



- 2

Type
- SW With two spanner flats
- 4
- Coding

VH Operating and latch arm side in Hygienic Design (full hygiene)

d ₁	Latch arm distance A				b ₁	b ₂	d ₂	k		l ₁ ^{+1/-1}	l ₂	l ₃ ≈	s ₁	s ₂	A/F
	22	24	30	36				Min.	Max.						
22	24	30	36	44	14	7	9	1,5	5	30	12,6	39,5	19	11	9
30	22	33	44	55	20	10	13	1,5	6	45	15,3	47	27	13	13

Specification

5

Lock housing

Stainless steel AISI 316L

Latch arm

Stainless steel AISI 316

Seals

Blue, FDA-compliant
Temperature resistant -40 °C to +110 °C

• Sealing rings / O-ring

EPDM

- Hardness 85 ±5 Shore A (Sealing rings)

- Hardness 70 ±5 Shore A (O-ring)

• Other seals / Wiper

TPU, hardness 95 ±5 Shore A

Other parts

Stainless steel AISI 316L

All moving parts

lubricated with FDA compliant special grease

Protection class IP 66

RoHS

Accessory	Page
GN 7600 Sealing Rings	QVX
GN 7607 Wipers	QVX
GN 1151 Socket Keys	QVX

Latches GN 1150 are designed for use in hygienic areas and meet strict hygienic requirements (full hygiene) on the operating and latch arm side due to the special mounting nuts as well as the optimized latch arm and hexagon head screw. The locking mechanism is protected by multiple seals. At the same time, the high surface quality (Ra < 0.8 µm) and dead-space-free mounting prevent dirt from adhering and facilitate cleaning.

The latches create a secure closure by rotating a maximum of 90°, which positions the latch arm in the locked position behind the frame. Slanted surfaces on the latch arm ensure smooth positioning. Latch arms are available with different bend angles to cover a latch arm distance A from 22 to 44 mm. The mounting holes in the housing must be at a right angle, free of burrs and without a chamfer. This ensures that the sealing rings will function properly.

see also...	Page
GN 1150 Latches (Stainless Steel, Front Hygiene, Hygienic Design)	QVX

Technical Information	
IP Protection Classes	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

1 d₁

2 Type

3 Latch arm distance A

4 Coding

5 Material (Sealing ring / O-ring)

1

2

3

4

5

GN 1150-30-SW-22-VH-E