

MULTIFUNCTIONAL HYDRAULIC VALVE "MODUL-GATE"

OMFB is glad to present a new multifunctional hydraulic valve flow diverter with pneumatic control and auxiliary control valves.



Pneumatic control valve for high flows, open centered to meet the CE requirements, it is especially designed for heavy duty tippers, off-road tippers and semi-trailers. We recommend to use OMFB air controls to enhance the proportional lowering speed. The main valve is made of nodular cast iron body treated with cataphoresis coating, nickel-coated spool and it is ready to accept one or more auxiliary valves. These auxiliary valves are pneumatically controlled and complete with manual override system and can be either single or double acting. They can be fitted together up to 3 sections. The main valve is complete with direct relief valve on the cylinder port as well as a relief valve and flow regulator on the auxiliary valve port.

Order codes are:

- **121-016-00103:** Main valve + 1 double acting section
- **121-016-00112:** Main valve + 1 single acting section
- **121-016-00201:** Main valve + 2 double acting sections
- **121-016-00210:** Main valve + 1 double acting section + 1 single acting section
- **121-016-00309:** Main valve + 3 double acting sections
- **121-016-00318:** Main valve + 2 double acting sections + 1 single acting section

TECHNICAL FEATURES OF MAIN VALVE		
Flow rate	<i>l/min.</i>	250
Max. working pressure	<i>bar</i>	320
Working temperature		-25 +80°C
Oil viscosity		12 - 100 cSt
Oil filtering		< 25 μm
Standard pressure setting	<i>bar</i>	160
Max. pressure setting	<i>bar</i>	280
Max. pneumatic pressure	<i>bar</i>	12

TECHNICAL FEATURES OF AUXILIARY VALVES		
Flow rate	<i>l/min.</i>	60
Max. working pressure	<i>bar</i>	320
Working temperature		-25° +80°C
Oil viscosity		12 - 100 cSt
Oil filtering		< 25 μm
Max. pneumatic pressure	<i>bar</i>	12