







#### Table for standard stroke

Tube I.D.		Stroke (mm)
φ 32,40	50,75,100,125	,150,175,200,250,300,350,400,450,500
φ 50,63	<b>↑</b>	600
φ 80,100,125,160	<b>↑</b>	600,700

- Stroke out of specification is also available.
- Please consult us if stroke out of specification.

#### **Features**

#### Non lubrication

Special housing and bushing enables self lubrication of piston rod.

#### High quality long service life

Hard anodised aluminium cylinder tubes offer a high resistance to corrosion and low internal friction.

#### ■ ISO-VDMA standard specification

Conforms to ISO-6431 and VDMA 24562 specification enabling worldwide interchangeability.

#### Cylinder mountings

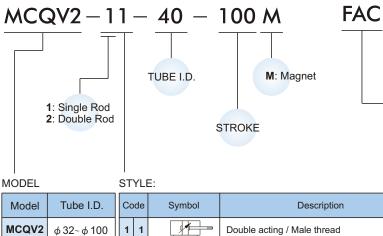
Available with comprehensive internationally recognised range of fixed and flexible mountings.

#### **Specification**

Model		MCQV2		MC	QV			
Tube I.D. (mm)	32,40	32,40 50,63 80,100						
Medium	Air							
Operating pressure range		0.05~	-1 MPa					
Proof pressure		1.5	MPa					
Ambient temperature	-:	5~+60℃	(No freez	zing)				
Available speed range		50~500	) mm/sec					
Sensor switch (*)	RCA							
Sensor switch holder	HV1	HV2	HV3	HV4	PM16			

\* RCA specification, please refer to page V-05.

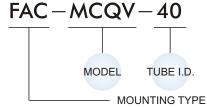
#### Order example



Double rod / Male thread

Double rod / Adjustable male thread (Please mark "adjustable distance(mm)" at order list)

#### **Mounting accessories**



LB
CA
СВ
CDB (+CB+Pin)
FAC
FBC
TA
ТВ
тс
Υ
ı

MCQV

φ 125. φ 160

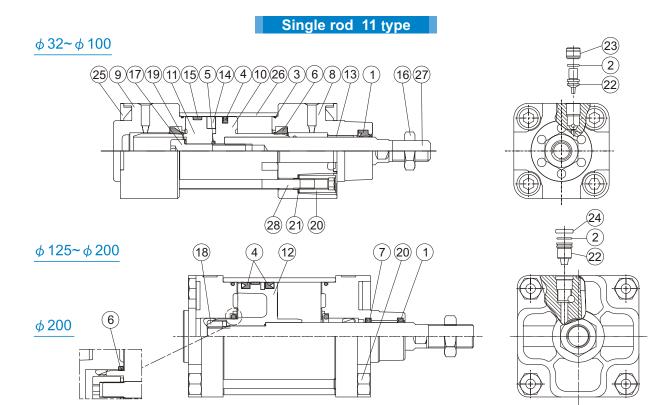
2 1

<sup>\*</sup> Order example for special specification, refer to page J-03.

# MCQV-11 Inside structure & Parts list



### ISO-VDMA **STANDARD CYLINDERS**



NI.	Destaura	NA - ( 1	Oh	Component pa	arts (inclusion)	Repair kits	(inclusion)	Ni-t-
No.	Part name	Material	Q'y	φ 32~ φ 100	φ 125~ φ 200	φ 32~ φ 100	φ 125~ φ 200	Note
01	Rod packing	NBR	1	•	•	•	•	
02	O-ring	NBR	2	•	•	•	•	
03	O-ring	NBR	2	•	•	•	•	
04	Piston packing	NBR	1 or 2	•	•	•	•	φ 125~ φ 200 (Q'y 2)
05	O-ring	NBR	1	•	•	•	•	
06	Cushion packing	NBR	2	•	•	•	● (※)	
07	Rod packing	NBR	1		•		•	
80	Rod cover	Aluminum alloy	1	•	•			
09	Head cover	Aluminum alloy	1	•	•			
10	Piston-R	Aluminum alloy	1	•				
11	Piston-H	Aluminum alloy	1	•				
12	Piston	Aluminum alloy	1		•			
13	Bush	Bearing alloy	1	•	•			
14	Magnet ring	Magnet material	1	0	0			○ Option
15	Wear ring	Teflon	1	•	•			
16	Nut	Carbon steel	1	•	•			
17	Bolt	Carbon steel	1	•				
18	Piston nut	Carbon steel	1		•			
19	Washer	Carbon steel	1	•	•			$\phi$ 32 does not contain item #19
20	Tie rod nut	Carbon steel	8	•	•			
21	Tie rod washer	Carbon steel	8	•				
22	Needle valve	Copper alloy	2	•	•			
23	Insert nut	Copper alloy	2	•				
24	Needle valve washer	Carbon steel	2		•			
25	Cover plate	Plastic	2	•				
26	Cylinder tube	Aluminum alloy	1					
27	Piston rod	Carbon steel	1					
28	Tie rod	Carbon steel	4					

( $\mbox{\@iffence{\circ}{\@iffence{\circ}{\otimes}}}$  Cushion packing is not included in  $\phi$  200 repair kits.



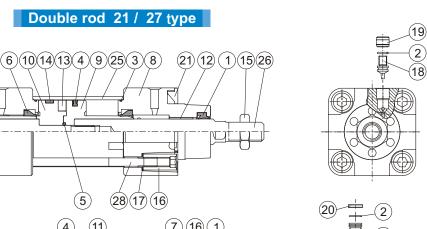
 $\phi$  32~ $\phi$  100

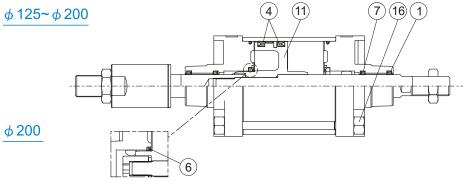
# MCQV-2\* Inside structure & Parts list

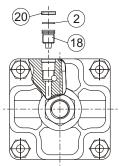


#### ISO-VDMA STANDARD CYLINDERS

(22) (23)(24) (27)







No.	<b>21</b> t	уре	27 1	type	Dark name	Material	Q'v	Component p	oarts (inclusion	ı) Repair kit	s (inclusion)	Note
INO.	Α	В	Α	В	Part name	Material	Qу	φ 40~ φ 100	φ 125~ φ 200	φ 40~ φ 100	φ 125~ φ 200	Note
01	•	•	•	•	Rod packing	NBR	2	•	•	•	•	
02	•	•	•	•	O-ring	NBR	2	•	•	•	•	
03	•	•	•	•	O-ring	NBR	2	•	•	•	•	
04		•	•	•	Piston packing	NBR	1 or 2	•	•	•	•	φ 125~ φ 200 (Q'y 2)
05		•	•	•	O-ring	NBR	1	•	•	•	•	
06	•	•	•	•	Cushion packing	NBR	2	•	•	•	● (※)	
07				•	Rod packing	NBR	2		•		•	
80		•	•	•	Rod cover	Aluminum alloy	2	•	•			
09	•		•		Piston-R	Aluminum alloy	1	•				
10			•		Piston-H	Aluminum alloy	1	•				
11				•	Piston	Aluminum alloy	1		•			
12			•	•	Bush	Bearing alloy	2	•	•			
13	0	0	0	0	Magnet ring	Magnet material	1	0	0			○ Option
14			•	•	Wear ring	Teflon	1	•	•			
15			•	•	Screw	Carbon steel	1	•	•			
16			•	•	Tie rod nut	Carbon steel	8	•	•			
17			•		Tie rod washer	Carbon steel	8	•				
18			•	•	Needle valve	Copper alloy	2	•	•			
19			•		Insert nut	Copper alloy	2	•				
20				•	Needle valve washer	Carbon steel	2		•			
21			•		Cover plate	Plastic	2	•				
22			•	•	Nut	Carbon steel	1	•	•			
23			•	•	Adjustable nut	Carbon steel	1					
24			•	•	Gasket	PU	1					
25		•	•	•	Cylinder tube	Aluminum alloy	1					
26				•	Piston rod #1	Carbon steel	1					
27		•	•	•	Piston rod #2	Carbon steel	1					
28				•	Tie rod	Carbon steel	4					

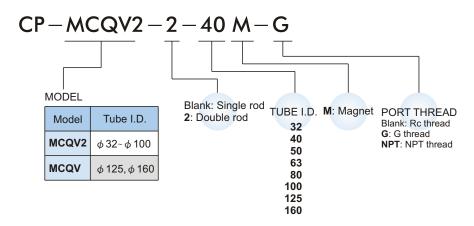
**A**:  $\phi 40 \sim \phi 100$ , **B**:  $\phi 125 \sim \phi 200$  (\*\*) Cushion packing is not included in  $\phi 200$  repair kits.



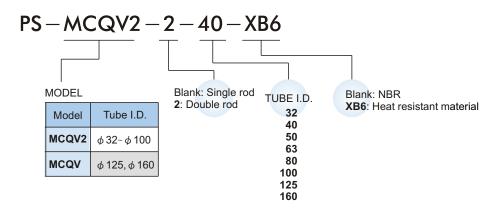
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#### ISO-VDMA STANDARD CYLINDERS

### ■ Order example of component parts

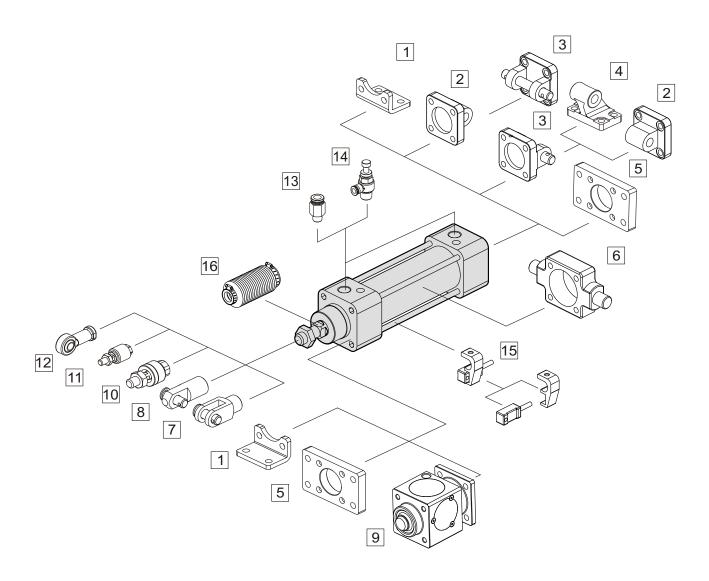


#### ■ Order example of repair kits









No.	Accessories	Page
1	Mounting accessories LB	J-42
2	Mounting accessories CA	J-44
3	Mounting accessories CB+PIN	J-44, 52
4	Mounting accessories CDB	J-45
5	Mounting accessories FAC / FBC	J-43
6	Mounting accessories TA / TB / TC	J-45, 46
7	Accessories Y+PIN	J-52
8	Accessories I+PIN	J-52

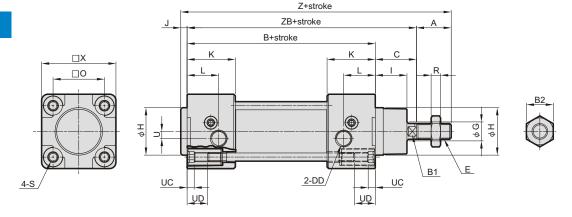
No.	Accessories	Page
9	Locking unit MCBQV*	J-75
10	Floating joint MFC	V-01
11	Floating joint MFCS	V-03
12	Female rod ends PHS	V-04
13	Fitting PC (PISCO)	H-03
14	Speed controller JSC (PISCO)	H-14
15	Sensor switch RCA+HV*	V-05
16	Protective bellows kit	_



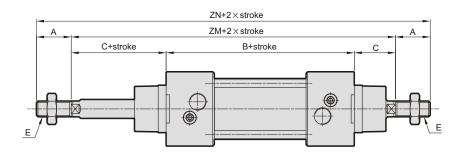


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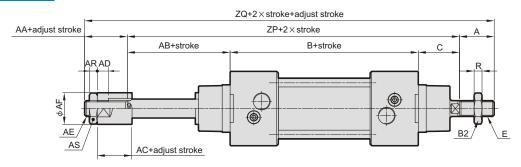
11



21



27



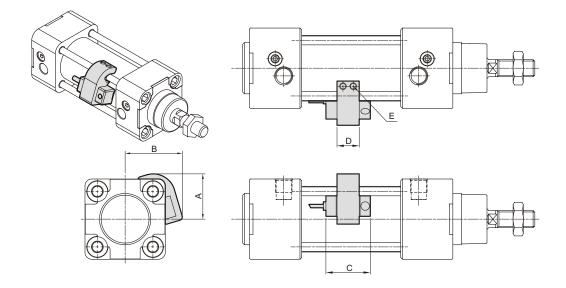
Code Tube I.D.	Α	AA	AB	AC	AD	AE	AF	AR	AS	В	В1	B2	С	DD	E	G	Н	- 1	J	K	L	0	R
32	22	16	26	12	7	M10×1.25	20	5	17	94	10	17	26	G1/8	M10×1.25	12	30	20	4	30.5	20	32.5	5
40	24	20	27	12	7	M12×1.25	30	6	19	105	13	19	30	G1/4	M12×1.25	16	35	20.5	4	34	14.5	38	6
50	32	18	34	15	10	M16×1.5	40	8	24	106	16	24	37	G1/4	M16×1.5	20	40	28	4	31	16	46.5	8
63	32	20	32	15	10	M16×1.5	40	8	24	121	16	24	37	G3/8	M16×1.5	20	45	26	4	33	16	56.5	8
80	40	32	41	20	14	M22×1.5	50	13	32	128	21	30	46	G3/8	M20×1.5	25	45	32.5	4	35.5	20.5	72	10
100	40	30	46	20	14	M22×1.5	50	13	32	138	21	30	51	G1/2	M20×1.5	25	55	37.5	4	37	19	89	10

	Code Tube I.D.	S	U	UC	UD	Х	Z	ZB	ZM	ZN	ZP	ZQ
	32	M6×1.0	4.5	4.5	12	47	146	120	146	190	146	184
	40	M6×1.0	5.3	4.5	12	55	163	135	165	213	162	206
	50	M8×1.25	8.5	4.5	16	65	179	143	180	244	177	227
	63	M8×1.25	8	4.5	16	78	194	158	195	259	190	242
	80	M10×1.5	9	4.5	18	95	218	174	220	300	215	287
Г	100	M10×1.5	13	4.5	18	115	233	189	240	320	235	305





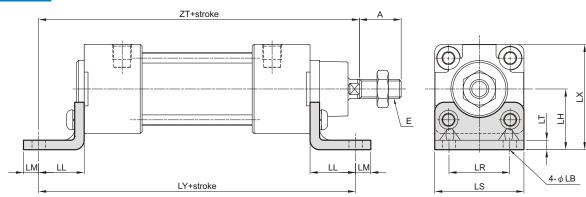
### ISO-VDMA **STANDARD CYLINDERS**



Code Tube I.D.	Sensor switch	Hold	Α	В	С	D	E
MCQV2-32	RCA	HV1	26.5	33.5	26	13	M4×10L
MCQV2-40	RCA	HV1	29.5	36.5	26	13	M4×10L
MCQV2-50	RCA	HV2	37.5	41.5	26	13	M4×10L
MCQV2-63	RCA	HV2	42.5	46.5	26	13	M4×10L
MCQV2-80	RCA	HV3	49.5	54.5	26	13	M5×16L
MCQV2-100	RCA	HV3	57.5	62.5	26	13	M5×16L
MCQV-125	RCA	HV4	_	_	26	13	M4×10L
MCQV-160	RCA	PM16			26	12	M4×10L

# **■ Mounting accessories**



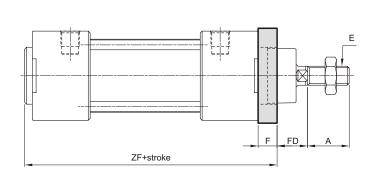


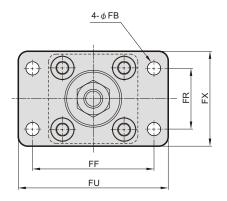
Code Tube I.D.	Α	Е	LB	LH	Ц	LM	LR	LS	Ľ	LX	LY	ZT
32	22	M10×1.25	7	32	24	8	32	47	5	55.5	142	144
40	24	M12×1.25	9	36	28	10	36	53	5	63.2	161	163
50	32	M16×1.5	9	45	32	10	45	65	5	77.5	170	175
63	32	M16×1.5	9	50	32	10	50	75	5	89	185	190
80	40	M20×1.5	12	63	41	13	63	95	6	110.5	210	215
100	40	M20×1.5	14	71	41	13	75	115	6	128.5	220	230



## ISO-VDMA **STANDARD CYLINDERS**

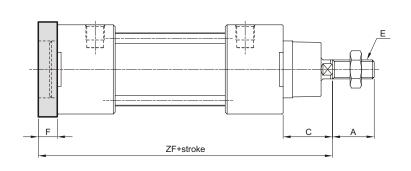
# FAC

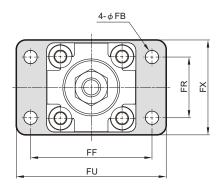




Code Tube I.D.	Α	E	F	FB	FD	FF	FR	FU	FX	ZF
32	22	M10×1.25	10	7	16	64	32	79	50	108
40	24	M12×1.25	10	9	20	72	36	93	54	120
50	32	M16×1.5	12	9	25	90	45	112	67	123
63	32	M16×1.5	12	9	25	100	50	127	79	137
80	40	M20×1.5	16	12	30	126	63	158	98	148
100	40	M20×1.5	16	14	35	150	75	185	116	158

# **FBC**



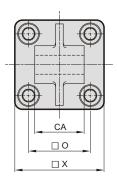


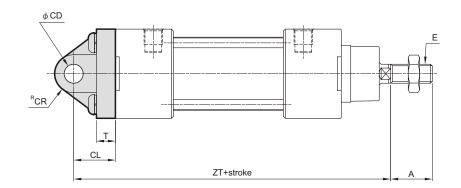
Code Tube I.D.	Α	С	E	F	FB	FF	FR	FU	FX	ZF
32	22	26	M10×1.25	10	7	64	32	79	50	130
40	24	30	M12×1.25	10	9	72	36	93	54	145
50	32	37	M16×1.5	12	9	90	45	112	67	155
63	32	37	M16×1.5	12	9	100	50	127	79	170
80	40	46	M20×1.5	16	12	126	63	158	98	190
100	40	51	M20×1.5	16	14	150	75	185	116	205



## ISO-VDMA **STANDARD CYLINDERS**

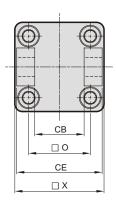
# CA

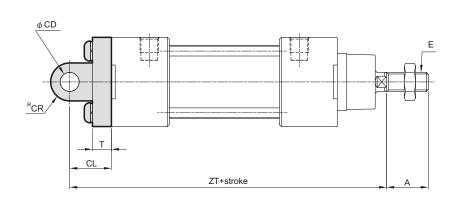




Code Tube I.D.	Α	CA	CD	CL	CR	Е	0	Т	Х	ZT
32	22	$26^{-0.1}_{-0.3}$	10 <sup>H9</sup>	22	10.5	M10×1.25	32.5	10	47	142
40	24	$28^{-0.1}_{-0.3}$	12 <sup>H9</sup>	25	12	M12×1.25	38	9	53	160
50	32	$32^{-0.1}_{-0.3}$	12 <sup>H9</sup>	27	14	M16×1.5	46.5	9	65	170
63	32	$40^{-0.1}_{-0.3}$	16 <sup>H9</sup>	32	18	M16×1.5	56.5	9	75	190
80	40	$50^{-0.1}_{-0.3}$	16 <sup>H9</sup>	36	17	M20×1.5	72	12	95	210
100	40	$60^{-0.1}_{-0.3}$	20 <sup>H9</sup>	41	21	M20×1.5	89	11	112	230

# СВ



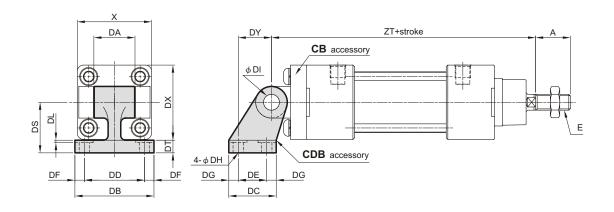


Code Tube I.D.	Α	СВ	CD	CE	CL	CR	E	0	Т	Х	ZT
32	22	26+0.3	10 <sup>H9</sup>	45	22	10.5	M10×1.25	32.5	10	47	142
40	24	28+0.1	12 <sup>H9</sup>	52	25	12	M12×1.25	38	9	53	160
50	32	$32^{+0.3}_{+0.1}$	12 <sup>H9</sup>	60	27	14	M16×1.5	46.5	9	65	170
63	32	40+0.1	16 <sup>H9</sup>	70	32	18	M16×1.5	56.5	9	75	190
80	40	$50^{+0.3}_{+0.1}$	16 <sup>H9</sup>	90	36	17	M20×1.5	72	12	95	210
100	40	60 <sup>+0.3</sup> <sub>+0.1</sub>	20 <sup>H9</sup>	110	41	21	M20×1.5	89	11	115	230



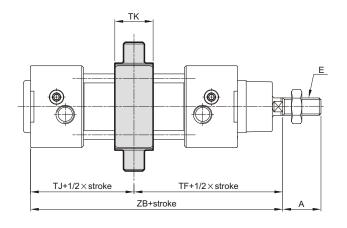
# CDB

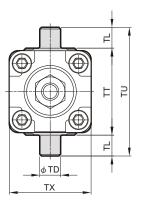
### CB+Pin (Extra purchase)



Code Tube I.D.	Α	DA	DB	DC	DD	DE	DF	DG	DH	DI	DL	DS	DT	DX	DY	E	Χ	ZT
32	22	26	50	30	38	18	6	6	6.6	10	1.5	32	8	47.5	21	M10×1.25	47	142
40	24	28	53	34	41	22	6	6	6.6	12	1.5	36	10	52.5	24	M12×1.25	53	160
50	32	32	65	45	50	30	7.5	7.5	9	12	1.5	45	12	65.5	33	M16×1.5	65	170
63	32	40	67	50	52	35	7.5	7.5	9	16	1.5	50	12	75.5	37	M16×1.5	75	190
80	40	50	86	60	66	40	10	10	11	16	2.5	63	14	96.5	47	M20×1.5	95	210
100	40	60	96	70	76	50	10	10	11	20	2.5	71	15	113.5	55	M20×1.5	115	230

# TC



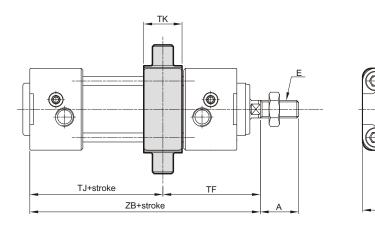


Code Tube I.D.	Α	E	TD	TF	TJ	TK	TL	TT	TU	TX	ZB
32	22	M10×1.25	12 <sup>e8</sup>	73	47	22	12	50	74	47	120
40	24	M12×1.25	16 <sup>e8</sup>	82.5	52.5	22	16	63	95	53	135
50	32	M16×1.5	16 <sup>e8</sup>	90	53	22	16	75	107	66	143
63	32	M16×1.5	20 <sup>e8</sup>	97.5	60.5	28	20	90	130	80	158
80	40		20 <sup>e8</sup>	110	64	34	20	110	150	106	174
100	40	M20×1.5	25 <sup>e8</sup>	120	69	40	25	132	182	126	189



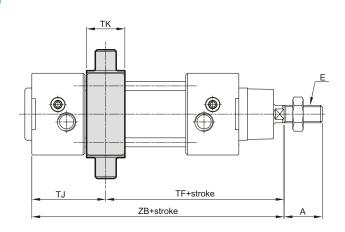


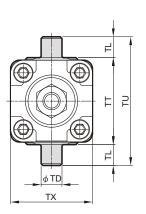
TA



Code	Λ	Е	TD	TF	without	magnet	mag	gnet	TK	TL	TT	TU	TX
Tube I.D.	Α		טו	IF	TJ	ZB	TJ	ZB	IK	_	-	10	1
32	22	M10×1.25	12 <sup>e8</sup>	68.5	51.5	120	81.5	150	22	12	50	74	47
40	24	M12×1.25	16 <sup>e8</sup>	76	59	135	89	165	22	16	63	95	53
50	32	M16×1.5	16 <sup>e8</sup>	80	63	143	93	173	22	16	75	107	66
63	32	M16×1.5	20 <sup>e8</sup>	85	73	158	103	188	28	20	90	130	80
80	40	M20×1.5	20 <sup>e8</sup>	99.5	74.5	174	114.5	214	34	20	110	150	106
100	40	M20×1.5	25 <sup>e8</sup>	109	80	189	120	229	40	25	132	182	126

TB





TX

닏

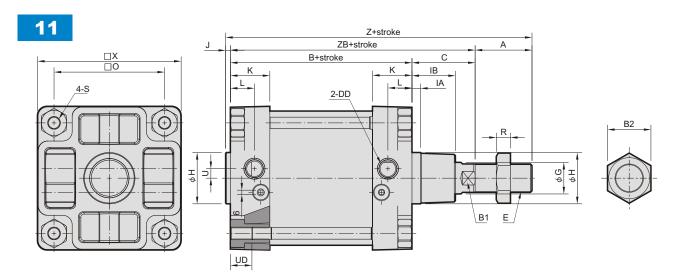
Code	Λ	Е	TD	without	magnet	mag	gnet	TJ	тк	TL	TT	TU	тх
Tube I.D.	Α	_	טו	TF	ZB	TF	ZB	IJ	IK	_	=	10	17
32	22	M10×1.25	12 <sup>e8</sup>	77.5	120	107.5	150	42.5	22	12	50	74	47
40	24	M12×1.25	16 <sup>e8</sup>	89	135	119	165	46	22	16	63	95	53
50	32	M16×1.5	16 <sup>e8</sup>	100	143	130	173	43	22	16	75	107	66
63	32	M16×1.5	20 <sup>e8</sup>	110	158	140	188	48	28	20	90	130	80
80	40	M20×1.5	20 <sup>e8</sup>	120.5	174	160.5	214	53.5	34	20	110	150	106
100	40	M20×1.5	25 <sup>e8</sup>	131	189	171	229	58	40	25	132	182	126



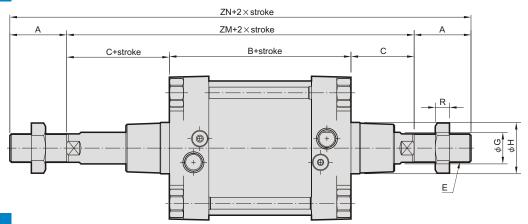
# MCQV Dimensions $\phi$ 125, $\phi$ 160

# 

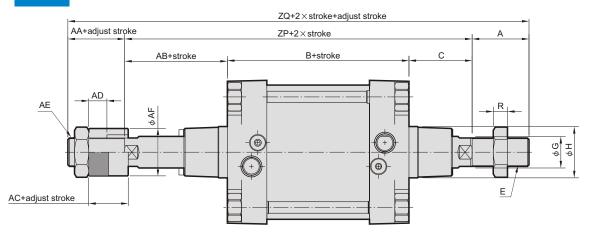
## ISO-VDMA **STANDARD CYLINDERS**



21



27

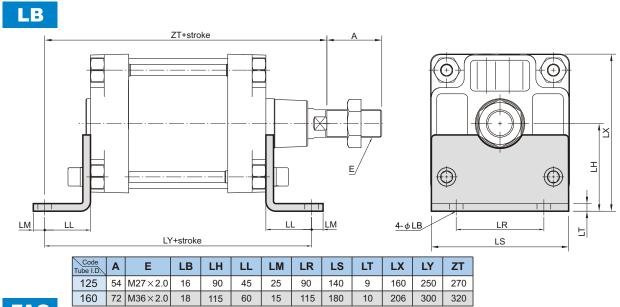


[	Code Tube I.D.	Α	AA	AB	AE	AC	AD	AF	В	B1	B2	С	DD	Е	G	Н	IA	IB	J	K	L	0	R	S
	125	54	38	55	$M30 \times 1.5$	30	18	60	160	27	41	65	G1/2	M27×P2.0	32	60 <sup>e11</sup>	10	40	6	40	25	110	13.5	M12×1.75
	160	72	38	71	M30×1.5	30	18	60	180	36	55	80	G3/4	M36×P2.0	40	65 <sup>e11</sup>	10	55	6	50	30.5	140	18	M16×2.0

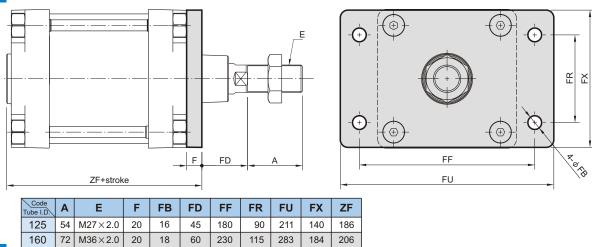
Code Tube I.D.	U	UD	Х	Z	ZB	ZM	ZN	ZQ	ZP
125	11	22	140	285	225	290	398	372	280
160	12	27	182	338	260	340	484	441	331

# *✓*uindman

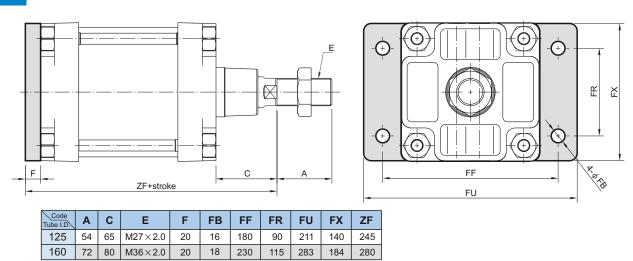
#### ISO-VDMA STANDARD CYLINDERS



### **FAC**



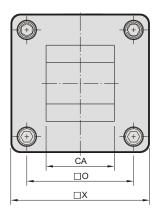
# **FBC**

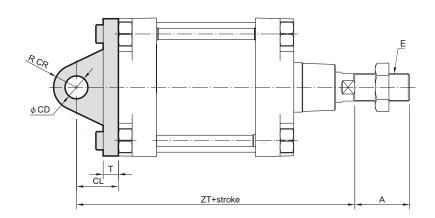




# ISO-VDMA STANDARD CYLINDERS

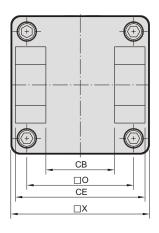
# CA

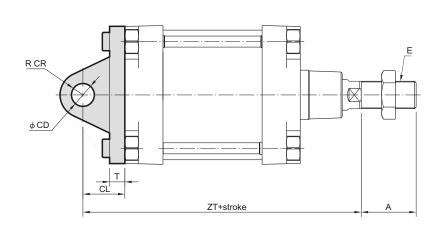




Code Tube I.D.	Α	CA	CD	CL	CR	E	0	Т	Х	ZT
125	54	$70^{-0.1}_{-0.3}$	25 <sup>H9</sup>	50	25	M27×2.0	110	20	140	275
160	72	$90^{-0.5}_{-1.2}$	30 <sup>H9</sup>	55	30	M36×2.0	140	20	180	315

# СВ

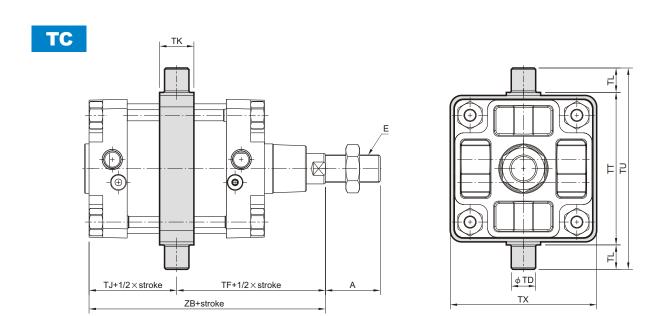




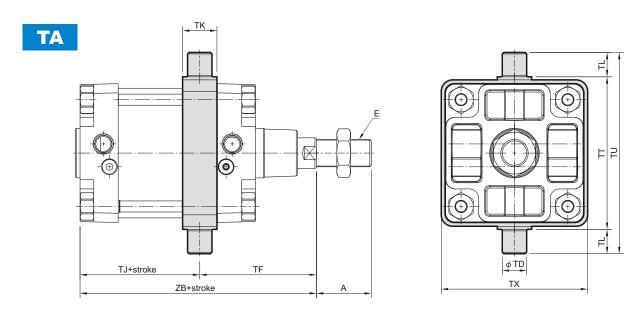
Code Tube I.D.	Α	СВ	CD	CE	CL	CR	E	0	Т	Х	ZT
125	54	70 <sup>H14</sup>	25 <sup>H9</sup>	130+0	50	25	M27×2.0	110	20	140	275
160	72	90 <sup>H14</sup>	30 <sup>H9</sup>	170+0	55	30	M36×2.0	140	20	180	315



# ISO-VDMA STANDARD CYLINDERS



Code Tube I.D.	Α	E	TD	TF	TJ	TK	TL	TT	TU	TX	ZB
125	54	M27×2.0	25 <sup>e9</sup>	145	80	40	25	160	210	155	225
160	72	M36×2.0	32 <sup>e9</sup>	170	90	45	32	200	264	192	260

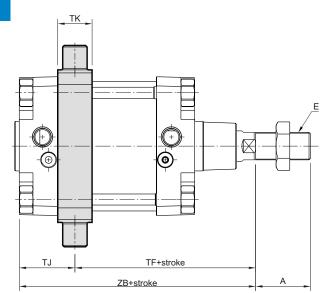


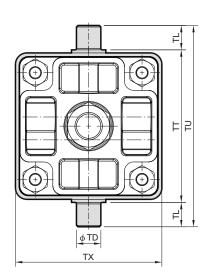
Code	^	П	TD	TE	without	magnet	mag	gnet	TV	TI	тт	TX	TII	
Tube I.D.	A		טו	IF	TJ	ZB	TJ	ZB	IK	IL.		17	10	
125	54	M27×2.0	25 <sup>e9</sup>	125	100	225	146	271	40	25	160	155	210	
160	72	M36×2.0	32 <sup>e9</sup>	153	107	260	157	310	45	32	200	192	264	



# ISO-VDMA STANDARD CYLINDERS

ТВ





Code	Δ	Α	Δ	_	TD	without	magnet	magnet		ті	TK	TI	тт	TII	TV
Tube I.D.	A		טו	TF	ZB	TF	ZB	IJ	IK	L	-	ט	1^		
125	54	M27×2.0	25 <sup>e9</sup>	165	225	211	271	60	40	25	160	210	155		
160	72	M36×2.0	32 <sup>e9</sup>	187	260	237	310	73	45	32	200	264	192		

# MCQV2 / MCQI2 Accessories $\phi 32 \sim \phi 100$

 $\phi 50 \sim \phi 100$ 



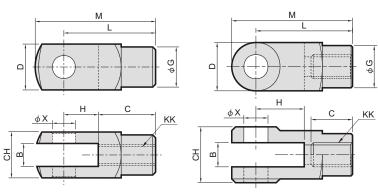
#### ISO-VDMA STANDARD CYLINDERS

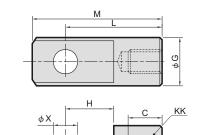
# **∕**uindman

# Y connector

# I connector

 $\phi$  32,  $\phi$  40

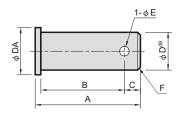




1	Code	E	В		С		CH D		)	(	3	H L		-	K	K	N	Λ	<b>X</b> H9	
Tub	e I.D.	Υ	ı	Υ	Ι	Υ	_	Υ	Ι	Υ	-	Υ	- 1	Υ	-1	Υ	Т	Υ	_	^
	32	10+0.5	$10^{-0.1}_{-0.2}$	20	17	19		19		φ18	φ20	20	15	40	40	M10	× 1.25	52	52	$\phi$ 10 $^{+0.04}_{0}$
	40	12+0.5	$12^{-0.1}_{-0.2}$	24	21	24		24		φ20	φ24	24	18	48	48	M123	× 1.25	62	62	$\phi$ 12 $^{+0.04}_{0}$
	50	16 <sup>+0.3</sup> <sub>+0.1</sub>	16 <sup>-0.1</sup> <sub>-0.3</sub>	28	23	32		32		φ28	φ32	32	32	64	64	M163	× 1.5	89	86	$\phi$ 16 $^{+0.04}_{0}$
	63	16 <sup>+0.3</sup>	16 <sup>-0.1</sup> <sub>-0.3</sub>	28	23	32		32		φ28	φ32	32	32	64	64	M163	× 1.5	89	86	$\phi$ 16 $^{+0.04}_{0}$
	80	20+0.1	$20^{-0.1}_{-0.3}$	33	30	45		40		Φ36	Φ36	40	40	80	80	M20	× 1.5	100	108	$\phi_{20^{+0.05}}$
1	00	20+0.1	$20^{-0.1}_{-0.3}$	33	30	45		40		Φ36	Φ36	40	40	80	80	M20	× 1.5	100	108	$\phi_{20}^{+0.05}$

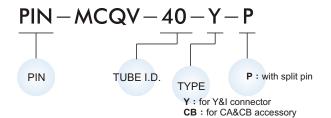
#### Order example \*\*MCQV / MCQI are common accessories.

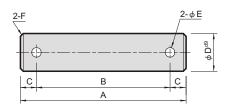
# Pin



#### for Y.I connector

Code Tube I.D.	Α	В	С	<b>D</b> <sup>d9</sup>	DA	Е	F	Split pin
32	30	25	3.5	$\phi$ 10 $^{-0.06}_{-0.09}$	14	3.2	1	3.2×20L
40	37	30	5	$\phi$ 12 $^{-0.06}_{-0.09}$	16	3.2	1	3.2×20L
50 63	47	37	7	φ16 <sup>-0.05</sup> <sub>-0.09</sub>	22	4	1	4×25L
80 100	62	50	8	φ20 <sup>-0.06</sup> <sub>-0.11</sub>	30	5	1.5	5×35L





#### for CA.CB

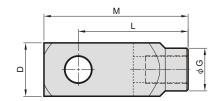
Code Tube I.D.	Α	В	С	D <sup>d9</sup>	Е	F	Split pin
32	69	55	7	$\phi  10^{-0.05}_{-0.09}$	4	1.0	4×20L
40	76	62	7	$\phi 12^{-0.05}_{-0.09}$	4	1.0	4×20L
50	84	70	7	$\phi_{12^{-0.05}_{-0.09}}$	4	1.0	4×20L
63	94	80	7	$\phi  16^{-0.05}_{-0.09}$	4	1.0	4×30L
80	117	100	8.5	$\phi$ 16 $^{-0.05}_{-0.09}$	5	1.5	5×30L
100	137	120	8.5	$\phi_{20^{-0.05}_{-0.09}}$	5	1.5	5×35L

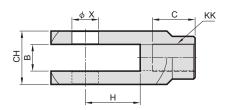




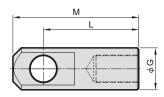


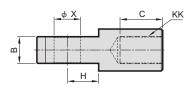
# Y connector





### Connector

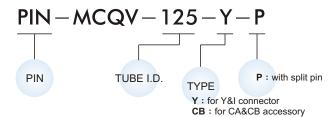


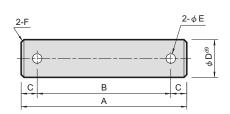


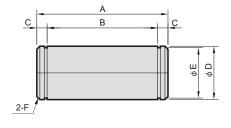
Code		3	(	;	С	Н	[	)	(	3	H	ł	K	K	L	-	ı	/	Х	
Tube I.D.	Y	- 1	Υ	- 1	Υ	Τ	Υ	Ι	Υ	-1	Υ	-1	Υ	I	Υ	-1	Υ	-1	Υ	- 1
125	30+0.52	$30^{-0.2}_{-0.3}$	56	51	55		55		48	55	54	40	M27	×2.0	110	110	148	145	30 + 0.52	30 +0.04
160	35 <sup>+0.62</sup>	35-0.2	56	56	70	$\overline{}$	70	$\overline{}$	56	55	72	41	M36	×2.0	144	125	189	165	35 + 0.05 + 0.02	35 +0.05

### Pin

### Order example







#### for $\phi$ 125

Code Tube I.D.	Α	В	С	<b>D</b> <sup>d9</sup>	Е	F	Split pin
СВ	157	140	8.5	$\phi_{25^{-0.07}_{-0.12}}$	5	1.5	5×36L
Υ	81	64	8.5	$\phi 30^{-0.07}$	6.3	1.5	6.3×40L

for  $\phi$  160

Code Tube I.D.\	Α	В	С	D	Е	F	Snap ring
CB	186	172	7	$30^{e8-0.05}_{00000000000000000000000000000000000$	28.6_0	2	STW-30
Υ	86	72	7	$35^{h7-0}_{-0.03}$	33 0	2	STW-35

