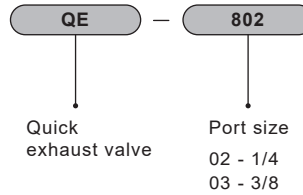


QE series Quick Exhaust Valve

Product features/ Code of order

CHELIC

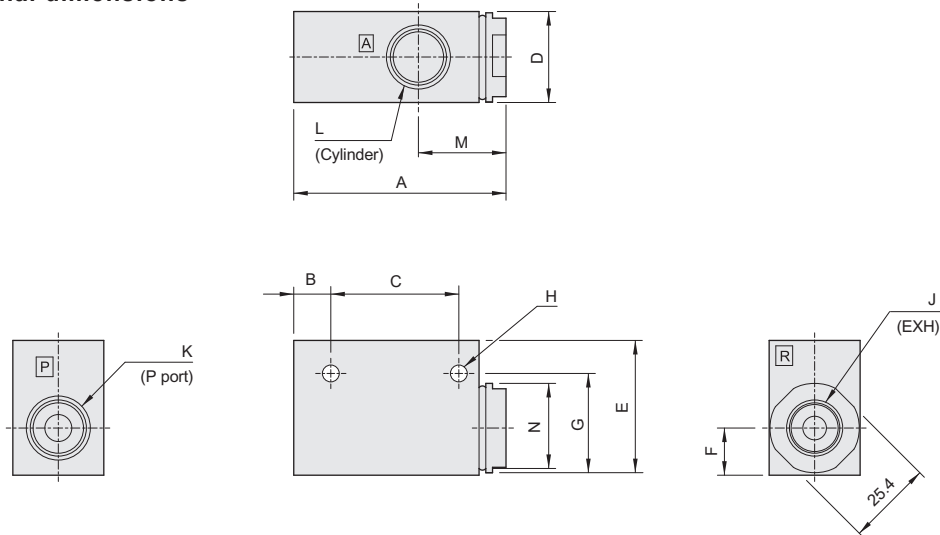
Code of order



Specification

Item	Model	QE - 802	QE - 803
Fluid		Air	
Pressure range	kgf/cm ² (kPa)	1 ~ 7 (100 ~ 700)	
Ambient and fluid temperature	°C	5 ~ 60	
Flow Q L/ min	P→A	1000	1000
	A→R	1500	1500
Port size	Rc	1/4	3/8
Lubrication		Lubrication free type	

External dimensions



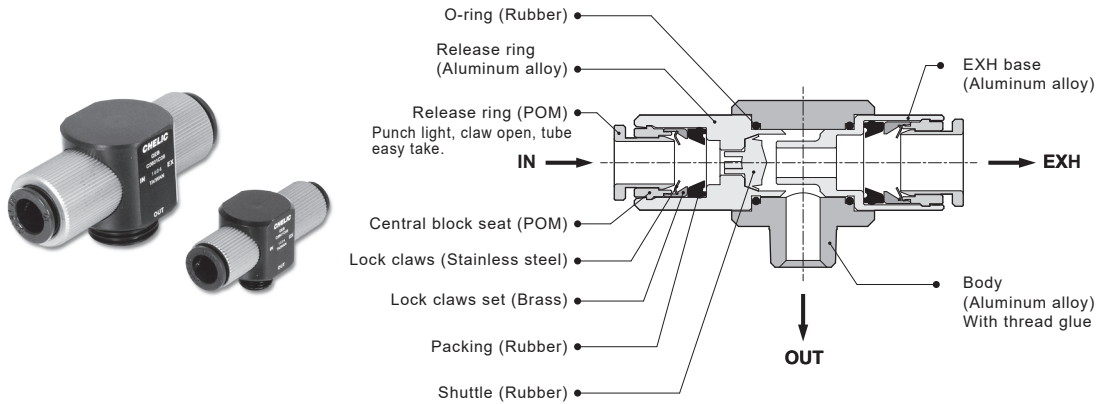
Item	A	B	C	D	E	F	G	H	J	K	L	M	N
Model									Rc	Rc	Rc		
QE-802	63	11.5	38	27	40	14	30.2	Ø5	3/8"	1/4"	1/4"	26	Ø27
QE-803	63	11	38	27	40	14	30.2	Ø5	3/8"	3/8"	3/8"	26	Ø27

QEB series Quick Exhaust Valve

Product features/ Code of order

CHELIC

Internal structure



MV

HVL

HVM

HVT

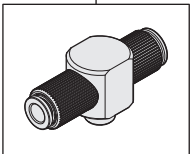
QE

FVA

Specification

Item	Model	QEB 01		QEB 02		QEB 03		
Thread (OUT)	Rc	1/8		1/8	1/4	1/4	3/8	1/2
Port size (IN)		Ø4	Ø6	Ø6	Ø8	Ø10		Ø12
Port size (EX)		Ø8		Ø10		Ø12		
Fluid		Air						
Pressure range	kgf/cm ² (kPa)	1.5 ~ 8 (150 ~ 800)						
Max. operating pressure	kgf/cm ² (kPa)	10 (1000)						
Ambient and fluid temperature	°C	5 ~ 60						
Min. operated pressure	kgf/cm ² (kPa)	0.5 (50)						
Thread glue		With thread glue						

Code of order

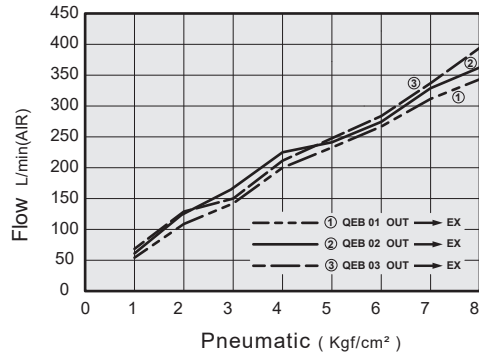
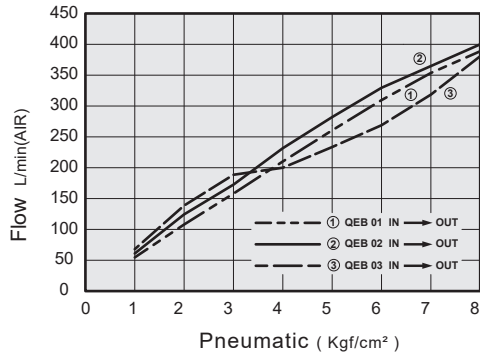
QEB	—	01	—	01	—	04	—	08																																																																																												
Quick exhaust valve		Effective orifice		Body		IN-Port size		EX-Port size																																																																																												
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QEB series Quick Exhaust Valve

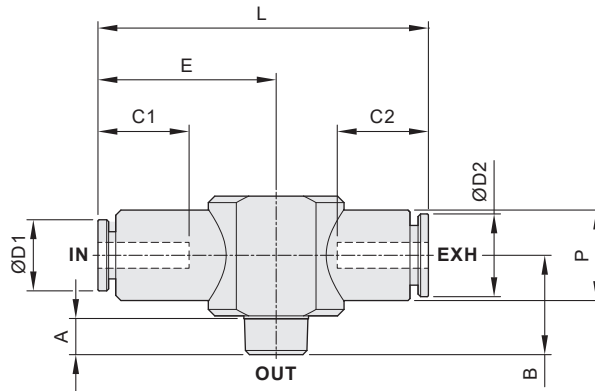
Characteristics graph/ Dimensions

CHELIC

Flow rate characteristic graph



QEB series



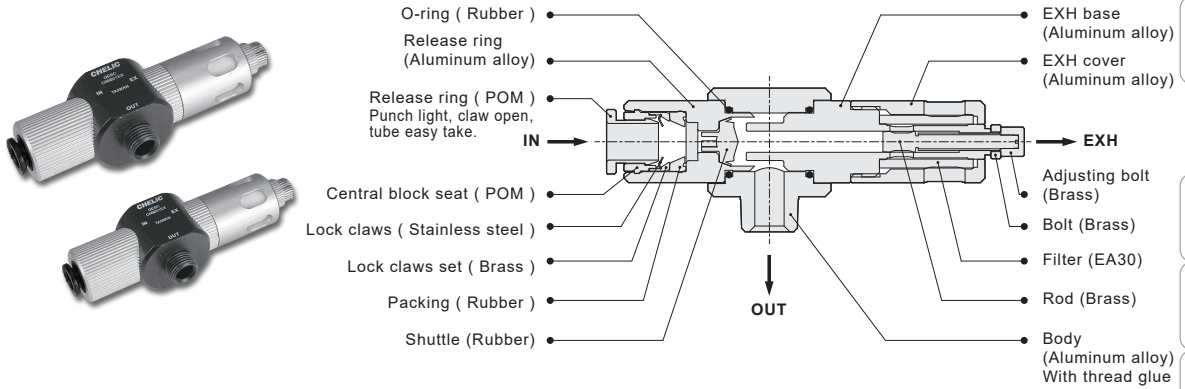
Port size ØD		Thread Rc	Model	A	B	C1	C2	E	L	P	Effective orifice		Weight (g)
ØD1	ØD2										IN → OUT	OUT → EX	
Ø4	Ø8	1/8	QEB 01-01-04-08	5.5	15	14.5	18.6	26	50	14	5	9	18
			QEB 01-01-06-08			17.1					6		
Ø6	Ø10	1/8	QEB 02-01-06-10	5.5	15	17.1	20.9	33	58	18	10	17	31
		1/4	QEB 02-01-08-10										
		1/8	QEB 02-02-06-10	8	18	18.6		34	60		14		33
		1/4	QEB 02-02-08-10										
Ø10	Ø12	1/4	QEB 03-02-10-12	8	22	20.9	24.3	37	69	22	23	33	61
		3/8	QEB 03-02-12-12								20.9		
		1/2	QEB 03-03-10-12	10	24	20.9		28	38		62		
		1/4	QEB 03-03-12-12	8	22	23.7		25	36			63	
		3/8	QEB 03-04-10-12								8		22
		1/2	QEB 03-04-12-12	10	24	23.7		28	37				

QEBC series Quick Exhaust Valve

Product features/ Code of order

CHELIC

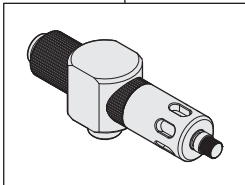
Internal structure



Specification

Item	Model	QEBC 01		QEBC 02		QEBC 03		
Thread (OUT)	Rc	1/8		1/8	1/4	1/4	3/8	1/2
Port size (IN)		Ø4	Ø6	Ø6	Ø8	Ø10		Ø12
Port size (EX)		-		-		-		
Fluid		Air						
Pressure range	kgf/cm ² (kPa)	1.5~8 (150~800)						
Max. operating pressure	kgf/cm ² (kPa)	10 (1000)						
Ambient and fluid temperature	°C	5 ~ 60						
Min. operated pressure	kgf/cm ² (kPa)	0.5 (50)						
Thread glue		With thread glue						

Code of order

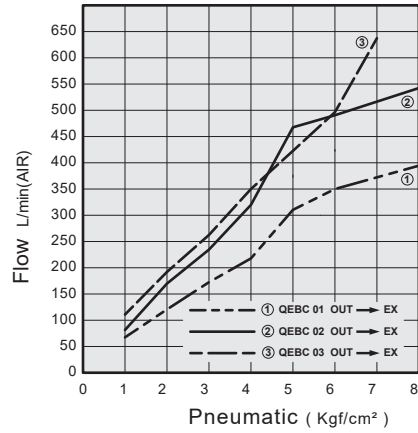
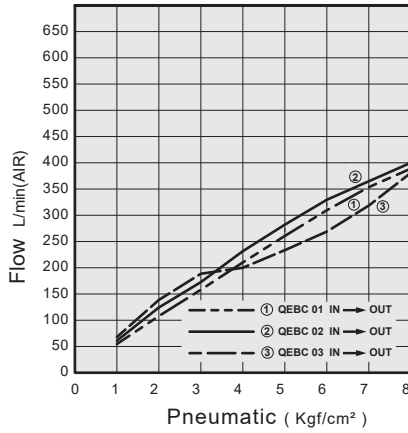
QEBC	-	01	-	01	-	04																																																																					
Quick exhaust valve		Effective orifice		Body		IN-Port size																																																																					
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QEBC series Quick Exhaust Valve

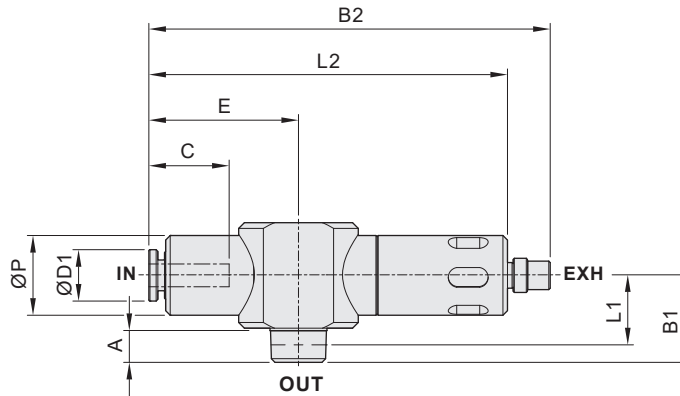
Characteristics graph/ Dimensions

CHELIC

Flow rate characteristic graph



QEBC series



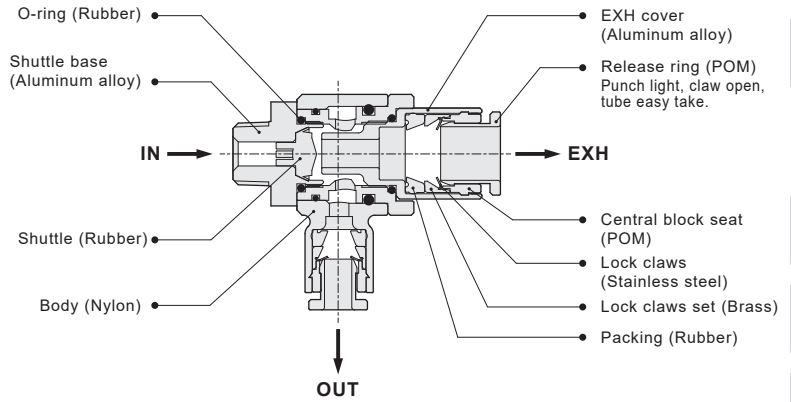
Port size ØD	Thread Rc	Model	A	B1	B2	C	E	L1	L2	P	Effective orifice		Weight (g)
											IN → OUT	OUT → EX	
Ø4	1/8	QEBC 01-01-04	5.5	15	70	14.5	26	12	63	14	5	9	28
Ø6		QEBC 01-01-06			72.1	17.1	28		64		6		27
Ø6		QEBC 02-01-06	5.5	15	81	17.1	33	13	72	18	10	17	47
Ø8	QEBC 02-01-08	8	18	81	17.1	14		48					
Ø6	1/4	QEBC 02-02-06	5.5	15	82	18.6	34	13	73	18	14	17	49
Ø8		QEBC 02-02-08	8	18	82	18.6		14			50		
Ø10		QEBC 03-02-10	8	22	104	20.9	37	17	95	22	23	33	95
Ø12	QEBC 03-02-12	8	22	104	20.9	18		96					
Ø10	3/8	QEBC 03-03-10	10	24	104	20.9	19	95	22	28	38	98	
Ø12		QEBC 03-03-12	8	22	108	23.7				17	94		
Ø10		1/2	QEBC 03-04-10	8	22	108	23.7	40	18	98	26	36	95
Ø12	QEBC 03-04-12		10	24	108	23.7	19		28		37	98	

QED series Quick Exhaust Valve

Product features/ Code of order

CHELIC

Internal structure



MV

HVL

HVM

HVT

QE

FVA

Specification

Item	Model	QED 01		QED 02		QED 03	
Thread (IN)	Rc	1/8		1/8	1/4	3/8	1/2
Port size (OUT)		Ø4	Ø6	Ø6	Ø8	Ø10	Ø12
Port size (EX)		Ø8		Ø10		Ø12	
Fluid		Air					
Pressure range	kgf/cm ² (kPa)	1.5 ~ 8 (150 ~ 800)					
Max. operating pressure	kgf/cm ² (kPa)	10 (1000)					
Ambient and fluid temperature	°C	5 ~ 60					
Min. operated pressure	kgf/cm ² (kPa)	0.5 (50)					
Thread glue		With thread glue					

Code of order

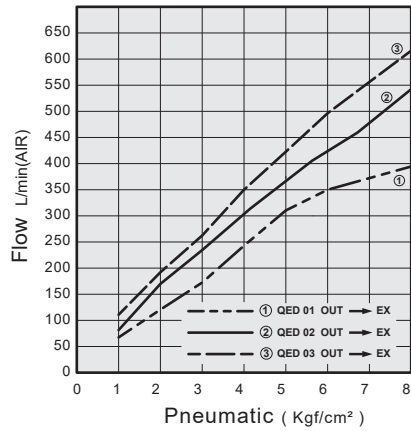
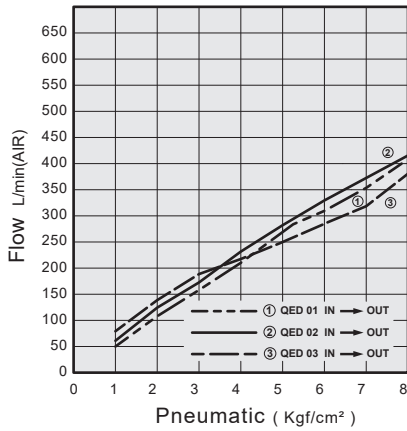
QED	01	01	04	08																																																																																												
Quick exhaust valve	Effective orifice	IN-Shuttle base	OUT-Port size	EX-Port size																																																																																												
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QED series Quick Exhaust Valve

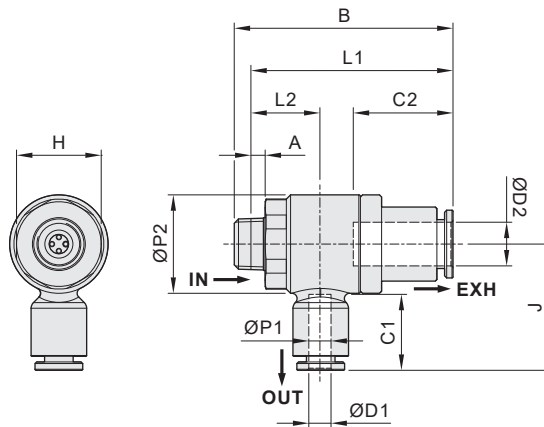
Characteristics graph/ Dimensions

CHELIC

Flow rate characteristic graph



QED series



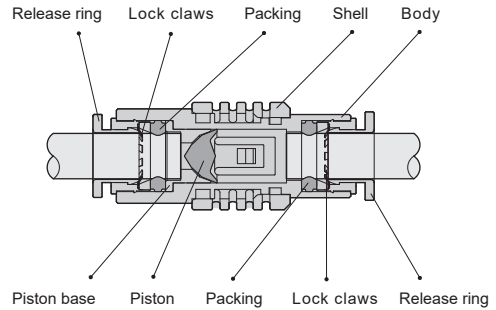
Port size ØD		Thread Rc	Model	A	B	L1	L2	ØP1	ØP2	C1	C2	J	Cross H	Weight (g)		
ØD1	ØD2															
Ø4	Ø8	1/8	QED 01-01-04-08	2.7	43	38	13	10.5	18.6	14.3	18.8	5	16	24		
			QED 01-01-06-08												6	
Ø6	Ø10	1/8	QED 02-01-06-10	2.7	51	48	16.7	12.4	23	17	19.7	10	20	45		
		1/4	QED 02-02-06-10	3.8	62	58	17.8								19	14
Ø8		1/8	QED 02-01-08-10	2.7	51	48	16.7	14.3		23	17	19.7		14	26	73
		1/4	QED 02-02-08-10	3.8	62	58	17.8									
Ø10	Ø12	3/8	QED 03-03-10-12	3.8	64	60	22.7	17.8	28.4		20.8	23.6	24	26		73
		1/2	QED 03-04-10-12	5	65	60	23.9									
Ø12		3/8	QED 03-03-12-12	3.8	64	60	22.7	21.2		28.4	20.8	23.6	26		26	77
		1/2	QED 03-04-12-12	5	65	60	23.9									

QE series Quick Exhaust Valve

Product features/ Code of order

CHELIC

Internal structure



MV

HVL

HVM

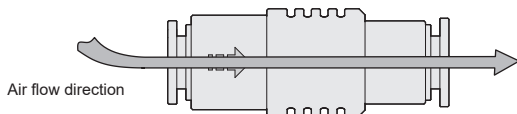
HVT

QE

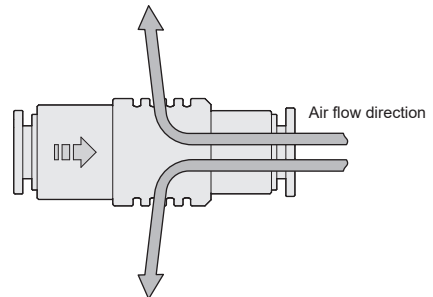
FVA

How exhaust valve operate

When under the normal condition



When under quick exhausting condition

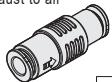


Code of order

QEH

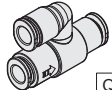
Model

Exhaust to air



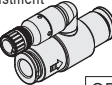
QEH

Concentrated exhaust



QEU

Adjustment



QEUC

06

Port size

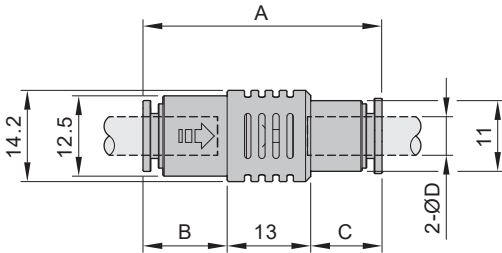
Mark	Size
04	Ø4 mm
06	Ø6 mm

QE series Quick Exhaust Valve

Dimensions

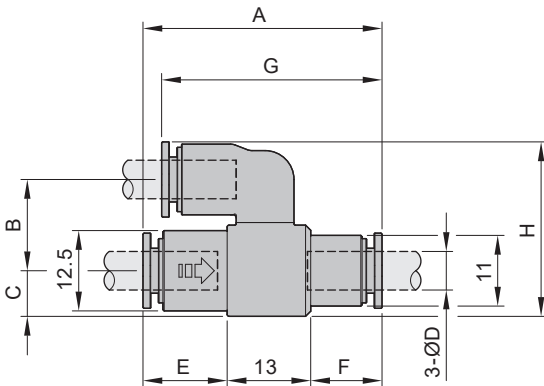
CHELIC

QE series Quick exhaust valve (Exhaust to air)



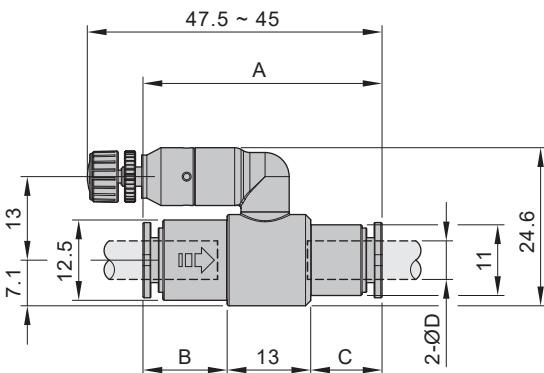
Model	A	B	C	ØD	Effective orifice mm ²	Weight (g)
QEH - 4	36	12.5	10.5	Ø4	1.5	6
QEH - 6	37.5	13	11.5	Ø6	3.5	7

QEU series Quick exhaust valve (Concentrated exhaust)



Model	A	B	C	ØD	E	F	G	Effective orifice mm ²	Weight (g)
QEU - 4	36	13	7.1	Ø4	12.5	10.5	35	1.5	8
QEU - 6	37.5	14.2	7.1	Ø6	13	11.5	32.5	3.5	9

QEUC series Quick exhaust valve (Adjustable)



Model	A	B	C	ØD	Effective orifice mm ²	Weight (g)
QEUC - 4	36	12.5	10.5	Ø4	1.5	12
QEUC - 6	37.5	13	11.5	Ø6	3.5	13