

Product feature

QGA and QGB series cylinders are commonly used in the pneumatic industry in China. QGA without buffer, QGB with buffer. After years of manufacturing and continuous improvement, it has good performance and reliable quality, and is widely used in all field of life.



Ordering code

QGB		125 × 200	S	MF1
Model		Bore size	Stroke	Installation form
QGA	No buffer type	63	Blank Without magnet S With magnet	Blank Basic type
QGB	Buffer type	80		MF1 Front flange type
		100		MF2 Rear flange type
		125		MP4 Tail uniaural
		160		MP2 Tail binaural
		200		MS1 Pedestal type
		250		MT4 Middle pin type
		320		

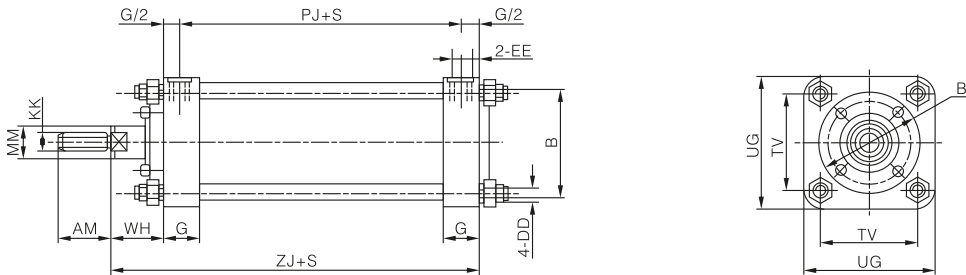
Specifications

Bore size(mm)	63	80	100	125	160	200	250	320
Working pressure range	0.1~1.0MPa							
Guarantee pressure resistance	1.5MPa							
Speed range	50~700mm/s							
Temperature range	-25~80℃ (Without freezing)							
Working medium	Filtered of compressed air containing lubrication oil (ISO VG32)							
lubrication	Mist oil lubrication							
Maximum stroke	800	1000				2000		

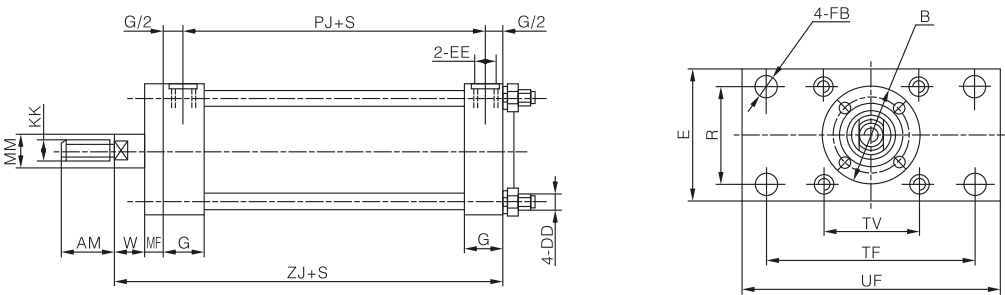
Note: PT thread, G thread and NPT thread are available.

Dimensions

Basic type



Front flange type (MF1)



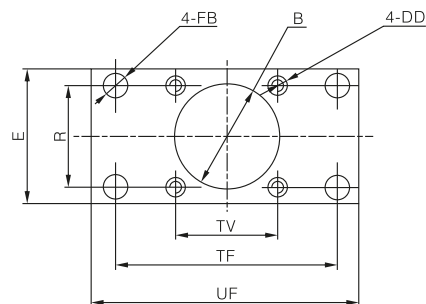
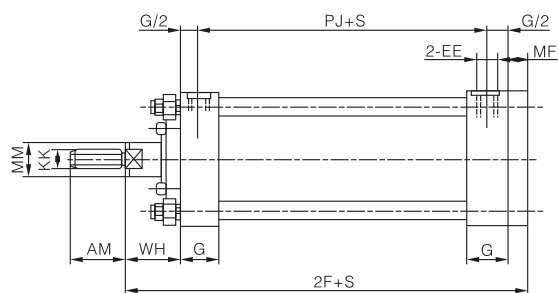
Cylinder

- SC
- SC(Big)
- SCT
- SCF
- SU
- SUF
- SI
- SIF
- DNC
- QGB
- QGBZ
- NCQ2
- NCQ2(Big)
- NCQ2(Long)
- NCQS
- NCQM
- NRQ
- SDA
- ADVU
- ACE(AND)
- MAL
- MA
- MI
- NCM2
- NCJ2
- NCG1
- NCJP
- TD
- TN(TDA)
- NCXS
- NCXSW
- NMGP
- NMGG
- NCU
- NCUJ
- NCY3B
- NCY3R
- NCY1S
- NCY1L
- STM
- NMXH
- NMXS
- NMXQ
- NMHZ2
- NMHC2
- NMHL2
- NMHY2
- NMHT2
- NMHW2
- NMHF2
- NMHS2
- NMHS3
- NMHS4
- NMRHQ
- NMSQ
- NCRA1
- NCRQ2
- NCRB2
- ACK
- SRC
- QCK
- NCK1

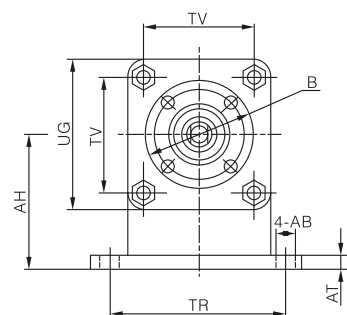
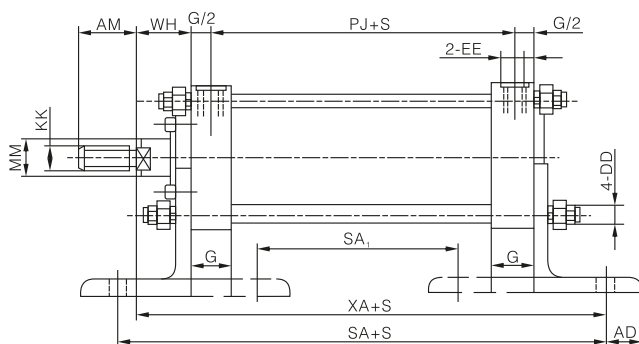
Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

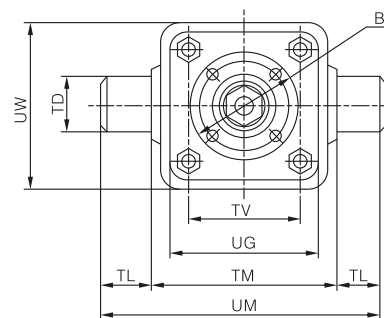
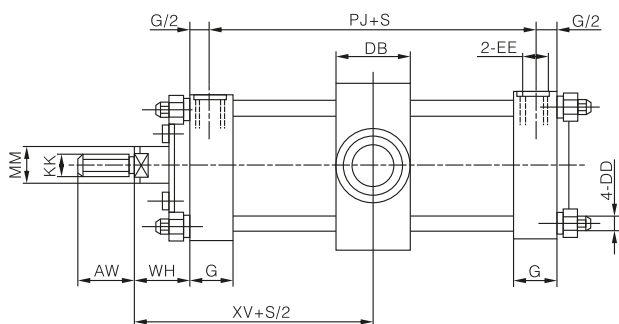
Rear flange type (MF2)



Pedestal type (MS1)

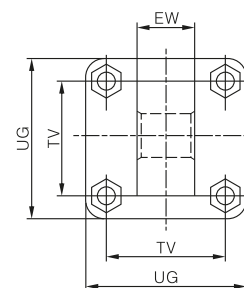
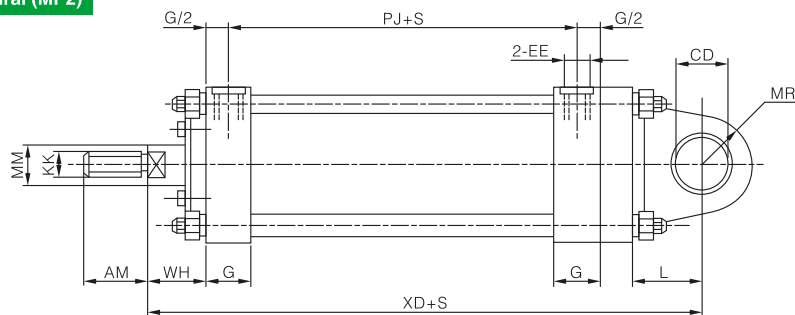


Middle pin type (MT4)



Tail uniaural (MP4)

Tail binaural (MP2)



Note: there are a variety of other forms, Not listed here

Outline dimension table

Bore size	Symbol Dimensions	AM		B		DD		EE		G		KK		MM	
		I	II *	Φ I *	Φ II	I	II	I	II *	I	II	I	II *	Φ I	Φ II *
63		30	30	59	63	M8	M8	M12×1.25	1/4"	25	25	M16×1.5	M12×1.25	20	20
80		30	30	59	63	M8	M8	M16×1.5	1/4"	28	25	M16×1.5	M12×1.25	20	20
100		35	35	64	80	M10	M10	M16×1.5	1/2"	28	25	M20×1.5	M16×1.5	25	25
125		40	40	68	80	M12	M12	M20×1.5	1/2"	38	25	M27×2	M16×1.5	32	25
160		70	70	78	100	M16	M16	M27×2	1/2"	40	45	M33×2	M20×1.5	40	40
200		70	70	78	100	M16	M16	M27×2	1/2"	50	45	M36×2	M20×1.5	40	40
250		84	70	126	125	M24	M24	M33×2	3/4"	54	50	M42×2	M27×1.5	50	50
320		90	-	144	200	M30	M30	M33×2	3/4"	54	60	M48×2	-	70	-
400		90	-	180	250	M36	M36	M42×2	1"	65	60	M56×4	-	80	-

Bore size	Symbol Dimensions	PJ*		TV		UG		WH*		ZJ*		E		FB		MF		R		TF		UF	
		I	II	I	II	I	II	I	II	I	II	I	II	Φ I	Φ II	I	II	I	II	I	II	I	II
63		105	105	56	56	80	80	30	23	160	153	80	80	9	11	14	12	60	60	100	130	120	160
80		102	105	75	70	95	95	30	23	160	153	95	95	9	13	14	16	75	75	115	145	135	180
100		107	105	90	90	115	115	33	25	168	155	115	115	11	13	16	16	90	90	140	160	165	200
125		107	105	110	110	150	150	80	25	180	155	150	150	33	17	16	20	120	120	180	200	215	240
160		150	140	145	140	190	190	80	90	225	215	190	190	17	17	20	20	150	150	230	230	270	270
200		150	140	180	180	230	230	90	90	225	215	230	230	22	21	25	25	180	190	270	280	320	340
250		140	155	225	225	280	280	108	90	302	240	280	280	26	26	28	30	165	230	330	340	395	410
320		154	-	290	280	350	350	126	-	334	-	350	350	33	33	36	40	200	280	400	420	475	500
400		175	-	350	350	430	430	104	-	344	-	430	430	39	33	40	40	-	350	500	490	570	570

Bore size	Symbol Dimensions	W*		ZF*		AB		AH		AO		AT		TR		SA*		SA ₁ *		XA*	
		I	II	I	II	Φ I	Φ II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
63		16	11	174	165	9	11	55	75	-	20	-	8	60	100	210	210	62	-	-	193
80		16	7	174	169	9	13	65	85		29.5		8	75	145	210	220	62			198.5
100		23	9	184	171	11	13	75	95		29.5		8	90	150	225	220	61			200.5
125		25	5	196	175	13	17	96	115		40		10	120	190	245	250	61			215
160		25	20	245	235	17	17	120	130		40		10	150	210	320	295	80			275
200		25	15	250	240	22	21	160	160		56		14	180	260	340	313	88			284
250		80	10	330	270	26	26	165	195		56.5		16	165	320	350	407	66			343.5
320		90	-	370	-	33	33	200	250		85		20	200	350	390	-	62			-
400		64	-	384	-	39	33	-	285		85		20	-	430	420	-	100			-

Bore size	Symbol Dimensions	DB		TD		TM		UM		UW		XV*		CD		EW		L		MR		XD*	
		I	II	Φ I	Φ II	I	II	I	II	I	II	I	II	Φ I	Φ II	I	II	I	II	I	II	I	II
63		35	40	20	30	85	100	135	150	80	90	95	88	20	25	20	30	60	34	20	25	220	203
80		35	50	20	30	105	150	155	210	95	115	95	88	20	25	20	30	60	34	20	25	220	203
100		50	50	25	30	135	175	195	235	115	140	90.5	90	25	25	25	30	80	34	25	25	248	205
125		60	60	25	40	169	210	229	290	150	170	107.5	90	25	30	25	40	100	40	25	30	280	215
160		60	60	30	40	220	240	300	320	190	210	130	127.5	30	30	30	40	120	40	30	30	345	275
200		100	70	50	50	270	300	370	400	230	250	125	127.5	35	35	50	50	75	50	35	35	300	290
250		100	100	40	70	320	360	400	500	280	310	-	140	40	40	110	60	73	55	40	40	375	325
320		96	-	50	90	400	420	500	600	350	-	-	-	45	50	120	80	86	70	45	50	420	-
400		105	-	90	90	500	530	640	710	430	-	-	-	60	50	-	80	110	70	-	50	454	-

Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB

QGBZ

NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRA2
NCRB2
ACK
SRC
QCK
NCK1



Product feature

QGBZ series heavy duty cylinders are single piston double acting type with adjustable cushion on both sides. It can replace QGB series cylinders. It has compact size and small installation space.

The main material is high quality carbon structural steel, which is durable and suitable for working under harsh conditions.

Symbol



Specifications

Bore size (mm)		50	63	80	100	125	160	200	250
Maximum stroke (mm)		1400		1800		2000			
Pressure range (MPa)		0.1~1							
Working medium		Clean and dry compressed air with oil mist							
Speed range		50~700mm/s							
Temperature range (°C)		-5~60							
Thread technical level		GB7073-87 6g.6H							
Theoretical out put (N) (When the pressure is 0.5 MPa)	Thrust	834	1324	2135	3336	5213	8602	13440	21000
	Pull	673	1162	1927	3127	4871	8064	12902	20319
Buffer		Adjustable buffer							
Lubrication		Lubricating oils with viscosity of 2.5 to 7°E							
Installation form	Sign	MF1	MF2		S2	MP1	MP3		MT4
	Explain	Front flange	Rear flange		Axial scaffold type	Double hanging ear	Single suspended ear type		Middle hinge shaft
Buffer stroke (mm)		16			20		23		25

Note: PT thread, G thread and NPT thread are available.

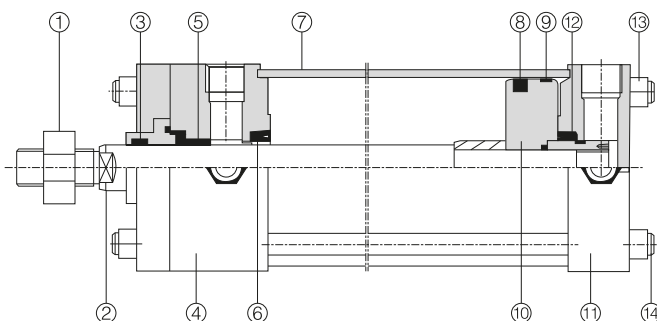
Ordering code

QGBZ		125 × 200		S		MF1	
Model		Stroke		Magnet code		Installation form	
QGBZ	Heavy duty cylinder			Blank	Without magnet	Blank	Basic type
				S	With magnet	MF1	Front flange type
						MF2	Rear flange type
						MP1	Double suspension ear
						MP3	Single suspended ear
						MT4	Middle hinge shaft
						S2	Axial scaffold type

Order description

1. QGBZ heavy-duty cylinder basic type, inner diameter is 100 mm, stroke of 120 mm, order model QGBZ100-120.
2. QGBZ heavy-duty cylinder with accessories, inner diameter of 100, stroke of 120 mm, installation form of S2, order model: QGBZ100-120-S2.

Inner structure and material of major parts

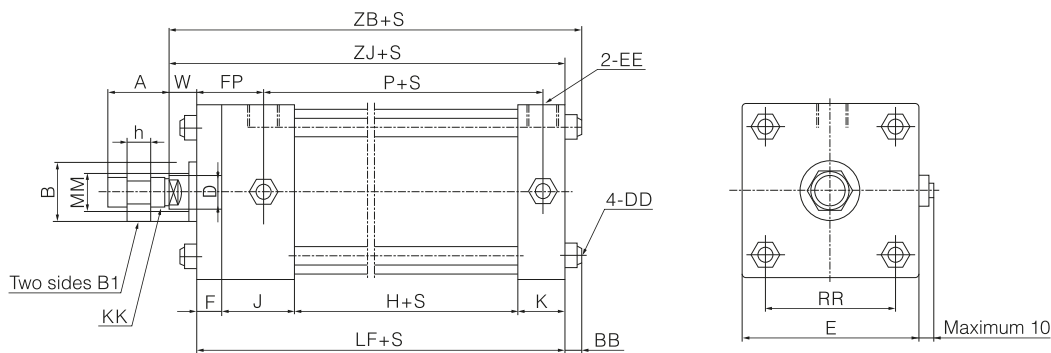


No.	Item	Material
1	Rod nut	Carbon steel
2	Piston rod	Carbon steel with 20μm chrome plated
3	Front cover packing	TPU
4	Front cover	Carbon steel
5	Bushing	Wear resistant material
6	Cushion O-ring	TPU
7	Barrel	Carbon steel
8	Piston seal	TPU
9	Wear ring	Wear resistant material
10	Piston	Aluminum alloy
11	Back cover	Carbon steel
12	Cushion seal	TPU
13	Tie rod nut	Carbon steel
14	Tie rod	Carbon steel

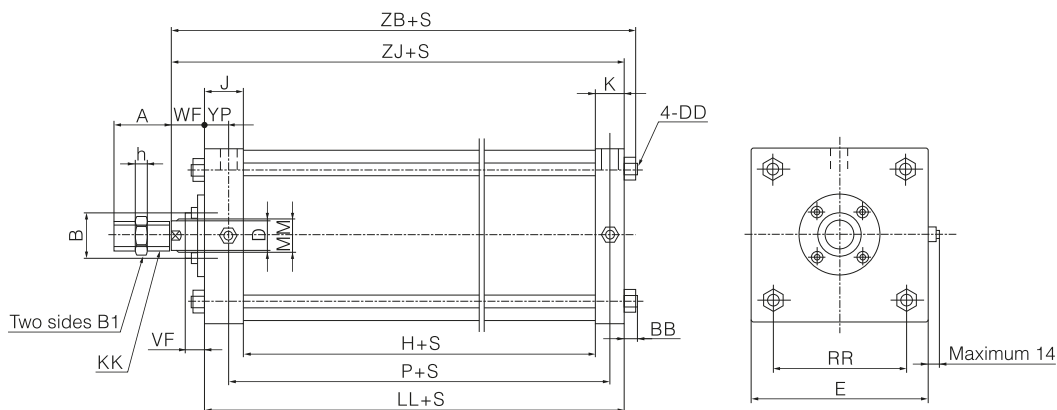
Dimensions

Basic type

Φ50~Φ100



Φ125~Φ250



Bore size (mm)	A	BΦ	B1	BB	D	DD	E	EE	F	FP	H	h	J
50	32	34	22	9.5	19	M6	□62	1/4"	10	34	35	8	35.5
63	32	34	22	10.5	19	M8	□76	3/8"	10	34	38	8	35.5
80	40	39	27	12.5	22	M10	□94	3/8"	16	43	35	10	43
100	40	39	27	12.5	22	M10	□114	1/2"	16	43	36	10	43
125	54	46	36	13	27	M12	□138	1/2"	-	-	45	13.5	41
160	72	55	50	16	36	M16	□178	3/4"	-	-	50	20	46.5
200	72	55	50	16	36	M16	□216	3/4"	-	-	50	20	46.5
250	84	60	60	19	41	M20	□270	1"	-	-	65	22	52

Bore size (mm)	KK	K	LF	LL	MMΦ	P	RR	VF	W	WF	YP	ZB	ZJ
50	M16×1.5	22.5	103	-	22	58	□47	-	15	-	-	127.5	118
63	M16×1.5	22.5	106	-	22	61	□56	-	15	-	-	131.5	121
80	M20×1.5	30	124	-	25	67	□70	-	19	-	-	155.5	143
100	M20×1.5	30	124	-	25	67	□84	-	19	-	-	155.5	143
125	M27×2	28	-	114	32	73	□104	21	-	35	27	162	149
160	M36×2	34.5	-	131	40	85	□134	25	-	41	29	188	172
200	M36×2	34.5	-	131	40	85	□163	25	-	41	29	188	172
250	M42×2	45	-	162	45	109	□202	30	-	48	30	229	210

Cylinder

SC

SC(Big)

SCT

SCF

SU

SUF

SI

SIF

DNC

QGB

QGBZ

NCQ2

NCQ2(Big)

NCQ2(Long)

NCQS

NCQM

NRQ

SDA

ADVU

ACE(AND)

MAL

MA

MI

NCM2

NCJ2

NCG1

NCJP

TD

TN(TDA)

NCXS

NCXSW

NMGP

NMGG

NCU

NCUJ

NCY3B

NCY3R

NCY1S

NCY1L

STM

NMXH

NMXS

NMXQ

NMHZ2

NMHC2

NMHL2

NMHY2

NMHT2

NMHW2

NMHF2

NMHS2

NMHS3

NMHS4

NMRHQ

NMSQ

NCRA1

NCRQ2

NCRB2

ACK

SRC

QCK

NCK1

Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB

QGBZ

NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI

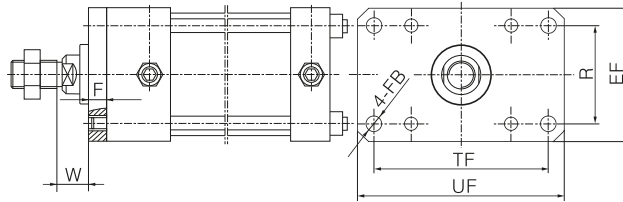
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L

STM
NMXH
NMXS
NMXQ
NMH22
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ

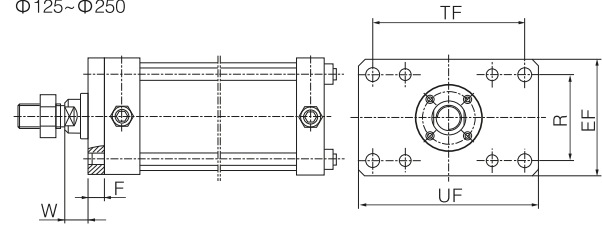
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Front flange type (MF1)

Φ50~Φ100

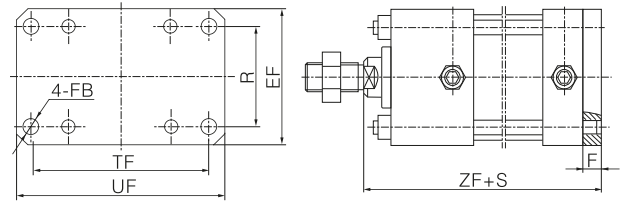


Φ125~Φ250

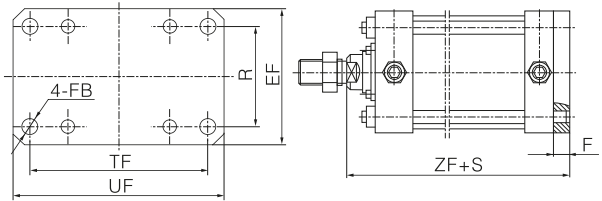


Rear flange type (MF2)

Φ50~Φ100

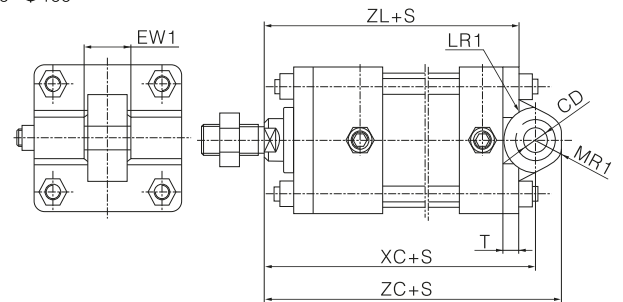


Φ125~Φ250

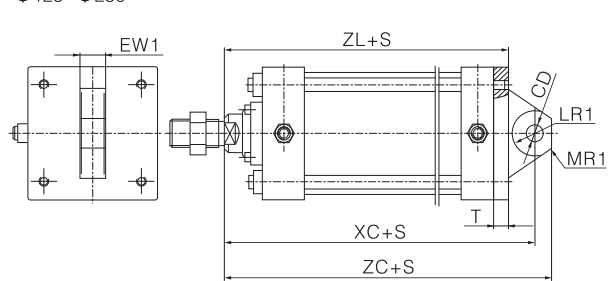


Single suspended ear (MP3)

Φ50~Φ100

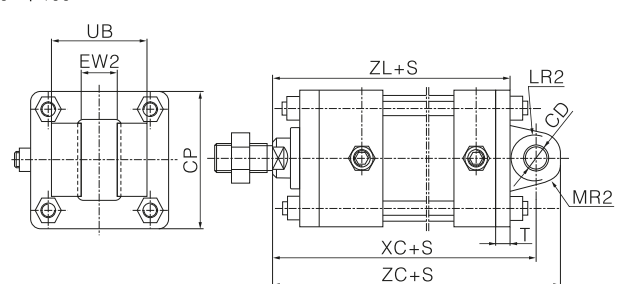


Φ125~Φ250

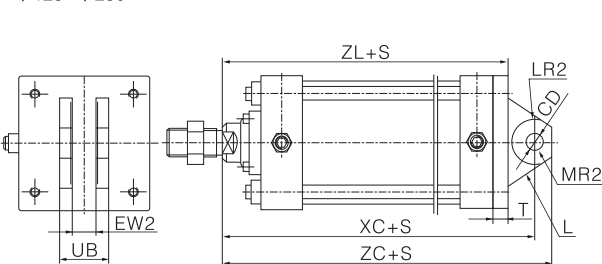


Double suspension ear (MP1)

Φ50~Φ100

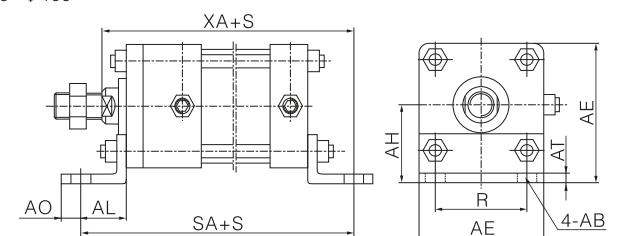


Φ125~Φ250

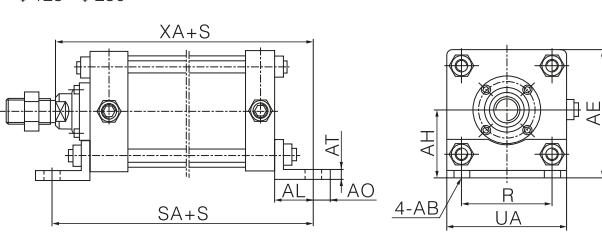


Axial scaffold type (S2)

Φ50~Φ100

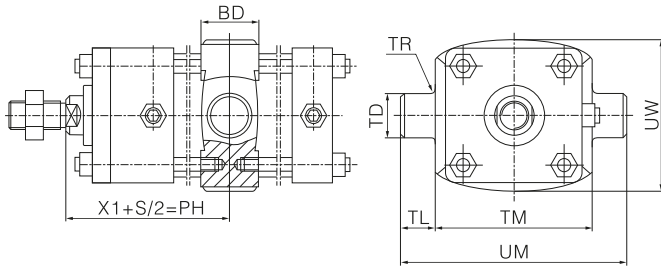


Φ125~Φ250

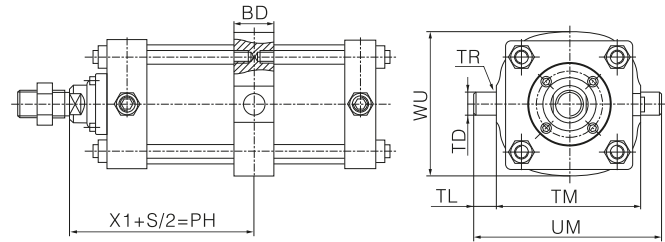


Middle hinge shaft (MT4)

Φ50~Φ100



Φ125~Φ250



Bore size (mm)	ΦAB	AE	AH	AL	AO	AT	R	SA	UA	XA	EF	FB	ΦTF	MR2
50	12	72	41	26	12	6	47	155	70	144	65	9	86	R17
63	12	86	48	28	12	6	56	162	80	149	76	9	98	R17
80	14	106	59	34	14	8	70	192	97	177	94	12	119	R23
100	14	123	66	34	14	8	84	192	114	177	114	12	138	R23
125	18	148	79	43	18	10	104	200	138	192	138	14	168	R22
160	22	187	98	50	22	10	134	231	178	222	178	18	212	R30
200	22	226	118	55	22	15	163	241	216	227	216	18	250	R30
250	26	276	141	60	24	15	202	282	270	270	270	22	312	R42

Bore size (mm)	UF	ΦCD	EW1	L	LR1	MR1	XC	ZC	ZL	UB	BD	EW2	LR2
50	104	14H9	20 ⁰ _{-0.084}	-	R19	R16	137	152	128	52	30	20 ^{+0.7} _{+0.5}	-
63	116	14H9	20 ⁰ _{-0.084}	-	R19	R16	140	155	134	52	30	20 ^{+0.7} _{+0.5}	-
80	143	20H9	32 ⁰ _{-0.100}	-	R26	R22	175	195	161	64	35	32 ^{+0.7} _{+0.5}	-
100	162	20H9	32 ⁰ _{-0.100}	-	R27	R22	175	195	161	64	40	32 ^{+0.7} _{+0.5}	-
125	196	20H9	32 ⁰ _{-0.100}	36	R26	R22	199	219	163	64	43	32 ^{+0.7} _{+0.5}	R26
160	248	28H9	40 ⁰ _{-0.100}	44	R32	R30	236	264	192	80	53	40 ^{+0.8} _{+0.5}	R32
200	286	28H9	40 ⁰ _{-0.100}	44	R32	R30	241	269	197	80	53	40 ^{+0.8} _{+0.5}	R32
250	356	36H9	50 ⁰ _{-0.100}	58	R46	R42	298	334	240	100	58	50 ^{+0.8} _{+0.5}	R46

Bore size (mm)	MT4 Type		ΦTD	TL	TM	TR	UM	UW	XI	T	W	ZF	F	T(MP3)	ZT(MP3)	ZC(MP3)
	Minimum PH	Minimum stroke														
50	78	0	25e9	25	76	R1.5	126	71	78	8	15	128	10	10	128	151
63	79.5	0	25e9	25	88	R1.5	138	86	79.5	8	15	131	10	13	134	154
80	99	7	25e9	25	114	R1.5	164	104	95.5	11	19	159	16	18	161	-
100	101.5	12	25e9	25	132	R2	182	128	95.5	11	19	159	16	18	161	-
125	101.5	6	25e9	25	158	R2	208	158	98.5	14	19	165	16	With MP1	With MP1	With MP1
160	119	13	36e9	36	200	R2	272	200	112.5	20	21	192	20	With MP1	With MP1	With MP1
200	119	13	36e9	36	246	R2	318	246	112.5	25	21	192	20	With MP1	With MP1	With MP1
250	134	0	45e9	45	304	R3	394	304	132.5	30	23	235	25	With MP1	With MP1	With MP1

Cylinder

SC

SC(Big)

SCT

SCF

SU

SUF

SI

SIF

DNC

QGB

QGBZ

NCQ2

NCQ2(Big)

NCQ2(Long)

NCQS

NCQM

NRQ

SDA

ADVU

ACE(AND)

MAL

MA

MI

NCM2

NCJ2

NCG1

NCJP

TD

TN(TDA)

NCXS

NCXSW

NMGP

NMGG

NCU

NCUJ

NCY3B

NCY3R

NCY1S

NCY1L

STM

NMXH

NMXS

NMXQ

NMHZ2

NMHC2

NMHL2

NMHY2

NMHT2

NMHW2

NMHF2

NMHS2

NMHS3

NMHS4

NMRHQ

NMSQ

NCRA1

NCRQ2

NCRB2

ACK

SRC

QCK

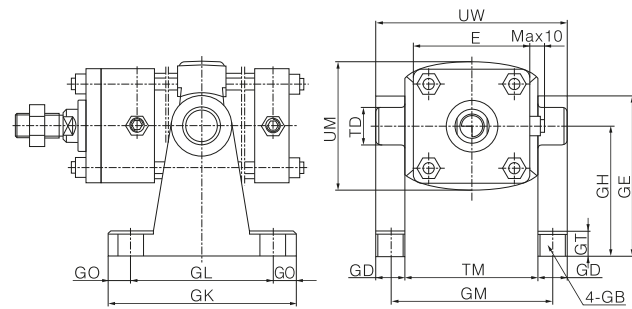
NCK1

Cylinder

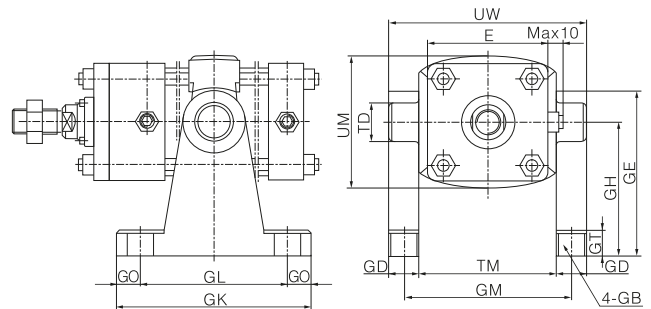
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Hinged axle seat for MT4

Φ50~Φ100



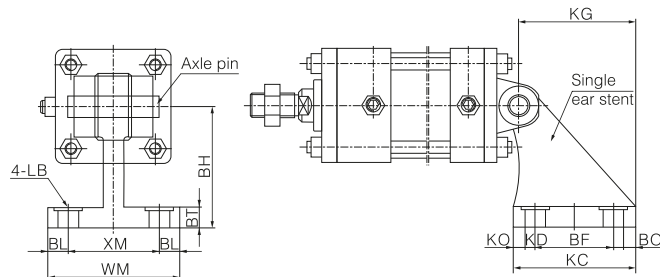
Φ125~Φ250



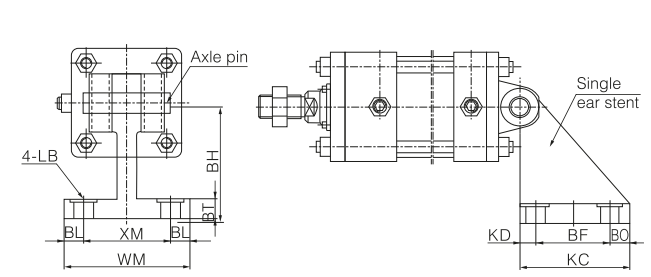
Bore size (mm)	E	ΦGB	GD	GE	GH	GK	GL	GM	GO	GT	ΦTD	TM	UM	UW
50	□62	11	23	72	50	110	80	99	15	12	25H9/e9	76	126	71
63	□76	11	23	72	50	110	80	111	15	12	25H9/e9	88	138	86
80	□94	14	26	92	70	120	85	137	17.5	14	25H9/e9	114	164	104
100	□114	14	26	92	70	120	85	155	17.5	14	25H9/e9	132	182	128
125	□138	18	25	115	85	145	105	183	20	25	25H9/e9	158	208	158
160	□178	22	36	170	130	185	140	236	22.5	25	36H9/e9	200	272	200
200	□216	22	36	170	130	185	140	282	22.5	25	36H9/e9	246	318	246
250	□270	26	45	210	160	215	165	349	25	32	45H9/e9	304	394	304

Monaural seat for MP1

Φ50~Φ100

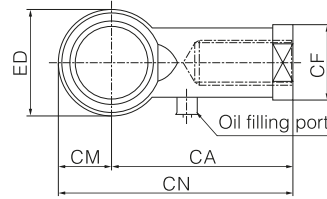
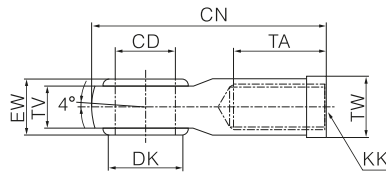


Φ125~Φ250



Bore size (mm)	BF	BH	BL	BO	BT	KC	KD	KG	KO	ΦLB	WM	XM
50	40	45	12.5	15	8	70	10	65	5	11	105	80
63	40	45	12.5	15	8	70	10	65	5	11	105	80
80	65	60	15	15	12	95	5	85	10	14	135	105
100	65	60	15	15	12	95	5	85	10	14	135	105
125	77	75	17.5	17.5	14	112	17.5	-	-	18	145	110
160	120	115	22.5	22.5	23	165	22.5	-	-	22	175	130
200	120	115	22.5	22.5	23	165	22.5	-	-	22	175	130
250	165	140	25	25	28	215	25	-	-	26	220	170

Spherical single ear connector (S-type)

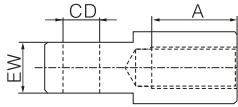
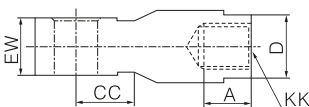
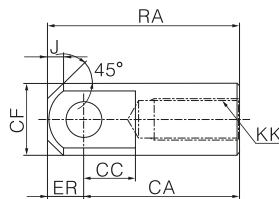
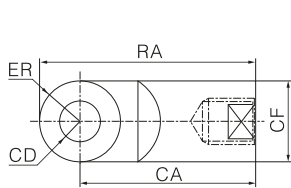


Bore size (mm)	CA	CD	CF	CM	ΦCN	ED	EW	KK	TA	TV	TW
50	64	16h9	27	19	83	38	21 ⁰ _{-0.1}	M16×1.5	33	15 ^{+0.1} _{-0.1}	22
63	64	16h9	27	19	83	38	21 ⁰ _{-0.1}	M16×1.5	33	15 ^{+0.1} _{-0.1}	22
80	77	20h9	34	23	100	46	25 ⁰ _{-0.1}	M20×1.5	40	18 ^{+0.1} _{-0.1}	30
100	77	20h9	34	23	100	46	25 ⁰ _{-0.1}	M20×1.5	40	18 ^{+0.1} _{-0.1}	30

Single ear connector (T-type)

Φ50~Φ100

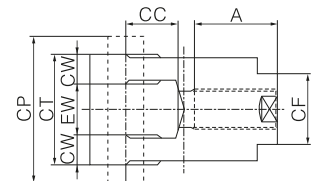
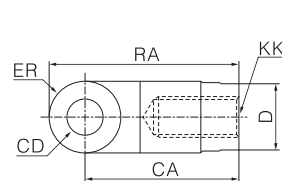
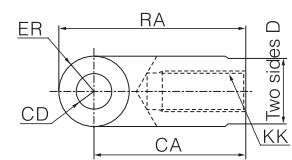
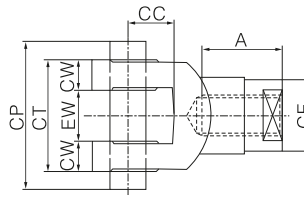
Φ125~Φ250



Fork pin connector (Y-type)

Φ50~Φ100

Φ125~Φ250



Bore size (mm)	A	CA	CC		CD		CF		CP	CT	CW	D		ED(R)		EW		KK	RA
			T type	Y type	T type	Y type	T type	Y type				T type	Y type	T type	Y type	T type	Y type		
50	33	60	20	18	14H9	14H9/f8	28	28	58	44	12	26	26	14	14	20 ⁰ _{-0.1}	20 ^{+1.5} _{+0.5}	M16×1.5	74
63	33	60	20	18	14H9	14H9/f8	28	28	58	44	12	26	26	14	14	20 ⁰ _{-0.1}	20 ^{+1.5} _{+0.5}	M16×1.5	74
80	41	85	30	28	20H9	20H9/f8	36	36	78	64	16	30	30	19	19	32 ⁰ _{-0.1}	32 ^{+1.5} _{+0.5}	M20×1.5	104
100	41	85	30	28	20H9	20H9/f8	36	36	78	64	16	30	30	19	19	32 ⁰ _{-0.1}	32 ^{+1.5} _{+0.5}	M20×1.5	104
125	56	100	32	35	20H9	20H9/f8	49	40	78	64	16	-	37	20	20	32 ⁰ _{-0.1}	32 ^{+1.5} _{+0.5}	M27×2	120
160	74	125	33	36.5	28H9	28H9/f8	62	55	97	80	20	-	52	27.5	27.5	40 ⁰ _{-0.1}	40 ^{+1.5} _{+0.5}	M36×2	152.5
200	74	125	33	36.5	28H9	28H9/f8	62	55	97	80	20	-	52	27.5	27.5	40 ⁰ _{-0.1}	40 ^{+1.5} _{+0.5}	M36×2	152.5
250	86	144	48	49	36H9	36H9/f8	79	70	117	100	25	-	65	35	35	50 ⁰ _{-0.1}	50 ^{+1.5} _{+0.5}	M42×2	179

Cylinder

SC

SC(Big)

SCT

SCF

SU

SUF

SI

SIF

DNC

QGB

QGBZ

NCQ2

NCQ2(Big)

NCQ2(Long)

NCQS

NCQM

NRQ

SDA

ADVU

ACE(AND)

MAL

MA

MI

NCM2

NCJ2

NCG1

NCJP

TD

TN(TDA)

NCXS

NCXSW

NMGP

NMGG

NCU

NCUJ

NCY3B

NCY3R

NCY1S

NCY1L

STM

NMXH

NMXS

NMXQ

NMHZ2

NMHC2

NMHL2

NMHY2

NMHT2

NMHW2

NMHF2

NMHS2

NMHS3

NMHS4

NMRHQ

NMSQ

NCRA1

NCRQ2

NCRB2

ACK

SRC

QCK

NCK1