

How to Order

Threaded connection

LQ3 **H** **11** - **M** -

Fitting type

Symbol	Type
H	Connector
L	Elbow
B	Branch tee
R	Run tee

Nut material, packaging

Symbol	Nut material	Packaging
Nil	PFA	Clean packaging equivalent to Class M3.5
1	PFA	Standard packaging equivalent to Class M5.5
2	PVDF	Clean packaging equivalent to Class M3.5
3	PVDF	Standard packaging equivalent to Class M5.5

Thread type

Symbol	Type
Nil	R, Rc
N	NPT

Piping type

Symbol	Type
M	Male
F	Female

Size combination

Size	No.	Applicable tubing size (mm)	Port size
1	1	4 x 3	1/8"
1	2	3 x 2	
2	1	6 x 4	1/8"
2	2		1/4"
3	1	10 x 8	1/8"
3	2	8 x 6	
3	3	10 x 8	1/4"
3	4	8 x 6	
3	5	10 x 8	3/8"
3	6	8 x 6	
3	8	8 x 6	1/2"
4	1	12 x 10	1/4"
4	2		3/8"
4	3		1/2"
4	4		3/4"
5	1	19 x 16	3/8"
5	2		1/2"
5	3		3/4"
6	1	25 x 22	1/2"
6	2		3/4"
6	3		1"

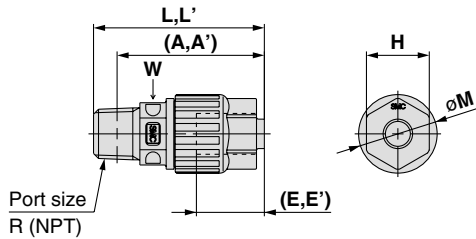
Size	No.	Applicable tubing size (mm)	Port size
1	A	1/8" x 0.086"	1/8"
2	A	1/4" x 5/32"	1/8"
2	B		1/4"
3	A	3/8" x 1/4"	1/8"
3	B		1/4"
3	C		3/8"
3	D		1/2"
4	A	1/2" x 3/8"	1/4"
4	B		3/8"
4	C		1/2"
4	D		3/4"
5	A	3/4" x 5/8"	3/8"
5	B		1/2"
5	C		3/4"
6	A	1" x 7/8"	1/2"
6	B		3/4"
6	C		1"
7*	A*	1 1/4" x 1.1"	3/4"
7*	B*		1"
7*	C*		1 1/4"

* H: Connector only

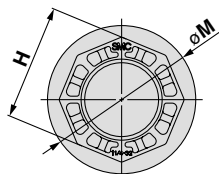
Series LQ3

Dimensions

Male connector: LQ3H-M



(A, A'): Reference dimension after installation
 (E, E'): Reference dimension for the inserted tubing from the end surface of the nut
 (A'), L', E': Nut material PVDF dimensions
 W: Width across flats dimension



Class 7

Metric Size

Model	Applicable tubing O.D.	Connection threads R/NPT	A	A'	E	E'	H	L	L'	M	W		
LQ3H11-M□	ø4	1/8"	29.5	28.5	10	9	11	33.5	32.5	14	10		
LQ3H12-M□	ø3												
LQ3H21-M□	ø6	1/8"	39.5	38.5	17	16	16	43.5	42.5	20	14		
LQ3H22-M□		1/4"	37.5	36.5									
LQ3H31-M□	ø10	1/8"	51	48	22.5	19.5	21	55	52	25	18		
LQ3H32-M□	ø8		1/4"	49								46	
LQ3H33-M□	ø10	3/8"											48.5
LQ3H34-M□	ø8		1/2"	54								51	
LQ3H35-M□	ø10	1/4"											58
LQ3H36-M□	ø12		3/8"	57.5	55.5	24	22	24	69.3	67.1	29	22	
LQ3H38-M□		1/2"	56	54									
LQ3H41-M□		3/4"	59.8	57.6									
LQ3H42-M□		3/8"	69.5	67									
LQ3H43-M□	ø19	1/2"	68	65.5	26.5	24	32	76	73.5	37	30		
LQ3H44-M□		3/4"	66.5	64									
LQ3H51-M□		1/2"	80	76								30	26
LQ3H52-M□	3/4"	78.5	74.5										
LQ3H53-M□	1"	77.5	73.5										

Inch Size

Model	Applicable tubing O.D.	Connection threads R/NPT	A	A'	E	E'	H	L	L'	M	W
LQ3H1A-M□	1/8"	1/8"	29.5	28.5	10	9	11	33.5	32.5	14	10
LQ3H2A-M□	1/4"	1/8"	39.5	38.5	17	16	16	43.5	42.5	20	14
LQ3H2B-M□		1/4"	37.5	36.5							
LQ3H3A-M□	3/8"	1/8"	51	48	22.5	19.5	21	55	52	25	18
LQ3H3B-M□		1/4"	49	46							
LQ3H3C-M□		3/8"	48.5	45.5				62	59		
LQ3H3D-M□		1/2"	54	51							
LQ3H4A-M□	1/2"	1/4"	58	56	24.5	22.5	24	64	62	29	22
LQ3H4B-M□		3/8"	57.5	55.5							
LQ3H4C-M□		1/2"	56	54				69.3	67.1		
LQ3H4D-M□		3/4"	59.8	57.6							
LQ3H5A-M□	3/4"	3/8"	69.5	67	26.5	24	32	76	73.5	37	30
LQ3H5B-M□		1/2"	68	65.5							
LQ3H5C-M□		3/4"	66.5	64							
LQ3H6A-M□	1"	1/2"	80	76	30	26	41	88	84	49	36
LQ3H6B-M□		3/4"	78.5	74.5							
LQ3H6C-M□		1"	77.5	73.5							
LQ3H7A-M□	1 1/4"	3/4"	96.5	96.5	35	35	50	106	106	64	46
LQ3H7B-M□		1"	95.5	95.5							
LQ3H7C-M□		1 1/4"	93.3	93.3							