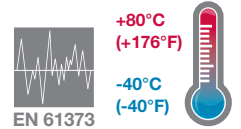


- > **Port size: 1/4" ... 3/4" (ISO G/PTF)**
- > **Wide temperature range**
- > **Non-rising adjusting knob has snap-action lock**
- > **Shock and vibration tested to EN 61373, Category 1, class A and B**
- > **Diaphragm and balanced valve design ensure good regulation characteristics**



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Pressure range:

0,3 ... 10 bar (4 ... 145 psi)

Other pressure ranges are available contact Norgren

Port sizes:

1/4", 3/8", 1/2" or 3/4"

Gauge port:

1/8 PTF with PTF main ports

Rc1/8 with ISO G main ports

Flow:

See table below

Relieving:

With

Ambient/Media temperature:

-40° ... +80°C (-40° ... +176°F)

Version with gauge:

-40° ... +65°C (-40° ... +149°F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body and yoke: Zinc alloy


Connection piece: Aluminium

Bonnet: Aluminium

Adjusting knob: Acetal resin

Elastomers: Synthetic rubberw

Technical data - standard models

Symbol	Port size	Size	Flow*		Weight		Model	
			dm³/s	scfm	(kg)	(lbs)	ISO G thread	PTF thread
	1/4"	—	35	74	1,54	3.39	LR64G-2GK-RMN	LR64G-2AK-RMN
	3/8"	—	80	170	1,52	3.35	LR64G-3GK-RMN	LR64G-3AK-RMN
	1/2"	Basic	120	254	1,49	3.28	LR64G-4GK-RMN	LR64G-4AK-RMN
	3/4"	—	120	254	1,85	4.07	LR64G-6GK-RMN	LR64G-6AK-RMN
	Without yoke	—					LR64G-NNK-RMN	LR64G-NNK-RMN

* Typical flow with 10 bar (145 psi) inlet pressure, and 6,3 bar (91 psi) set pressure and 1 bar (14.5 psi) drop from set.

Option selector

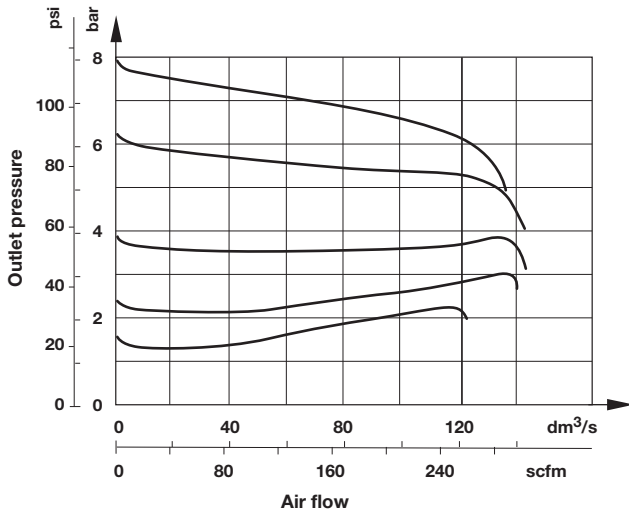
LR64G-★K-RMN

Port size	Substitute
1/4"	2
3/8"	3
1/2"	4
3/4"	6
Without yoke	N

Thread	Substitute
PTF	A
ISO G parallel (standard)	G
Without yoke	N

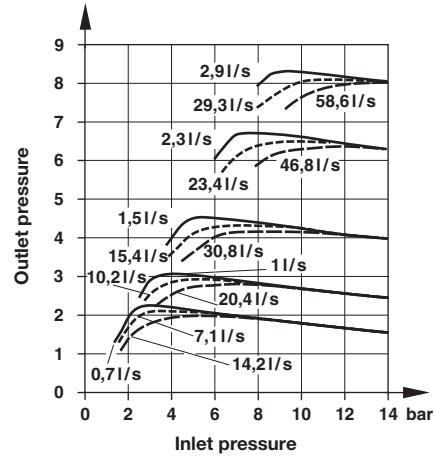
Flow characteristics

Inlet pressure: 10 bar, port size: 1/2"
Pressure range: 0,3 ... 10 bar



Regulating characteristics


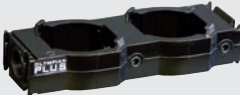


Port size: 1/2"



Accessories, service kit and gauges



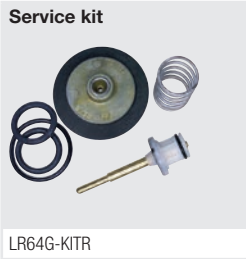
Accessories

	Models with G-thread Single yoke	Double yoke	End connector kit	Rear entry bracket kit
				
Thread	5		2	8
G1/4	Y64A-2GA-N1N	Y64A-2GA-N2N	—	—
G3/8	Y64A-3GA-N1N	Y64A-3GA-N2N	—	—
G1/2	Y64A-4GA-N1N	Y64A-4GA-N2N	74505-50	—
G3/4	Y64A-6GA-N1N*	Y64A-6GA-N2N*	74505-53	18-026-981
1/4 PTF	Y64A-2AA-N1N	Y64A-2AA-N2N	—	—
3/8 PTF	Y64A-3AA-N1N	Y64A-3AA-N2N	—	—
1/2 PTF	Y64A-4AA-N1N	Y64A-4AA-N2N	74505-52	—
3/4 PTF	Y64A-6AA-N1N*	Y64A-6AA-N2N*	74505-55	—

*These yokes are supplied with two end connector kits as standard.


Bracket mounting	Nut	Tamper resistant cap & seal wire	Yoke connector kit
			
1	4	3	
74504-50	74502-89	4355-51	74503-51

Service kit



Gauges

Center back connection, white face (full technical specification see datasheet 8.900.900)




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Pressure range	bar *1	MPa	psi	Ø	Thread size	Model
0 ... 10	0 ... 1	0 ... 1.45	50 mm	R1/8	18-013 013	

*1) primary scale

Center back connection, black face for North America (full technical specification see datasheet 8.900.900)



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Pressure range	psig *1	bar	MPa	Ø	Thread size	Model
0 ... 160	0 ... 11	0 ... 1.1	1.5" (40 mm)	1/8 NPT	18-013-212	

*1) primary scale

