

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











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

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* dm³/s	scfm	Weight (kg)	(lbs)	Model ISO G thread	PTF thread
	1/4"	_	35	74	1,54	3.39	LR64G-2GK-RMN	LR64G-2AK-RMN
- <u>F</u>	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

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

Thread		Substitute
PTF		Α
ISO G para	allel (standard)	G
Without yo	oke	N

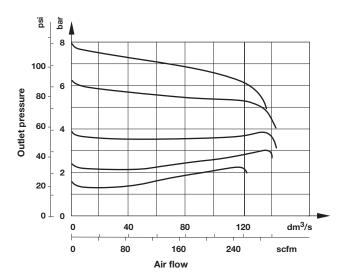


LR64G-★★K-RMN



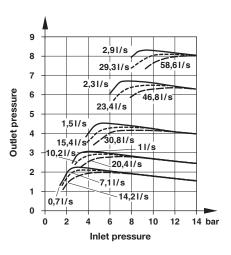
Flow characteristics

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	
	PIUN	PETER O O			
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 connenctor kits as standard.

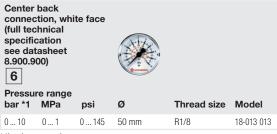




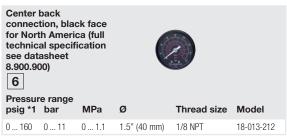
Service kit



Gauges



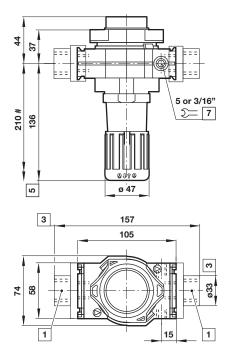
1) primary scale	е



^{*1)} primary scale

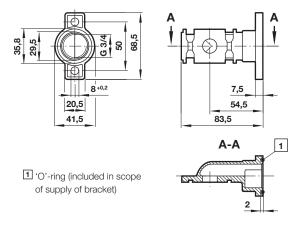


Basic dimensions

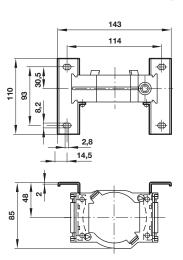


- # Minimum clearance required to remove unit from yoke
- 1 Main ports 1/4", 3/8", 1/2" or 3/4"
- 3 For main ports 3/4" only
- 5 Reduces by 4 mm with knob in locked position
- 7 Gauge port

Rear entry bracket 18-026-981



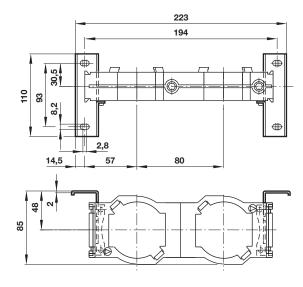
Single yoke with bracket mounting



Dimensions in mm Projection/First angle



Double yoke with bracket mounting



Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, IMI International s.r.o.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.