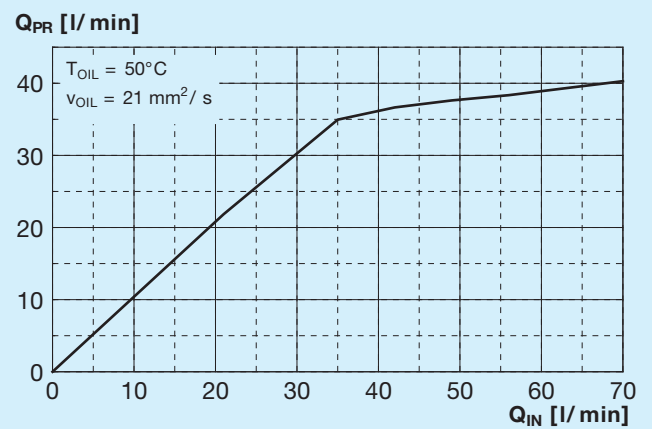
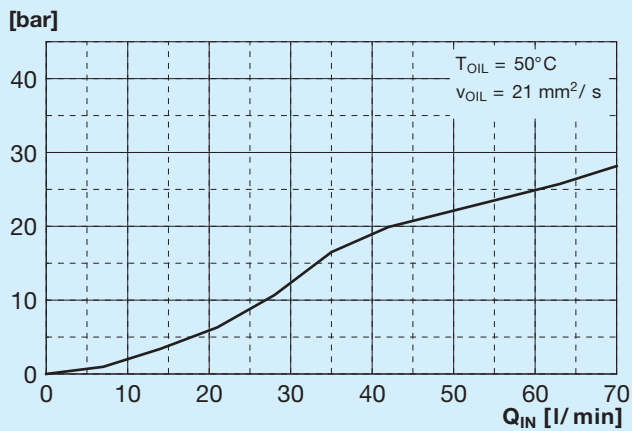
2-way priority cursor N.O.

ΔP P - EX/T



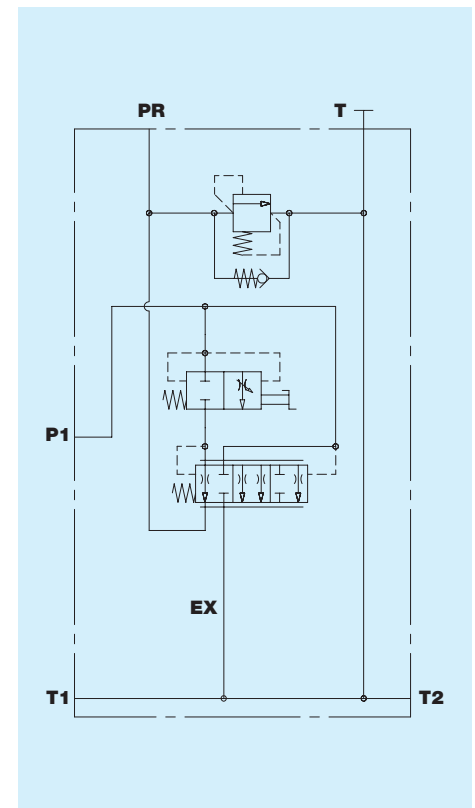
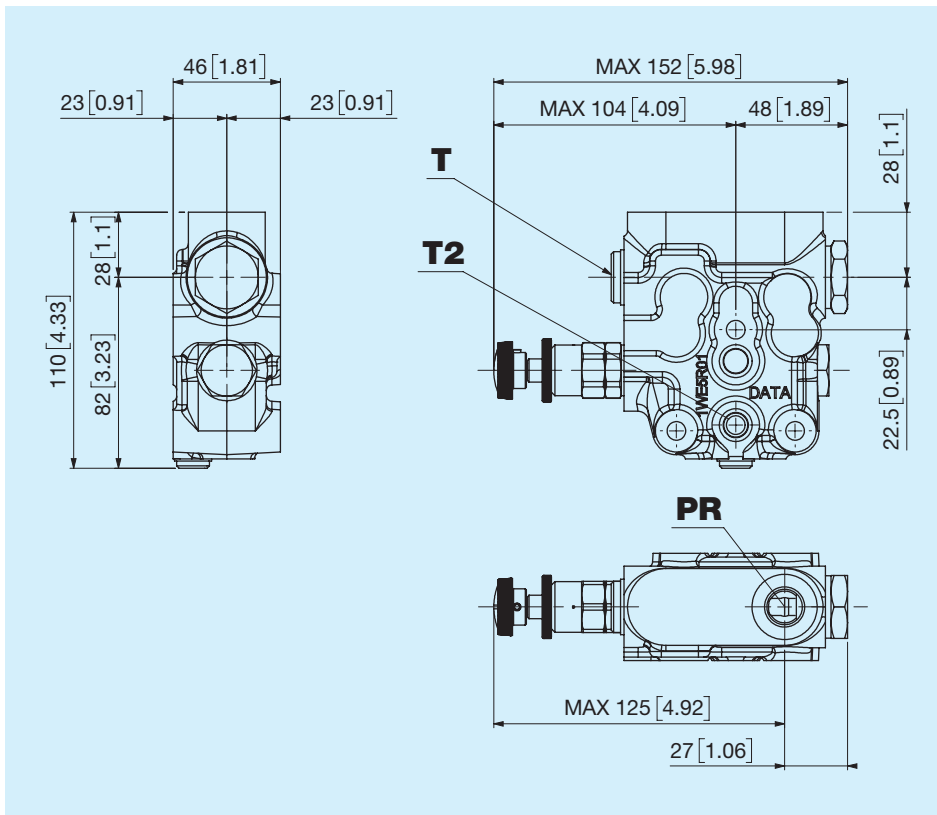
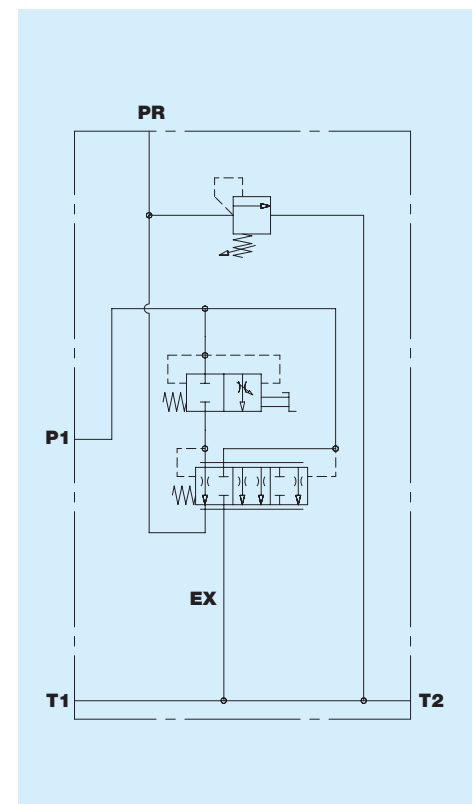
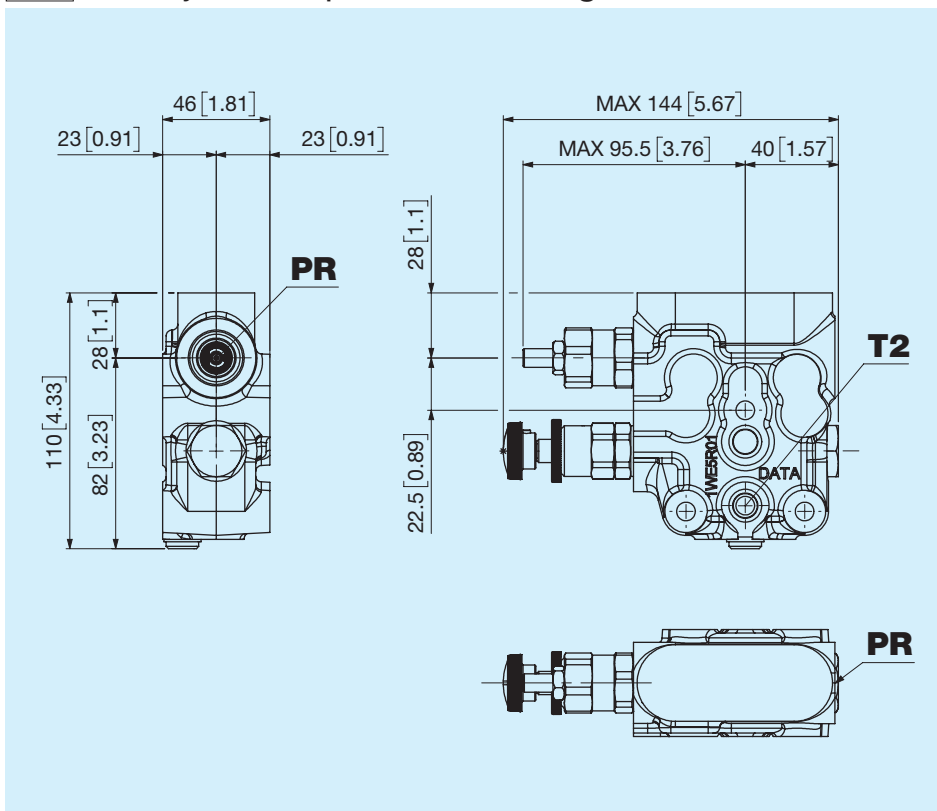
ΔP P - PR cursor 40-0 l/min

Flow rate P - PR Cursor 40-0 l/min



Thread port PR

Model	Type	Torque Nm
A	3/8" GAS ISO 1179	40
C	M18x1.5 ISO 9974	40
W	M18x1.5 ISO 6149	40
E	3/4" 16 SAE ISO 11926	50

A RC Pressure limiter and anticavitation cartridge**B** VL Adjustable pressure limiting valve

RF0500DM	1	2	3	4	5	6	7	8
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1	Actuator options V With hand-wheel M With hex wrench screw																															
2	Regulated flow rate A N.C. Normally closed 0 - 40 l/min 0 - 10.56 US B N.C. Normally closed 0 - 20 l/min 0 - 5.28 US gpm C N.O. Normally open 40 - 0 l/min 10.56 - 0 US																															
3	Thread type F Female M Male																															
4	Thread port PR A 3/8" GAS ISO 1179 C M18x1.5 ISO 9974 W M18x1.5 ISO 6149 E 3/4" - 16 SAE ISO 11926																															
5	Options line PR N None A RC Pressure limiter and anticavitation cartridge B VL Adjustable pressure limiting valve																															
6 7	Calibration pressure VL/RC <table border="1"> <tr> <td>NN None</td> <td>08 80 bar</td> <td>14 140 bar</td> <td>20 200 bar</td> </tr> <tr> <td>03 30 bar</td> <td>09 90 bar</td> <td>15 150 bar</td> <td>21 210 bar</td> </tr> <tr> <td>04 40 bar</td> <td>10 100 bar</td> <td>16 160 bar</td> <td>22 220 bar</td> </tr> <tr> <td>05 50 bar</td> <td>11 110 bar</td> <td>17 170 bar</td> <td>23 230 bar</td> </tr> <tr> <td>06 60 bar</td> <td>12 120 bar</td> <td>18 180 bar</td> <td>24 240 bar</td> </tr> <tr> <td>07 70 bar</td> <td>13 130 bar</td> <td>19 190 bar</td> <td>25 250 bar</td> </tr> </table>								NN None	08 80 bar	14 140 bar	20 200 bar	03 30 bar	09 90 bar	15 150 bar	21 210 bar	04 40 bar	10 100 bar	16 160 bar	22 220 bar	05 50 bar	11 110 bar	17 170 bar	23 230 bar	06 60 bar	12 120 bar	18 180 bar	24 240 bar	07 70 bar	13 130 bar	19 190 bar	25 250 bar
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8	External treatment A External treatment N None																															