



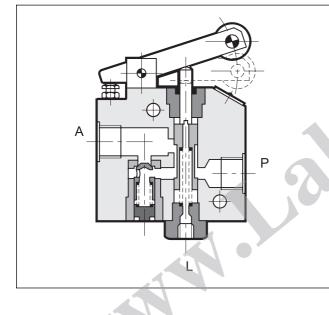
K4WA/C DECELERATION VALVE SERIES 10

THREADED PORTS

p max 150 bar

Q max 40 l/min

OPERATING PRINCIPLE



 The K4WA/C valve is a mechanically operated decelerating valve with BSPP threaded ports for in-line mounting on hydraulic lines.

It is normally used to change the movement speed of the hydraulic axis, such as changing from fast to slow, or for slow stops.

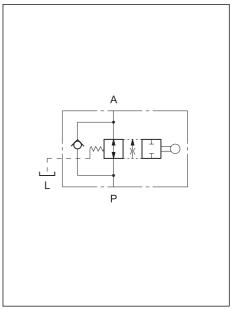
 The valve is normally open in the free condition and allows free flow passage from port P to port A.
The flow is partially or completely shut off by operating the mechanical drive of the valve.

 It is always supplied with a built in check valve that allows reverse free flow from port A to port P.

PERFORMANCE RATINGS (obtained with mineral oil with viscosity of 36 cSt at 50°C)

Maximum operating pressure	bar	150
Check valve cracking pressure	bar	0,5
Maximum flow rate	l/min	40
Maximum leakage with valve closed (Δ p 100 bar)	l/min	0,05
Adj. travel (from compl. open to compl. closed)	mm	20
Ambient temperature range	°C	-20 ÷ +50
Fluid temperature range	°C	-20 ÷ +70
Fluid viscosity range	cSt	2,8 ÷ 380
Recommended filtration	µm absolute	<u><</u> 25
Recommended viscosity	cSt	25
Mass	kg	2,5

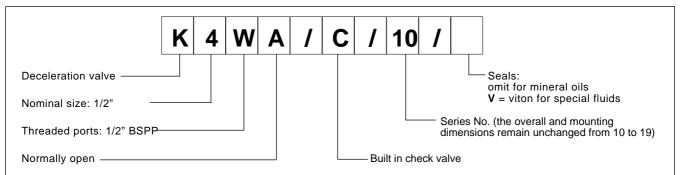
HYDRAULIC SYMBOL



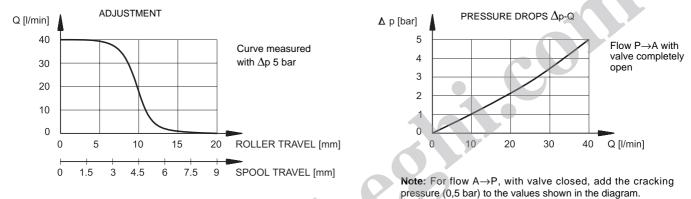


K4WA/C SERIES 10

1 - IDENTIFICATION CODE



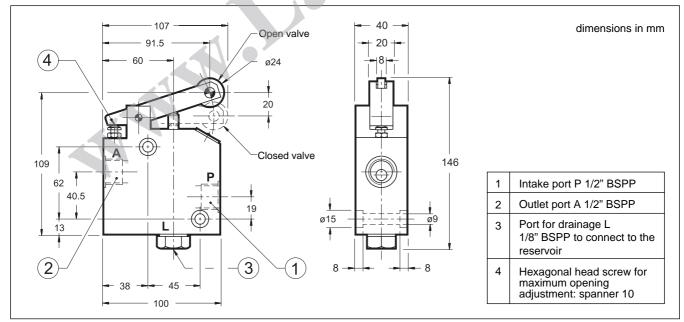
2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

4 - OVERALL AND MOUNTING DIMENSIONS





DUPLOMATIC OLEODINAMICA SpA

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