

K40



Lubrication Solutions Inc
 19703-B Eastex Freeway #100
 Humble TX 77338
 Phone 281-619-8109
 www.lsidef.com



Mechanical oil nozzle meter

K40 is an oil meter with oval gears and mechanical counter. The oval gear measuring system guarantees high precision with low pressure loss and, thanks to the mechanical display system, the meter can be used in even the worst conditions. A strong aluminium body provides advanced resistance to high pressures. The K40 can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted with a balanced valve for reduced trigger pressure. K40 is a compact, reliable, lightweight instrument for controlling fluid deliveries in the most disparate conditions of use.

Performance

Flow rate from 1 to 30 l/min
 Precision $\pm 1\%$ in all flow range.
 Repetitiveness 0.2%
 Loss of pressure: 0.7 bar (15 l/min with SAE10W40 oil)
 Max. working pressure: max 70 bar
 Bursting pressure: 210 bar

Specifications

Meter with oval gears, with gears in acetal resin.
 Mechanical counter with total-partial resetting. Partial with 3 figures + 1 decimal. Total 6 figures.
 Available in litre or quart versions.

Meter body in die-cast aluminium to withstand high pressure.
 Input/output 1/2" GAS (NPT)
 Nozzle with: trigger protection to avoid accidental operations.
 Input with rotating 1/2" Gas (NPT) attachment and incorporated filter.
 Rigid or flexible end with automatic drip proof valve.



Mechanical counter with total-partial resetting.

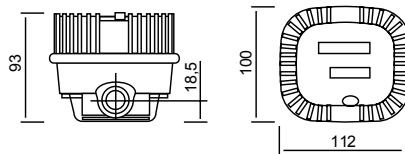


Flow rate 1 ÷ 30 l/min

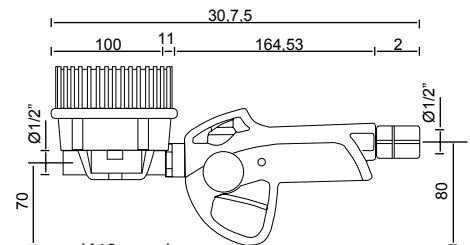
Accuracy $\pm 1\%$

Rigid ext.

Flex ext.



K40 mechanical oil meter



K40 nozzle

K40

Code	Description		Flow rate		Pressure		Inlet	Outlet	Weight Kg	Packaging mm
			l/min	gal/min	bar	psi				
F00490020	K40 mechanical oil meter LT/GAS		1÷30	0,3÷8	70	994	1/2" Gas	1/2" Gas	0,78	160x115x135
F00490010	K40 mechanical oil meter QT/NPT		1÷30	0,3÷8	70	994	1/2" NPT	1/2" NPT	0,78	160x115x135
F00973000	K40 nozzle LT/GAS		1÷30	0,3÷8	70	994	1/2" Gas	1/2" Gas	1,23	345x165x120
F00973010	K40 nozzle QT/NPT		1÷30	0,3÷8	70	994	1/2" NPT	1/2" NPT	1,23	345x165x120
F00973020	K40 nozzle LT/GAS with flex ext.		1÷30	0,3÷8	70	994	1/2" Gas	Ext. flex	1,53	345x165x120
F00973030	K40 nozzle LT/GAS with rigid ext.		1÷30	0,3÷8	70	994	1/2" Gas	Ext. rigid	1,53	345x165x120