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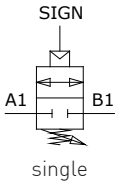
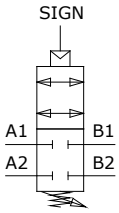
SS316L 1/4"NPT lock-up valves – LK serie

Valvole di lock-up da 1/4"NPT in AISI316L – serie LK

- **Suitable for automation equipment to onshore, offshore, pharmaceutical, medical and food applications**
- **Full material traceability**
- **Excellent stability and repeatability**
- **Accurate adjustement and high flow capacity**
- **Single or double locking possibility**
- **ATEX 2014/34/UE II 2G Ex h IIC T6/T5 Gb X**
  II 2D Ex h IIIC T85°C/T100°C Db X
- **& approved**



single



double

- Adatto per automazione in applicazioni marine, petrolchimiche, farmaceutiche, medicali e alimentari
- Completa rintracciabilità dei materiali
- Eccellente stabilità e ripetibilità
- Precise regolazioni ed elevate portate
- Possibilità di blocco singolo o doppio
- ATEX 2014/34/UE II 2G Ex h IIC T6/T5 Gb X
  II 2D Ex h IIIC T85°C/T100°C Db X
- Approvato ed

Media / Fluido	**Compressed air, inert gases, sweet and sour gases**
Port thread / Connessioni	**1/4"NPT**
Signal Connection Connessione segnale	**1/4"NPT**
Max supply pressure Pressione massima di ingresso	**10bar**
Max signal/output pressure Pressione massima segnale/uscita	**7bar**
Flow rate (Cv)/Portata	**0.9 (1/4")**
Working temperature / Temperatura di esercizio	**-20°C up to 80°C (NBR); -25°C up to 90°C (FKM); -40°C up to 80°C (EPDM); -KE° up tp 90°C (FVMQ)***
Sensibility/Sensibilità	**0.1bar**
Max Lock up pressure Massima pressione di intervento	**7bar**

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

***Special version in HNBR (WT -KE° +90°C)**

It provides reliable shut down & isolation from control devices of the actuator whenever air pressure falls below operating safety point. Rugged and corrosion-resistant – made in SS316L - Compact small package size – light weight

Permette affidabile intercettazione ed esclusione dell'attuatore quando la pressione dell'aria scende al di sotto del livello minimo operativo. Robusto e resistente alla corrosione – Costruito completamente in AISI316L - Dimensioni di ingombro ridotte – Leggero

BUILDING MATERIALS	Materiali costruttivi
Body, spacer, top in SS316L stainless steel	Corpo, distanziale, coperchio in acciaio inossidabile AISI316/316L
Internals, bracket, lock and panel nuts, fixing screws in stainless steel	Vite di regolazione, staffa, dadi di bloccaggio e pannello, viti di fissaggio in acciaio inossidabile
Diaphragms & seals in elastomer	Diaframmi e guarnizioni in elastomero

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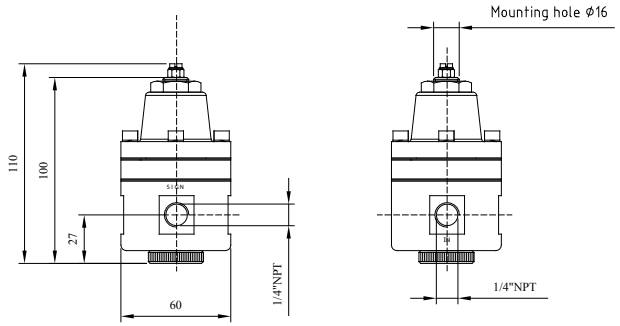
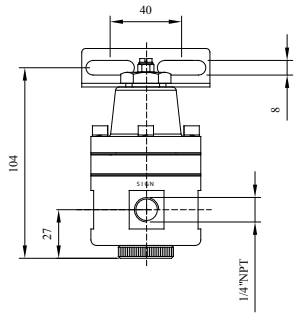
Overall dimension
Dimensioni di ingombro

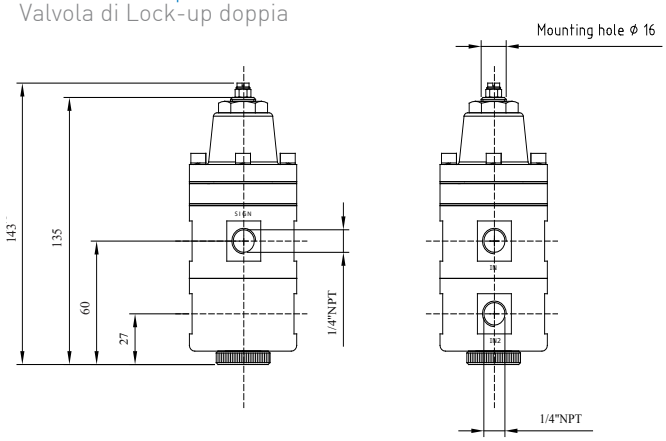
Single Lock-up valve
Valvola di Lock-up singola

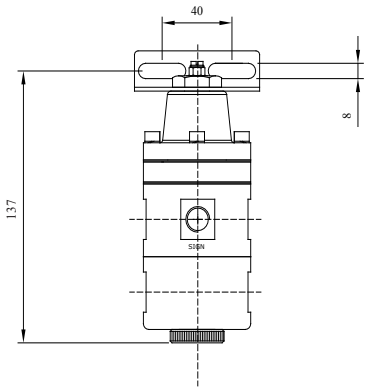
LK04 A=1/4”





Double Lock-up valve
Valvola di Lock-up doppia





Accessories
Accessor

Bracket /Staffa	**SQ-FR04**

Our policy is one of continued research and improvement. We therefore reserve the right to amend, without notice, the specifications given in this document.

SITECNA® Flow Control Technologies

Ordering information
Come ordinare

TYPE
LK= Lock-up valve

SIZE
04= 1/4" NPT
08= 1/2"NPT

RANGE
3= 0/100 psi

ACCESSORIES
0= None
2= SS bracket kit
4= Customised Tag

Specials

LK	04	3	0	00	0	0	SS	FK	0	#	#

OPTION
00= None
08= Doble lock-up valve

MATERIAL
SS= 316-316L Stainless steel
AL= Aluminum alloy

DIAPHRAGM & SEALS MATERIAL
FK= FKM (WT-25° +90°C)
NB= NBR (WT-20° +80°C)
LT= EPDM (WT-40° +80°C)
FL= Special compound (WT 1/4"LK -60°+90°C 1/2"LK -55°+90°C)
HN= HNBR (WT 1/4"LK -60° +90°C 1/2"LK -55°+90°C)

CODE EXAMPLES

LK	08	3	0	00	0	0	SS	FK	0	

1/2"NPT, SS316L, Single Lock up valve, with FKM diaphragm & seals, Cv0.9, WT -25°C to 90°C, with SS bracket
Valvola di lock-up singola da 1/4"NPT in AISI316L con diaframma e tenute in FKM, Cv 0.9, temperatura di lavoro da -25°C a +90°C

LK	04	3	0	00	0	8	AL	LT	2	

1/4"NPT, Epoxy painted aluminium alloy + SS304 or 316L, Double lock up valve with EPDM diaphragm & seals, CV 0.9, WT -40°C to +80°C, with SS bracket
Valvola di lock-up doppia da 1/4"NPT in lega di alluminio con verniciatura epossidica + AISI304-316L con diaframma e tenute in EPDM, Cv 0.9, temperatura di lavoro da -40°C a +80°C, con staffa inox

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