

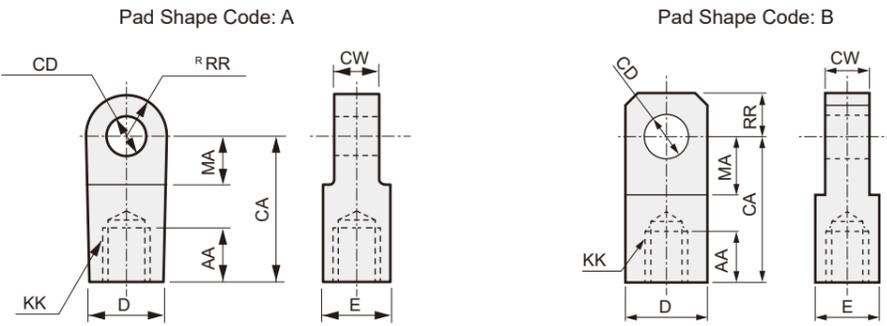
# Clevis dimension list

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# Clevis dimension list

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## Single Knuckle



Model	Shape Code	Model No.	Applicable Bore Size (ø)	AA	CA	CD	CW	D	E	KK	MA	RR
CMK2	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	25, 32	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		M1-I-40	40	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M12 × 1.5	16	12
CMA2	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	30	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		M1-I-40	40	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M12 × 1.5	16	12
CKV2	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	25, 32	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		M1-I-40	40	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M12 × 1.5	16	12
CAV2 COV2	A	CAV2-50-I	50	25	50	14 <sup>H10</sup>	20 <sup>0/-0.3</sup>	26	26	M16 × 1.5	20	15
		CAV2-75-I	75, 100	30	65	20 <sup>H10</sup>	28 <sup>0/-0.3</sup>	38	35	M22 × 1.5	28	22.5
HCA	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	25, 32	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		S1-I-40	40	20	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M14 × 1.5	21	16
	A	S1-I-50	50	21	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16
		S1-I-63	63	21	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16
		S1-I-80	80	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M22 × 1.5	30	25
		S1-I-100	100	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M26 × 1.5	30	25
JSG	B	SCG-I-40	40	19	40	10 <sup>H10</sup>	14 <sup>-0.1/-0.3</sup>	ø22	ø22	M14 × 1.5	19	10
		SCG-I-50	50, 63	24	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.3</sup>	ø28	ø28	M18 × 1.5	24	14
		SCG-I-80	80	26	60	22 <sup>H10</sup>	30 <sup>-0.1/-0.3</sup>	ø40	ø40	M22 × 1.5	34	20
		SCG-I-100	100	26	60	22 <sup>H10</sup>	30 <sup>-0.1/-0.3</sup>	ø40	ø40	M26 × 1.5	34	20
JSM2	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	30	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		M1-I-40	40	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M12 × 1.5	16	12
JSK2	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10
		M1-I-30	25, 32	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12
		M1-I-40	40	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M12 × 1.5	16	12
JSC3	A	S1-I-40	40	20	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M14 × 1.5	21	16
		S1-I-50	50	21	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16
		S1-I-63	63	21	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16
		S1-I-80	80	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M22 × 1.5	30	25
		S1-I-100	100	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M26 × 1.5	30	25
JSC4	B	SCS2-125-I	125	50	85	25 <sup>H10</sup>	32 <sup>-0.1/-0.4</sup>	ø55	ø55	M30 × 1.5	32	27.5
		SCS2-140-I	140	50	90	28 <sup>H10</sup>	36 <sup>-0.1/-0.4</sup>	ø60	ø60	M30 × 1.5	35	30
		SCS2-160-I	160	60	105	32 <sup>H10</sup>	40 <sup>-0.1/-0.4</sup>	ø70	ø70	M36 × 1.5	40	35
		SCS2-180-I	180	65	115	40 <sup>H10</sup>	50 <sup>-0.1/-0.4</sup>	ø85	ø85	M40 × 1.5	47.5	42.5
SCP□3	B	P2-I-10	10	8	21	3.2 <sup>H10</sup>	3.1 <sup>0/-0.1</sup>	12	12	M4	9	7
		P2-I-16	16	8	25	5 <sup>H10</sup>	6.4 <sup>0/-0.1</sup>	12	12	M5	14	7

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

## Single Knuckle

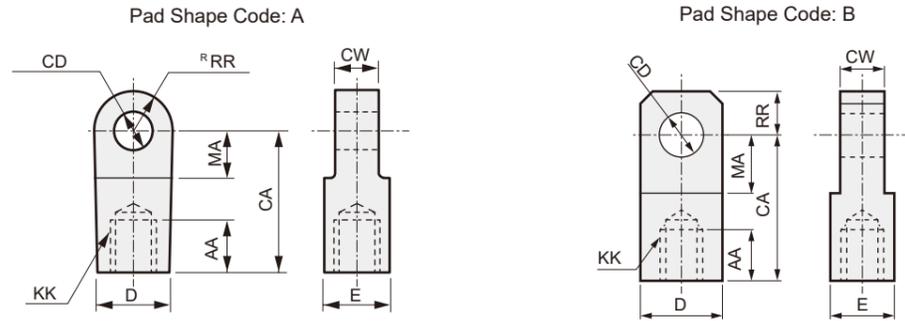
Model	Shape Code	Model No.	Applicable Bore Size (ø)	AA	CA	CD	CW	D	E	KK	MA	RR		
SCA2	A	S1-I-40	40	20	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M14 × 1.5	21	16		
		S1-I-50	50	21	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16		
		S1-I-63	63	21	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16		
		S1-I-80	80	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M22 × 1.5	30	25		
		S1-I-100	100	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	(46)	41	M26 × 1.5	30	25		
SCG	B	SCG-I-32	32	14	30	10 <sup>H10</sup>	14 <sup>-0.1/-0.3</sup>	ø20	ø20	M10 × 1.25	16	10		
		SCG-I-40	40	19	40	10 <sup>H10</sup>	14 <sup>-0.1/-0.3</sup>	ø22	ø22	M14 × 1.5	19	10		
		SCG-I-50	50, 63	24	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.3</sup>	ø28	ø28	M18 × 1.5	24	14		
		SCG-I-80	80	26	60	22 <sup>H10</sup>	30 <sup>-0.1/-0.3</sup>	ø40	ø40	M22 × 1.5	34	20		
		SCG-I-100	100	26	60	22 <sup>H10</sup>	30 <sup>-0.1/-0.3</sup>	ø40	ø40	M26 × 1.5	34	20		
SCS2	B	SCS2-125-I	125	50	85	25 <sup>H10</sup>	32 <sup>-0.1/-0.4</sup>	ø55	ø55	M30 × 1.5	32	27.5		
		SCS2-140-I	140	50	90	28 <sup>H10</sup>	36 <sup>-0.1/-0.4</sup>	ø60	ø60	M30 × 1.5	35	30		
		SCS2-160-I	160	60	105	32 <sup>H10</sup>	40 <sup>-0.1/-0.4</sup>	ø70	ø70	M36 × 1.5	40	35		
		SCS2-180-I	180	65	115	40 <sup>H10</sup>	50 <sup>-0.1/-0.4</sup>	ø85	ø85	M40 × 1.5	47.5	42.5		
		SCS2-200-I	200	75	125	40 <sup>H10</sup>	50 <sup>-0.1/-0.4</sup>	ø85	ø85	M45 × 1.5	47.5	42.5		
		SCS2-250-I	250	88	150	50 <sup>H10</sup>	63 <sup>-0.1/-0.4</sup>	ø105	ø105	M56 × 2	57.5	52.5		
SCM	B	SCM-I-20	20	8.5	25	8 <sup>H10</sup>	8 <sup>-0.2/-0.4</sup>	16	16	M8	11.5	9		
		SCM-I-25	25, 32	10.5	30	10 <sup>H10</sup>	10 <sup>-0.2/-0.4</sup>	20	20	M10 × 1.25	14	11		
		SCM-I-40	40	14	30	10 <sup>H10</sup>	18 <sup>-0.3/-0.5</sup>	22	22	M14 × 1.5	14	12		
	A	SCM-I-50	50, 63	18	40	14 <sup>H10</sup>	22 <sup>-0.3/-0.5</sup>	28	28	M18 × 1.5	20	16		
		SCM-I-80	80	21	50	18 <sup>H10</sup>	28 <sup>-0.3/-0.5</sup>	38	38	M22 × 1.5	27	21		
		SCM-I-100	100	21	55	22 <sup>H10</sup>	32 <sup>-0.3/-0.5</sup>	44	44	M26 × 1.5	31	24		
SSD2	B	SSD2-I-12	12	6	16	5 <sup>H10</sup>	5 <sup>-0.2/-0.4</sup>	10	10	M5 × 0.8	7	5.5		
		SSD2-I-16	16	8	25	5 <sup>H10</sup>	6.5 <sup>-0.2/-0.4</sup>	12	12	M6 × 1	14	7		
		SSD2-I-20	20	8.5	25	8 <sup>H10</sup>	8 <sup>-0.2/-0.4</sup>	16	16	M8 × 1.25	11.5	9		
		SSD2-I-25	25	10.5	30	10 <sup>H10</sup>	10 <sup>-0.2/-0.4</sup>	20	20	M10 × 1.25	14	11		
		SSD2-I-32	32, 40	14	30	10 <sup>H10</sup>	18 <sup>-0.3/-0.5</sup>	ø22	ø22	M14 × 1.5	14	12		
	A	SSD2-I-50	50, 63	18	40	14 <sup>H10</sup>	22 <sup>-0.3/-0.5</sup>	ø28	ø28	M18 × 1.5	20	16		
		SSD2-I-80	80	21	50	18 <sup>H10</sup>	28 <sup>-0.3/-0.5</sup>	ø38	ø38	M22 × 1.5	27	21		
		SSD2-I-100	100	21	55	22 <sup>H10</sup>	32 <sup>-0.3/-0.5</sup>	ø44	ø44	M26 × 1.5	31	24		
		SSD	B	P2-I-16	12	8	25	5 <sup>H10</sup>	6.4 <sup>-0.1/-0.2</sup>	12	12	M5	14	10
				SSD-I-16	16	8	25	5 <sup>H10</sup>	6.5 <sup>-0.1/-0.2</sup>	12	12	M6	14	10
SSD-I-20	20			13.5	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8	13	10		
A	M1-I-30		25	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12		
	SSD-I-32		32	15	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M14	16	12		
	SSD-I-40		40	20	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	27	27	M14 × 1.5	21	16		
B	SSD-I-50	50	21	50	12 <sup>H10</sup>	18 <sup>-0.1/-0.4</sup>	27	27	M18 × 1.5	21	16			
	SSD-I-63	63	21	50	14 <sup>H10</sup>	20 <sup>-0.1/-0.4</sup>	(27)	27	M18 × 1.5	21	16			
	SSD-I-80	80	30	70	20 <sup>H10</sup>	28 <sup>-0.1/-0.4</sup>	46	41	M22 × 1.5	30	25			
ULK	B	M1-I-20	20	14	30	10 <sup>H10</sup>	8 <sup>-0.1/-0.2</sup>	19	19	M8 × 1.0	13	10		
		M1-I-30	25, 32	14	36	12 <sup>H10</sup>	10 <sup>-0.1/-0.2</sup>	25	19	M10 × 1.25	16	12		

Ending

Ending

# Clevis dimension list

## Single Knuckle (by thread size)



Thread size KK	Model No.	Pad Shape Code	Applicable Model	Applicable Bore Size (ø)	AA	CA	CD	CW	D	E	MA	RR
M4	P2-I-10	B	SCP□3	10	8	21	3.2 <sup>H10</sup>	3.1 <sup>0</sup> <sub>-0.1</sub>	12	12	9	7
M5	P2-I-16	B	SCP□3	16	8	25	5 <sup>H10</sup>	6.4 <sup>0</sup> <sub>-0.1</sub>	12	12	14	7
			SSD	12								
M6	SSD-I-16	A	SSD	16	8	25	5 <sup>H10</sup>	6.5 <sup>0</sup> <sub>-0.1</sub>	12	12	14	10
	SSD2-I-16	B	SSD2	16	8	25	5 <sup>H10</sup>	6.5 <sup>0</sup> <sub>-0.2</sub>	12	12	14	7
M8 × 1.0	M1-I-20	B	CKV2, CMA2, CMK2 HCA, JSK2, JSM2 ULK	20	14	30	10 <sup>H10</sup>	8 <sup>0</sup> <sub>-0.1</sub>	19	19	13	10
M8	SCM-I-20	B	SCM	20	8.5	25	8 <sup>H10</sup>	8 <sup>0</sup> <sub>-0.2</sub>	16	16	11.5	9
	SSD-I-20	B	SSD	20	13.5	30	10 <sup>H10</sup>	8 <sup>0</sup> <sub>-0.1</sub>	19	19	13	10
	SSD2-I-20	B	SSD2	20	8.5	25	8 <sup>H10</sup>	8 <sup>0</sup> <sub>-0.2</sub>	16	16	11.5	9
M10 × 1.25	SCG-I-32	B	SCG	32	14	30	10 <sup>H10</sup>	14 <sup>0</sup> <sub>-0.1</sub>	ø20	ø20	16	10
	M1-I-30	B	CMA2, CMK2, HCA JSK2, JSM2, ULK, SSD	25, 30, 32	14	36	12 <sup>H10</sup>	10 <sup>0</sup> <sub>-0.2</sub>	25	19	16	12
	SCM-I-25	B	SCM	25, 32	10.5	30	10 <sup>H10</sup>	10 <sup>0</sup> <sub>-0.2</sub>	20	20	14	11
	SSD2-I-25	B	SSD2	25	10.5	30	10 <sup>H10</sup>	10 <sup>0</sup> <sub>-0.2</sub>	20	20	14	11
M12 × 1.5	M1-I-40	B	CKV2, CMA2, CMK2 JSK2, JSM2, ULK	40	14	36	12 <sup>H10</sup>	10 <sup>0</sup> <sub>-0.2</sub>	25	19	16	12
M14 × 1.5	SCG-I-40	B	SCG, JSG	40	19	40	10 <sup>H10</sup>	14 <sup>0</sup> <sub>-0.1</sub>	ø22	ø22	19	10
	SSD2-I-32	A	SSD2	32, 40	14	30	10 <sup>H10</sup>	18 <sup>0</sup> <sub>-0.3</sub>	ø22	ø22	14	12
	S1-I-40	A	HCA, JSC3 SCA2, SSD	40	20	50	12 <sup>H10</sup>	18 <sup>0</sup> <sub>-0.1</sub>	(27)	27	21	16
	SCM-I-40	A	SCM	40	14	30	10 <sup>H10</sup>	18 <sup>0</sup> <sub>-0.3</sub>	22	22	14	12
M14	SSD-I-32	B	SSD	32	15	36	12	10 <sup>0</sup> <sub>-0.1</sub>	25	19	16	12
M16 × 1.5	CAV2-50-I	A	CAV2, COV2	50	25	50	14 <sup>H10</sup>	20 <sup>0</sup> <sub>-0.3</sub>	26	26	20	15
M18 × 1.5	SCG-I-50	B	SCG, JSG	50, 63	24	50	14 <sup>H10</sup>	20 <sup>0</sup> <sub>-0.1</sub>	ø28	ø28	24	14
	SSD2-I-50	A	SSD2	50, 63	18	40	14 <sup>H10</sup>	22 <sup>0</sup> <sub>-0.3</sub>	ø28	ø28	20	16
	S1-I-50	A	HCA, JSC3, SCA2	50	21	50	12 <sup>H10</sup>	18 <sup>0</sup> <sub>-0.1</sub>	(27)	27	21	16
	SSD-I-50	A	SSD									
	S1-I-63	A	HCA, JSC3, SCA2	63	21	50	14 <sup>H10</sup>	20 <sup>0</sup> <sub>-0.1</sub>	(27)	27	21	16
	SSD-I-63	A	SSD									
SCM-I-50	A	SCM	50, 63	18	40	14 <sup>H10</sup>	22 <sup>0</sup> <sub>-0.3</sub>	28	28	20	16	
M22 × 1.5	SCG-I-80	B	SCG, JSG	80	26	60	22 <sup>H10</sup>	30 <sup>0</sup> <sub>-0.1</sub>	ø40	ø40	34	20
	CAV2-75-I	A	CAV2, COV2	75, 100	30	65	20 <sup>H10</sup>	28 <sup>0</sup> <sub>-0.3</sub>	38	35	28	22.5
	S1-I-80	A	HCA, JSC3, SCA2	80	30	70	20 <sup>H10</sup>	28 <sup>0</sup> <sub>-0.1</sub>	(46)	41	30	25
	SSD-I-80	A	SSD									
	SCM-I-80	A	SCM	80	21	50	18 <sup>H10</sup>	28 <sup>0</sup> <sub>-0.3</sub>	38	38	27	21
	SSD2-I-80	A	SSD2	80	21	50	18 <sup>H10</sup>	28 <sup>0</sup> <sub>-0.3</sub>	ø38	ø38	27	21
M26 × 1.5	SCG-I-100	B	SCG, JSG	100	26	60	22 <sup>H10</sup>	30 <sup>0</sup> <sub>-0.1</sub>	ø40	ø40	34	20
	S1-I-100	A	HCA, JSC3, SCA2	100	30	70	20 <sup>H10</sup>	28 <sup>0</sup> <sub>-0.1</sub>	(46)	41	30	25
	SSD-I-100	A	SSD									
	SCM-I-100	A	SCM	100	21	55	22 <sup>H10</sup>	32 <sup>0</sup> <sub>-0.3</sub>	44	44	31	24

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

# Clevis dimension list

## Single Knuckle (by thread size)

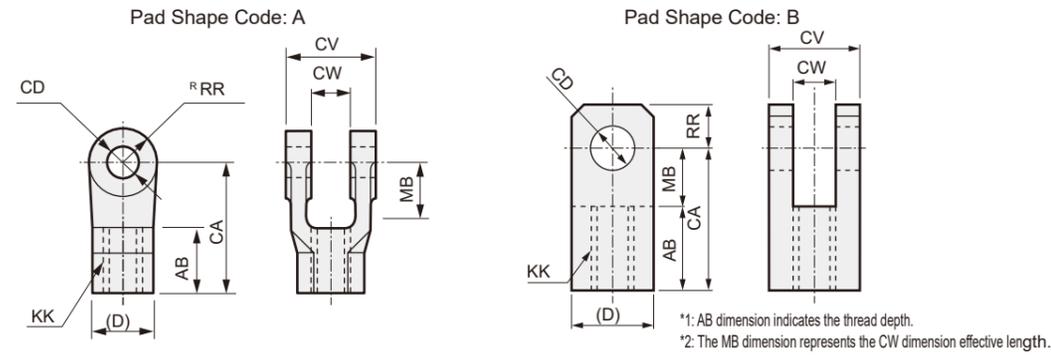
Thread size KK	Model No.	Pad Shape Code	Applicable Model	Applicable Bore Size (ø)	AA	CA	CD	CW	D	E	MA	RR
M26 × 1.5	SSD2-I-100	A	SSD2	100	21	55	22 <sup>H10</sup>	32 <sup>0</sup> <sub>-0.3</sub>	ø44	ø44	31	24
M30 × 1.5	SSD2-125-I	B	JSC4, SCS2	125	50	85	25 <sup>H10</sup>	32 <sup>0</sup> <sub>-0.1</sub>	ø55	ø55	32	27.5
			SSD	125, 140								
	SSD2-140-I	B	JSC4, SCS2	140	50	90	28 <sup>H10</sup>	36 <sup>0</sup> <sub>-0.1</sub>	ø60	ø60	35	30
M36 × 1.5	SSD2-160-I	B	JSC4, SCS2, SSD	160	60	105	32 <sup>H10</sup>	40 <sup>0</sup> <sub>-0.1</sub>	ø70	ø70	40	35
M40 × 1.5	SSD2-180-I	B	JSC4, SCS2	180	65	115	40 <sup>H10</sup>	50 <sup>0</sup> <sub>-0.1</sub>	ø85	ø85	47.5	42.5
M45 × 1.5	SSD2-200-I	B	SCS2	200	75	125	40 <sup>H10</sup>	50 <sup>0</sup> <sub>-0.1</sub>	ø85	ø85	47.5	42.5
M56 × 2	SSD2-250-I	B	SCS2	250	88	150	50 <sup>H10</sup>	63 <sup>0</sup> <sub>-0.1</sub>	ø105	ø105	57.5	52.5

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

# Clevis dimension list

# Clevis dimension list

## Double Knuckle (by series)



Model	Shape Code	Model No.	Applicable Bore Size (ø)	AB	CA	CW	CD	Cv	D	KK	MB	RR
CMK2	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	25, 32	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12
CMA2	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	30	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12
CKV2	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	25, 32	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12
CAV2 COV2	A	CAV2-50-Y	50	25	50	20 $\pm 0.3$	14 H10	42	(23)	M16 × 1.5	18	15
		CAV2-75-Y	75, 100	30	65	28 $\pm 0.3$	20 H10	60	(35)	M22 × 1.5	28	22.5
HCA	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	25, 32	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
	A	S1-Y-40	40	24	50	18 $\pm 0.4$	12 H10	36	(27)	M14 × 1.5	19	16
		S1-Y-50	50	24	50	18 $\pm 0.4$	12 H10	36	(27)	M18 × 1.5	19	16
		S1-Y-80	80	35	70	28 $\pm 0.4$	20 H10	56	(41)	M22 × 1.5	30	25
JSG	A	SCG-Y-40	40	21	40	14 $\pm 0.3$	10 H10	28	(22)	M14 × 1.5	19	11
		SCG-Y-50	50, 63	26	50	20 $\pm 0.3$	14 H10	40	(28)	M18 × 1.5	24	14
		SCG-Y-80	80	31	65	30 $\pm 0.3$	22 H10	60	(40)	M22 × 1.5	34	20
		SCG-Y-100	100	31	65	30 $\pm 0.3$	22 H10	60	(40)	M26 × 1.5	34	20
JSM2	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	30	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12
JSK2	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	25, 32	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12
JSC3	A	S1-Y-40	40	24	50	18 $\pm 0.4$	12 H10	36	(27)	M14 × 1.5	19	16
		S1-Y-50	50	24	50	18 $\pm 0.4$	12 H10	36	(27)	M18 × 1.5	19	16
		S1-Y-63	63	24	50	20 $\pm 0.4$	14 H10	40	(27)	M18 × 1.5	19	16
		S1-Y-80	80	35	70	28 $\pm 0.4$	20 H10	56	(41)	M22 × 1.5	30	25
		S1-Y-100	100	35	70	28 $\pm 0.4$	20 H10	56	(41)	M26 × 1.5	30	25
JSC4	A	SCS2-125-Y	125	50	85	32 $\pm 0.4$	25 H10	64	(46)	M30 × 1.5	35	27.5
		SCS2-140-Y	140	50	90	36 $\pm 0.4$	28 H10	72	(46)	M30 × 1.5	40	30
		SCS2-160-Y	160	60	105	40 $\pm 0.4$	32 H10	80	(55)	M36 × 1.5	45	35
		SCS2-180-Y	180	65	115	50 $\pm 0.4$	40 H10	100	(60)	M40 × 1.5	50	42.5
SCP□3	B	P2-Y-10	10	8	21	3.2 $\pm 0.2$	3.2 H10	12	12	M4	10	7
		P2-Y-16	16	11	21	6.5 $\pm 0.2$	5 H10	12	12	M5	10	7

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

## Double Knuckle (by series)

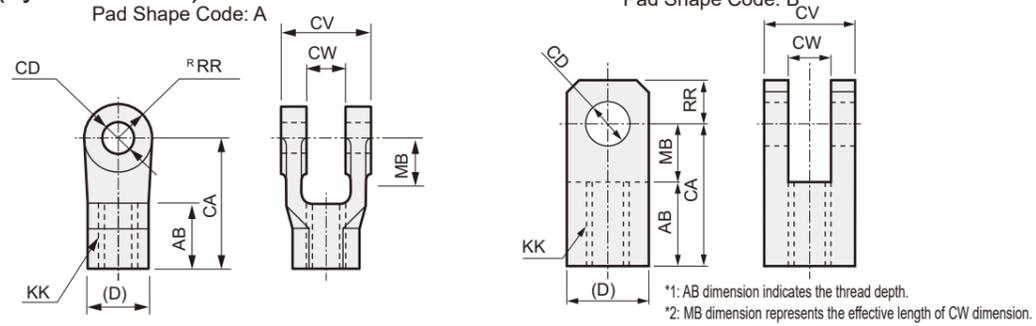
Model	Shape Code	Model No.	Applicable Bore Size (ø)	AB	CA	CW	CD	Cv	D	KK	MB	RR
SCG	A	SCG-Y-32	32	14	30	14 $\pm 0.3$	10 H10	28	(20)	M10 × 1.25	16	10
		SCG-Y-40	40	21	40	14 $\pm 0.3$	10 H10	28	(22)	M14 × 1.5	19	11
		SCG-Y-50	50, 63	26	50	20 $\pm 0.3$	14 H10	40	(28)	M18 × 1.5	24	14
		SCG-Y-80	80	31	65	30 $\pm 0.3$	22 H10	60	(40)	M22 × 1.5	34	20
		SCG-Y-100	100	31	65	30 $\pm 0.3$	22 H10	60	(40)	M26 × 1.5	34	20
SCA2	A	S1-Y-40	40	24	50	18 $\pm 0.4$	12 H10	36	(27)	M14 × 1.5	19	16
		S1-Y-50	50	24	50	18 $\pm 0.4$	12 H10	36	(27)	M18 × 1.5	19	16
		S1-Y-63	63	24	50	20 $\pm 0.4$	14 H10	40	(27)	M18 × 1.5	19	16
		S1-Y-80	80	35	70	28 $\pm 0.4$	20 H10	56	(41)	M22 × 1.5	30	25
SCS2	A	SCS2-125-Y	125	50	85	32 $\pm 0.4$	25 H10	64	(46)	M30 × 1.5	35	27.5
		SCS2-140-Y	140	50	90	36 $\pm 0.4$	28 H10	72	(46)	M30 × 1.5	40	30
		SCS2-160-Y	160	60	105	40 $\pm 0.4$	32 H10	80	(55)	M36 × 1.5	45	35
		SCS2-180-Y	180	65	115	50 $\pm 0.4$	40 H10	100	(60)	M40 × 1.5	50	42.5
		SCS2-200-Y	200	75	125	50 $\pm 0.4$	40 H10	100	(70)	M45 × 1.5	50	42.5
SCM	B	SCM-Y-20	20	13.5	25	8 $\pm 0.2$	8 H10	16	16	M8	11.5	9
		SCM-Y-25	25, 32	16	30	10 $\pm 0.2$	10 H10	20	20	M10 × 1.25	14	11
	A	SCM-Y-40	40	16	30	18 $\pm 0.3$	10 H10	36	22	M14 × 1.5	14	12
		SCM-Y-50	50, 63	20	40	22 $\pm 0.3$	14 H10	44	28	M18 × 1.5	20	16
		SCM-Y-80	80	23	50	28 $\pm 0.3$	18 H10	56	38	M22 × 1.5	27	21
SSD	B	P2-Y-16	12	11	21	6.5 $\pm 0.2$	5 H10	12	12	M5	10	7
		SSD-Y-16	16	11	21	6.5 $\pm 0.2$	5 H10	12	12	M6	10	10
	A	SSD-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8	13	10
		SSD-Y-32	32	15	36	10 $\pm 0.3$	12 H10	25	25	M14	16	12
	B	M1-Y-30	25	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		SSD-Y-40	40	24	50	18 $\pm 0.4$	12 H10	36	(27)	M14 × 1.5	19	16
		SSD-Y-50	50	24	50	18 $\pm 0.4$	12 H10	36	(27)	M18 × 1.5	19	16
		SSD-Y-63	63	24	50	20 $\pm 0.4$	14 H10	40	(27)	M18 × 1.5	19	16
		SSD-Y-80	80	35	70	28 $\pm 0.4$	20 H10	56	(41)	M22 × 1.5	30	25
		SSD-Y-100	100	35	70	28 $\pm 0.4$	20 H10	56	(41)	M26 × 1.5	30	25
SSD2	A	SSD2-Y-12	12	6	16	5 $\pm 0.2$	5 H10	10	10	M5 × 0.8	7	5.5
		SSD2-Y-16	16	11	21	6.5 $\pm 0.2$	5 H10	12	12	M6 × 1	10	7
		SSD2-Y-20	20	13.5	25	8 $\pm 0.2$	8 H10	16	16	M8 × 1.25	11.5	9
		SSD2-Y-25	25	16	30	10 $\pm 0.2$	10 H10	20	20	M10 × 1.25	14	11
B	SSD2-Y-32	32, 40	16	30	18 $\pm 0.3$	10 H10	36	ø22	M14 × 1.5	14	12	
	SSD2-Y-50	50, 63	20	40	22 $\pm 0.3$	14 H10	44	ø28	M18 × 1.5	20	16	
	SSD2-Y-80	80	23	50	28 $\pm 0.3$	18 H10	56	ø38	M22 × 1.5	27	21	
	SSD2-Y-100	100	24	55	32 $\pm 0.3$	22 H10	64	ø44	M26 × 1.5	31	24	
ULK	B	M1-Y-20	20	17	30	8 $\pm 0.3$	10 H10	19	19	M8 × 1.0	13	10
		M1-Y-30	25, 32	20	36	10 $\pm 0.3$	12 H10	25	25	M10 × 1.25	16	12
		M1-Y-40	40	20	36	10 $\pm 0.3$	12 H10	25	25	M12 × 1.5	16	12

Ending

Ending

# Clevis dimension list

## Double-knuckle (by thread size)



Thread size KK	Model No.	Shape Code	Compatible model	Applicable Bore (ø)	AB	CA	CW	CD	Cv	D	MB	RR
M4	P2-Y-10	B	SCP□3	10	8	21	3.2 <sup>+0.2</sup>	3.2 <sup>H10</sup>	12	12	10	7
M5	P2-Y-16	B	SCP□3	16	11	21	6.5 <sup>+0.2</sup>	5 <sup>H10</sup>	12	12	10	7
			SSD	12								
M6	SSD2-Y-12	B	SSD2	12	6	16	5 <sup>+0.2</sup>	5 <sup>H10</sup>	10	10	7	5.5
	SSD-Y-16	A	SSD	16	11	21	6.5 <sup>+0.2</sup>	5	12	12	10	10
M8	SSD2-Y-16	B	SSD2	16	11	21	6.5 <sup>+0.2</sup>	5 <sup>H10</sup>	12	12	10	7
		A	SSD	16	11	21	6.5 <sup>+0.2</sup>	5	12	12	10	10
M8 × 1.0	M1-Y-20	B	CKV2, CMA2, CMK2 HCA, JSK2, JSM2 ULK	20	17	30	8 <sup>+0.3</sup>	10 <sup>H10</sup>	19	19	13	10
M8	SCM-Y-20	B	SCM	20	13.5	25	8 <sup>+0.2</sup>	8 <sup>H10</sup>	16	16	11.5	9
	SSD-Y-20	B	SSD	20	17	30	8 <sup>+0.3</sup>	10	19	19	13	10
M8 × 1.25	SSD2-Y-20	B	SSD2	20	13.5	25	8 <sup>+0.2</sup>	8 <sup>H10</sup>	16	16	11.5	9
M10 × 1.25	SCG-Y-32	A	SCG	32	14	30	14 <sup>+0.3</sup>	10 <sup>H10</sup>	28	(20)	16	10
	M1-Y-30	B	CKV2, CMA2, CMK2 HCA, JSK2, JSM2 ULK, SSD	25, 30, 32	20	36	10 <sup>+0.3</sup>	12 <sup>H10</sup>	25	25	16	12
	SCM-Y-25	B	SCM	25, 32	16	30	10 <sup>+0.2</sup>	10 <sup>H10</sup>	20	20	14	11
	SSD2-Y-25	B	SSD2	25	16	30	10 <sup>+0.2</sup>	10 <sup>H10</sup>	20	20	14	11
M12 × 1.5	M1-Y-40	B	CKV2, CMA2, CMK2 JSK2, JSM2, ULK	40	20	36	10 <sup>+0.3</sup>	12 <sup>H10</sup>	25	25	16	12
M14 × 1.5	SCG-Y-40	A	SCG, JSG	40	21	40	14 <sup>+0.3</sup>	10 <sup>H10</sup>	28	(22)	19	11
	S1-Y-40	A	HCA, JSC3 SCA2, SSD	40	24	50	18 <sup>+0.4</sup>	12 <sup>H10</sup>	36	(27)	19	16
	SCM-Y-40	A	SCM	40	16	30	18 <sup>+0.3</sup>	10 <sup>H10</sup>	36	22	14	12
M14	SSD-Y-32	B	SSD	32	15	36	10 <sup>+0.3</sup>	12	25	25	16	12
M14 × 1.5	SSD2-Y-32	A	SSD2	32, 40	16	30	18 <sup>+0.3</sup>	10 <sup>H10</sup>	36	ø22	14	12
M16 × 1.5	CAV2-50-Y	A	CAV2, COV	50	25	50	20 <sup>+0.3</sup>	14 <sup>H10</sup>	42	(23)	18	15
M18 × 1.5	SCG-Y-50	A	SCG, JSG	50, 63	26	50	20 <sup>+0.3</sup>	14 <sup>H10</sup>	40	(28)	24	14
	S1-Y-50	A	HCA, JSC3, SCA2	50	24	50	18 <sup>+0.4</sup>	12 <sup>H10</sup>	36	(27)	19	16
	SSD-Y-50	A	SSD									
	S1-Y-63	A	HCA, JSC3, SCA2	63	24	50	20 <sup>+0.4</sup>	14 <sup>H10</sup>	40	(27)	19	16
	SSD-Y-63	A	SSD									
	SCM-Y-50	A	SCM	50, 63	20	40	22 <sup>+0.5</sup>	14 <sup>H10</sup>	44	28	20	16
SSD2-Y-50	A	SSD2	50, 63	20	40	22 <sup>+0.3</sup>	14 <sup>H10</sup>	44	ø28	20	16	
M22 × 1.5	SCG-Y-80	A	SCG, JSG	80	31	65	30 <sup>+0.3</sup>	22 <sup>H10</sup>	60	(40)	34	20
	CAV2-75-Y	A	CAV2, COV2	75.100	30	65	28 <sup>+0.3</sup>	20 <sup>H10</sup>	60	(35)	28	22.5
	S1-Y-80	A	HCA, JSC3, SCA2	80	35	70	28 <sup>+0.4</sup>	20 <sup>H10</sup>	56	(41)	30	25
	SSD-Y-80	A	SSD									
	SCM-Y-80	A	SCM	80	23	50	28 <sup>+0.3</sup>	18 <sup>H10</sup>	56	38	27	21
SSD2-Y-80	A	SSD2	80	23	50	28 <sup>+0.3</sup>	18 <sup>H10</sup>	56	ø38	27	21	
M26 × 1.5	SCG-Y-100	A	SCG, JSG	100	31	65	30 <sup>+0.3</sup>	22 <sup>H10</sup>	60	(40)	34	20
	S1-Y-100	A	HCA, JSC3, SCA2	100	35	70	28 <sup>+0.4</sup>	20 <sup>H10</sup>	56	(41)	30	25
	SSD-Y-100	A	SSD									
	SCM-Y-100	A	SCM	100	24	55	32 <sup>+0.5</sup>	22 <sup>H10</sup>	64	44	31	24

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

# Clevis dimension list

## Double-knuckle (by thread size)

Thread size KK	Model No.	Shape Code	Compatible model	Applicable Bore (ø)	AB	CA	CW	CD	Cv	D	MB	RR
M26 × 1.5	SSD2-Y-100	A	SSD2	100	24	55	32 <sup>+0.5</sup>	22 <sup>H10</sup>	64	ø44	31	24
M30 × 1.5	SCS2-125-Y	A	JSC4, SCS2	125	50	85	32 <sup>+0.4</sup>	25 <sup>+0.084</sup>	64	(46)	35	27.5
			SSD	125, 140								
	SCS2-140-Y	A	JSC4, SCS2	140	50	90	36 <sup>+0.4</sup>	28 <sup>+0.084</sup>	72	(46)	40	30
M36 × 1.5	SCS2-160-Y	A	JSC4, SCS2, SSD	160	60	105	40 <sup>+0.4</sup>	32 <sup>+0.100</sup>	80	(55)	45	35
M40 × 1.5	SCS2-180-Y	A	JSC4, SCS2	180	65	115	50 <sup>+0.4</sup>	40 <sup>+0.100</sup>	100	(60)	50	42.5
M45 × 1.5	SCS2-200-Y	A	SCS2	200	75	125	50 <sup>+0.4</sup>	40 <sup>+0.100</sup>	100	(70)	50	42.5
M56 × 2	SCS2-250-Y	A	SCS2	250	88	150	63 <sup>+0.4</sup>	50 <sup>+0.100</sup>	126	(85)	62	52.5

Note: The A and B figures are a guide only. For details, refer to the accessories and dimensions diagrams of each model.

# Custom Products

	Page
■ Rod End Shape Modification	
Model No. Notation Method	Ending 12
• Rod End Female Thread (with Undercut) "N1"	Ending 13
• Rod End Female Thread "N11"	Ending 14
• Rod End No Thread "N12"	Ending 15
• Rod End Male Thread "N13"	Ending 16
• Rod End Spherical Radius "N14"	Ending 17
• Rod End Male Thread (with Undercut) "N15"	Ending 18
• Rod End Single Knuckle Shape "N2"	Ending 19
• Rod End Double Knuckle Shape "N21"	Ending 20
• Rod End with Groove "N3"	Ending 21
• Rod End with Groove and Spherical Radius "N31"	Ending 22

■ Rod End Shape Modification (N□□)

For detailed specifications, dimensions, price, and delivery, please contact us.

Model No. Notation



Applicable Model	
Model No.	Name
SCG	Tie Rod Cylinder
JSG	Tie Rod Cylinder with Brake
SCP□3	Pencil Shaped Cylinder
CMK2	Small Bore Size cylinder
SCA2	Medium Bore Size Cylinder
SCS2	Medium Bore Size Cylinder
SCP□3-V	Ultra Compact Cell Cylinder
MDC2	Small Direct Cylinder
SSD	Compact Cylinder
SCM	Round shaped cylinder
ULK	Brake Cylinder
JSC3/JSC4	Brake Cylinder
FC□	Flat Cylinder Compact Demi

Model No.	
Please refer to the model number notation method for each model.	

Rod End Patterns	
Code	Contents
N1	Rod End Female Thread (with Undercut)
N11	Rod End female thread
N12	Rod End without thread
N14	Rod End Spherical Radius
N13	Rod End male thread
N15	Rod End Male Thread (with Undercut)
N2	Rod End Single Knuckle Shape
N21	Rod End Double Clevis Shape
N3	Rod End with Groove
N31	Rod End with Groove and Spherical Radius

Custom dimension	
Refer to the external dimensions list.	

⚠ Precautions for Changing Rod End Shape

- Depending on the specified dimensions, the same strength as the standard product may not be guaranteed.
- Please leave dimensions, tolerances, and finishes not specified on the drawing to CKD's discretion.

⚠ Notes for model No. Selection

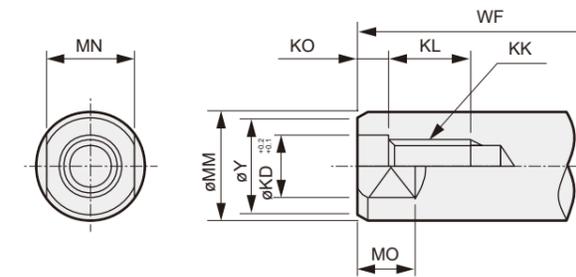
- When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.  
(Example) Model No.-N13KKM18×1.5A40WF20
  - When specifying multiple items, specify them in order from the left dimension code in the outline dimension table.  
(Example) Model No.-N13KKM18×1.5A40WF20
  - If a thread size is specified, the Rod End nut is not included.
  - The basic dimensions for N11 are the same as the dimensions for the female thread specification of each model. \* Please enter only when different from the basic dimensions.  
The basic dimensions for N13 are the same as the dimensions for the male thread specification of each model.  
If specified dimensions are not required for both N11 and N13, follow the model number notation method for each model.  
(Incorrect) SCM-00-40B-200-N13 → (Correct) SCM-00-40B-200 (Code not required as N13 is standard)  
SSD-50-50-N11 → SSD-50-50 (Code not required as N11 is standard)  
SSD-50-50-N13 → SSD-50-50-N (Because "N" exists as the female thread code)
- For models that do not have a code for male or female threads in their model number notation method, follow the Rod End patterns on this page.

- Even when there are accessories, etc., enter the codes after the Rod End pattern at the very end of the model number.

(Incorrect) (Correct)  
(Example) SSD-50-50-N13KKM8-CB → SSD-50-50-CB-N13KKM8

- This custom model number is for ordering purposes and may differ from the official model number.
- For double rod types and back-to-back types, please consult with us separately regarding the model number notation.

Outline Dimension Drawing

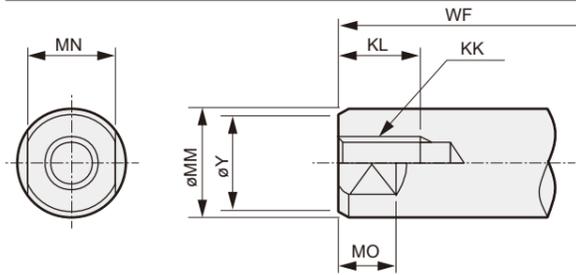


When manufacturing with the dimensions in the dimension table, please specify pattern code "N1". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.  
(Example) SCM-00-40B-200-N1WF25  
WF standard dimension is 20, but this is available at 25. When specifying multiple items, specify them in order from the left code.

- \*1: CMK2-G2/G3 dimensions are shown in ( ).
- \*2: For CMA2-E, use the dimensions shown in parentheses.
- \*3: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.
- \*4: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.
- \*5: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	KK	øKD	KO	KL	øY	MN	MO	WF
CMK2	20	10	M5 × 0.8	5	2.5	10	8	8	5	24
CKV2	25	12	M6×1	6	3	10	10	10	5	23 (28)
ULK	32	12	M6×1	6	3	10	10	10	5	23 (28)
*1	40	14	M8 × 1.25	8	4	14	12	12	6	23 (28)
CMA2	20	10	M5 × 0.8	5	2.5	10	8	8	5	24 (11)
JSM2	30	12	M6×1	6	3	10	10	10	5	23 (7)
*2	40	14	M8 × 1.25	8	4	14	12	12	6	23 (6)
SCG	32	12	M6×1	6	3	10	10	10	5	25
SCG	40	16	M8 × 1.25	8	4	14	14	14	6	21
JSG	50	20	M10×1.5	10	5	16	18	17	8	23
	63	20	M10×1.5	10	5	16	18	17	8	23
	80	25	M12×1.75	12	5.5	18	22	22	11	32
	100	30	M16×2	16	6	24	27	27	13	32
SCA2	40	16	M8 × 1.25	8	4	14	14	14	8	33.5
	50	20	M10×1.5	10	5	16	18	17	8	37
	63	20	M10×1.5	10	5	16	18	17	8	35
	80	25	M12×1.75	12	5.5	18	22	22	11	48
	100	30	M16×2	16	6	24	27	27	13	53
SCS2	125	32	M18×2.5	18	7.5	26	29	27	14	65
	140	32	M18×2.5	18	7.5	26	29	27	14	67
	160	40	M20×2.5	20	7.5	28	36	36	15	71
	180	45	M22×2.5	22	7.5	30	41	41	17	78
	200	50	M24×3	24	9	32	46	46	20	88
	250	60	M30×3.5	30	10.5	36	56	55	22	94
JSC3	40	16	M8 × 1.25	8	4	14	14	14	8	30
	50	20	M10×1.5	10	5	16	18	17	8	34
	63	20	M10×1.5	10	5	16	18	17	8	30
	80	25	M12×1.75	12	5.5	18	22	22	11	43.5
	100	30	M16×2	16	6	24	27	27	13	48
JSC4	125	35	M18×2.5	18	7.5	26	32	30	14	55
	140	35	M18×2.5	18	7.5	26	32	30	14	57
	160	40	M20×2.5	20	7.5	28	36	36	16	71.5
	180	45	M22×2.5	22	7.5	30	41	41	18	78.5
SSD	12	6	M3×0.5	3	2	6	5	5	3.5	3.5
*3	16	8	M4×0.7	4	2.5	8	7	6	3.5	3.5 (8.5)
*4	20	10	M5 × 0.8	5	2.5	7	8	8	4.5	4.5 (9.5)
	25	12	M6×1	6	3	12	10	10	5	5 (10)
	32	16	M8 × 1.25	8	4	13	14	14	7	7 (12)
	40	16	M8 × 1.25	8	4	13	14	14	7	7 (12)
	50	20	M10 × 1.5	10	4.5	15	18	17	8	8 (13)
	63	20	M10 × 1.5	10	4.5	15	18	17	8	8 (13)
	80	25	M16 × 2	16	6	21	22	22	10	10 (15)
	100	30	M20 × 2.5	20	7.5	27	27	27	12	12 (17)
	125	35	M22 × 2.5	22	7.5	30	33	30	11	16
	140	35	M22 × 2.5	22	7.5	30	33	30	11	16
	160	40	M24 × 3	24	9	33	38	36	14	17
FCD	25	12	M5 × 0.8	5	2.5	9	10	10	5	5
	32	16	M6×1	6	3	11	14	14	7	7
	40	16	M8 × 1.25	8	4	13	14	14	7	8
	50	20	M8 × 1.25	8	4	13	18	17	8	9.5
	63	20	M10 × 1.5	10	5	15	18	17	8	9.5
SCM	20	8	M4×0.7	4	2.5	8	7	6	4	17 (9)
*5	25	10	M5 × 0.8	5	2.5	10	8	8	5	18 (10)
	32	12	M6×1	6	3	10	10	10	5.5	18 (10)
	40	16	M8 × 1.25	8	4	14	14	14	6	20 (9)
	50	20	M10 × 1.5	10	5	16	18	17	8	23 (10)
	63	20	M10 × 1.5	10	5	16	18	17	8	23 (10)
	80	25	M12 × 1.75	12	5.5	18	22	22	11	31
	100	30	M16 × 2	16	6	24	27	27	13	31

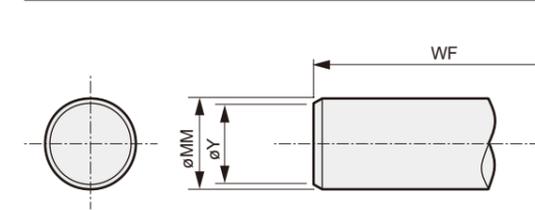
Outline Dimension Drawing



\*1: The Y dimension may change slightly.  
 When manufacturing with the dimensions in the dimension table, please specify pattern code "N11". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.  
 (Example) SCM-00-40B-200-N11WF25  
 WF standard dimension is 20, but this is available at 25.  
 \*2: CMK2-G2/G3 dimensions are shown in ( ).  
 \*3: For CMA2-E, use the dimensions shown in parentheses.  
 \*4: SSD-G2/G3/KG2/KG3 are the dimensions in ( ).  
 \*5: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.  
 \*6: For SCM-LD, use the dimensions shown in parentheses.  
 \*7: "WF" is not listed in the MDC2 catalog. The dimension labeled (O) should be taken as "WF".

Series	Bore Size	øMM	KK	KL	øY	MN	MO	WF
CMK2 CKV2 ULK *2	20	10	M5 × 0.8	10	8	8	5	24
	25	12	M6×1	10	10	10	5	23 (28)
	32	12	M6×1	10	10	10	5	23 (28)
	40	14	M8 × 1.25	14	12	12	6	23 (28)
CMA2 JSM2 *3	20	10	M5 × 0.8	10	8	8	5	24 (11)
	30	12	M6×1	10	10	10	5	23 (7)
	40	14	M8 × 1.25	14	12	12	6	23 (6)
SCG JSG	32	12	M6×1	10	10	10	5	25
	40	16	M8 × 1.25	14	14	14	6	21
SCA2	50	20	M10 × 1.5	16	18	17	8	23
	63	20	M10 × 1.5	16	18	17	8	23
	80	25	M12 × 1.75	18	22	22	11	32
	100	30	M16 × 2	24	27	27	13	32
	40	16	M8 × 1.25	14	14	14	8	33.5
SCS2	50	20	M10 × 1.5	16	18	17	8	37
	63	20	M10 × 1.5	16	18	17	8	35
	80	25	M12 × 1.75	18	22	22	11	48
	100	30	M16 × 2	24	27	27	13	53
	125	32	M18 × 2.5	26	29	27	14	65
JSC3	140	32	M18 × 2.5	26	29	27	14	67
	160	40	M20 × 2.5	28	36	36	15	71
	180	45	M22 × 2.5	30	41	41	17	78
	200	50	M24 × 3	32	46	46	20	88
	250	60	M30×3.5	36	56	55	22	94
JSC4	40	16	M8 × 1.25	14	14	14	8	30
	50	20	M10 × 1.5	16	18	17	8	34
	63	20	M10 × 1.5	16	18	17	8	30
	80	25	M12 × 1.75	18	22	22	11	43.5
SSD *4 *5	100	30	M16 × 2	24	27	27	13	48
	125	35	M18 × 2.5	26	32	30	14	55
	140	35	M18 × 2.5	26	32	30	14	57
	160	40	M20 × 2.5	28	36	36	16	71.5
FCD	180	45	M22 × 2.5	30	41	41	18	78.5
	12	6	M3×0.5	6	5	5	3.5	3.5
	16	8	M4×0.7	8	7	6	3.5	3.5 (8.5)
	20	10	M5 × 0.8	7	8	8	4.5	4.5 (9.5)
	25	12	M6×1	12	10	10	5	5 (10)
	32	16	M8 × 1.25	13	14	14	7	7 (12)
	40	16	M8 × 1.25	13	14	14	7	7 (12)
	50	20	M10 × 1.5	15	18	17	8	8 (13)
	63	20	M10 × 1.5	15	18	17	8	8 (13)
	80	25	M16 × 2	21	22	22	10	10 (15)
SCM *6	100	30	M20 × 2.5	27	27	27	12	12 (17)
	125	35	M22 × 2.5	30	33	30	11	16
	140	35	M22 × 2.5	30	33	30	11	16
	160	40	M24 × 3	33	38	36	14	17
	25	12	M5 × 0.8	9	10	10	5	5
	32	16	M6×1	11	14	14	7	7
	40	16	M8 × 1.25	13	14	14	7	8
	50	20	M8 × 1.25	13	18	17	8	9.5
	63	20	M10 × 1.5	15	18	17	8	9.5
	80	25	M12 × 1.75	18	22	22	11	31
MDC2 *7	100	30	M16 × 2	24	27	27	13	31
	20	8	M4×0.7	8	7	6	4	17 (9)
	25	10	M5 × 0.8	10	8	8	5	18 (10)
	32	12	M6×1	10	10	10	5.5	18 (10)
	40	16	M8 × 1.25	14	14	14	6	20 (9)
	50	20	M10 × 1.5	16	18	17	8	23 (10)
	63	20	M10 × 1.5	16	18	17	8	23 (10)
	80	25	M12 × 1.75	18	22	22	11	31
	100	30	M16 × 2	24	27	27	13	31
	6	4	M2.5×0.45	4	3.5	3.5	2.5	3
8	5	M3×0.5	5	4.5	4.5	2.5	3	
10	6	M3×0.5	5	5	5	2.5	3	

Outline Dimension Drawing



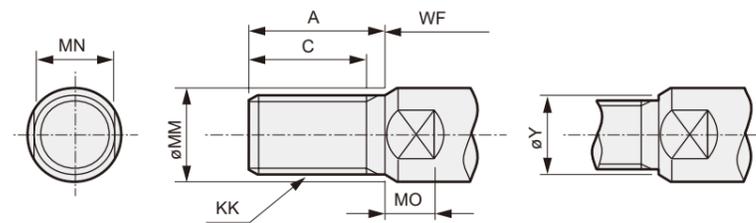
\*1: "WF" is not listed in the SCP\*3 catalog. The "13 mm" dimension should be taken as "WF".  
 \*2: CMK2-G2/G3 dimensions are shown in ( ).  
 \*3: For CMA2-E, use the dimensions shown in parentheses.  
 \*4: This pattern cannot be specified for SSD-KU, SCM-U, or SCA2-U (low-friction cylinders).  
 \*5: The same applies to SCP\*3-V.  
 \*6: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.  
 \*7: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.  
 \*8: For SCM-LD, use the dimensions shown in parentheses.  
 \*9: "WF" is not listed in the MDC2 catalog. The dimension labeled (O) should be taken as "WF".

When manufacturing with the dimensions in the dimension table, please specify pattern code "N12". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

Example  
 SCM-00-40B-200-N12WF25  
 WF standard dimension is 20, but this is available at 25.

Series	Bore Size	øMM	øY	WF
SCP_3 *1	6	3	2.5	13
	10	4	3.5	13
	16	5	4.5	13
CMK2 CKV2 ULK *2	20	10	8	24
	25	12	10	23 (28)
	32	12	10	23 (28)
	40	14	12	23 (28)
CMA2 JSM2 *3	20	10	8	24 (11)
	30	12	10	23 (7)
	40	14	12	23 (6)
SCG SSG	32	12	10	25
	40	16	14	21
	50	20	18	23
	63	20	18	23
	80	25	22	32
SCA2 *4	100	30	27	32
	40	16	14	33.5
	50	20	18	37
	63	20	18	35
	80	25	22	48
SCS2	100	30	27	53
	125	32	29	65
	140	32	29	67
	160	40	36	71
	180	45	41	78
JSC3	200	50	46	88
	250	60	56	94
	40	16	14	30
	50	20	18	34
	63	20	18	30
JSC4	80	25	22	43.5
	100	30	27	48
	125	35	32	55
	140	35	32	57
SSD *4 *5 *6 *7	160	40	36	71.5
	180	45	41	78.5
	10	4	3.5	13
	16	5	4.5	13
	6	5	5	3.5
FCD	16	8	7	3.5 (8.5)
	20	10	8	4.5 (9.5)
	25	12	10	5 (10)
	32	16	14	7 (12)
	40	16	14	7 (12)
	50	20	18	8 (13)
	63	20	18	8 (13)
	80	25	22	10 (15)
	100	30	27	12 (17)
	125	35	33	16
SCM *4 *8	140	35	33	16
	160	40	38	17
	25	12	10	5
	32	16	14	7
	40	16	14	8
	50	20	18	9.5
	63	20	18	9.5
	80	25	22	31
	100	30	27	31
	20	8	7	17 (9)
MDC2 *9	25	10	8	18 (10)
	32	12	10	18 (10)
	40	16	14	20 (9)
	50	20	18	23 (10)
	63	20	18	23 (10)
	80	25	22	31
	100	30	27	31
	4	2	1.5	3
	6	4	3.5	3
	8	5	4.5	3
10	6	5	3	

Outline Dimension Drawing



- \*1: "WF" is not listed in the SCP□3 catalog. The "13 mm" dimension should be taken as "WF".
- \*2: CMK2-G2/G3 dimensions are shown in ( ).
- \*3: For CMA2-E, use the dimensions shown in parentheses.
- \*4: The same applies to SCP□3-V.
- \*5: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.
- \*6: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.
- \*7: For SCM-LD, use the dimensions shown in parentheses.
- \*8: If a thread size is specified, the Rod End nut is not included. Additionally, the Y dimension may change slightly.

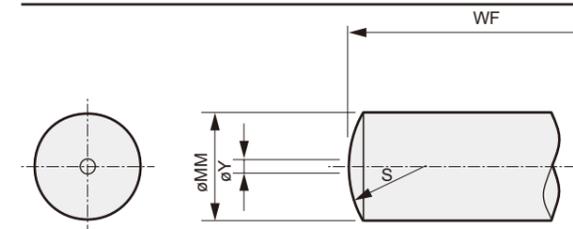
When manufacturing with the dimensions in the dimension table, please specify pattern code "N13". When it is necessary to change some dimensions, enter the pattern code "N13" followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N13A23WF27

The standard WF dimension is 20, but it will be manufactured as 27. The standard A dimension is 30, but it will be manufactured as 23. If the C dimension is not specified, it will be manufactured with the standard (A-C) dimensional difference.

Series	Bore Size	øMM	KK	C	A	øY	MN	MO	WF
SCP□3	6	3	M3×0.5	15	-	-	-	-	13
*1	10	4	M4×0.7	15	-	-	-	-	13
	16	5	M5 × 0.8	15	-	-	-	-	13
CMK2	20	10	M8 × 1	18	20	8	8	5	24
CKV2	25	12	M10 × 1.25	20	23	10	10	5	23 (28)
ULK	32	12	M10 × 1.25	20	23	10	10	5	23 (28)
*2	40	14	M12 × 1.5	22	25	12	12	6	23 (28)
CMA2	20	10	M8 × 1	18	20	8	8	5	24 (11)
JSM2	30	12	M10 × 1.25	20	23	10	10	5	23 (7)
*3	40	14	M12 × 1.5	22	25	12	12	6	23 (6)
SCG	32	12	M10 × 1.25	19.5	22	10	10	5.5	25
	40	16	M14 × 1.5	27	30	14	14	6	21
SCG	50	20	M18 × 1.5	32	35	18	17	8	23
JSG	63	20	M18 × 1.5	32	35	18	17	8	23
	80	25	M22 × 1.5	37	40	22	22	11	32
	100	30	M26 × 1.5	37	40	26	27	13	32
SCA2	40	16	M14 × 1.5	20	22	14	14	8	33.5
	50	20	M18 × 1.5	26	28	18	17	8	37
	63	20	M18 × 1.5	26	28	18	17	8	35
	80	25	M22 × 1.5	34	36	22	22	11	48
	100	30	M26 × 1.5	43	45	26	27	13	53
SCS2	125	32	M30 × 1.5	47	50	30	27	14	65
	140	32	M30 × 1.5	47	50	30	27	14	67
	160	40	M36 × 1.5	53	56	36	36	15	71
	180	45	M40 × 1.5	60	63	40	41	17	78
	200	50	M45 × 1.5	69	72	45	46	20	88
	250	60	M56 × 2	84	88	56	55	22	94
JSC3	40	16	M14 × 1.5	20	22	14	14	8	30
	50	20	M18 × 1.5	26	28	18	17	8	34
	63	20	M18 × 1.5	26	28	18	17	8	30
	80	25	M22 × 1.5	34	36	22	22	11	43.5
	100	30	M26 × 1.5	43	45	26	27	13	48
JSC4	125	35	M30 × 1.5	47	50	30	30	14	55
	140	35	M30 × 1.5	47	50	30	30	14	57
	160	40	M36 × 1.5	53	56	36	36	16	71.5
	180	45	M40 × 1.5	60	63	40	41	18	78.5
SCP□3-V	10	4	M4×0.7	15	-	-	-	-	13
*4	16	5	M5 × 0.8	15	-	-	-	-	13
SSD	12	6	M5 × 0.8	9	10.5	5	5	3.5	3.5
*5	16	8	M6×1	10	12	6	6	3.5	3.5 (8.5)
*6	20	10	M8 × 1.25	12	14	8	8	4.5	4.5 (9.5)
	25	12	M10 × 1.25	15	17.5	10	10	5	5 (10)
	32	16	M14 × 1.5	20.5	23.5	14	14	5	5 (10)
	40	16	M14 × 1.5	20.5	23.5	14	14	5	5 (10)
	50	20	M18 × 1.5	26	28.5	18	17	5	5 (10)
	63	20	M18 × 1.5	26	28.5	18	17	5	5 (10)
	80	25	M22 × 1.5	32.5	35.5	22	22	8	8 (13)
	100	30	M26 × 1.5	32.5	35.5	26	27	8	8 (13)
	125	35	M30 × 1.5	42	45	30	30	11	13
	140	35	M30 × 1.5	42	45	30	30	11	13
	160	40	M36 × 1.5	47	50	36	36	11	14
FCD	25	12	M10 × 1.25	20	22	10	10	4	5
	32	16	M14 × 1.5	20	22	14	14	6	7
	40	16	M14 × 1.5	20	22	14	14	6	7
	50	20	M18 × 1.5	26	28	18	17	8	8
	63	20	M18 × 1.5	26	28	18	17	8	8
SCM	20	8	M8 × 1.25	16	18	-	6	4	17 (9)
*7	25	10	M10 × 1.25	20	22	-	8	5	18 (10)
	32	12	M10 × 1.25	20	22	10	10	5.5	18 (10)
	40	16	M14 × 1.5	27	30	14	14	6	20 (9)
	50	20	M18 × 1.5	32	35	18	17	8	23 (10)
	63	20	M18 × 1.5	32	35	18	17	8	23 (10)
	80	25	M22 × 1.5	37	40	22	22	11	31
	100	30	M26 × 1.5	37	40	26	27	13	31
MDC2	6	4	M3×0.5	6	8	3.5	3.5	2.5	3
*8	8	5	M4×0.7	7	9	4.5	4.5	2.5	3
	10	6	M5 × 0.8	9	11	5	5	2.5	3

Outline Dimension Drawing



- \*1: "WF" is not listed in the SCP□3 and SCP□3-V catalogs. The "13 mm" dimension should be taken as "WF".
- \*2: CMK2-G2/G3 dimensions are shown in ( ).
- \*3: This pattern cannot be specified for SSD-KU, SCM-U, or SCA2-U (low-friction cylinders).

When manufacturing with the dimensions in the dimension table, please specify pattern code "N14". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N14WF25

WF standard dimension is 20, but this is available at 25.

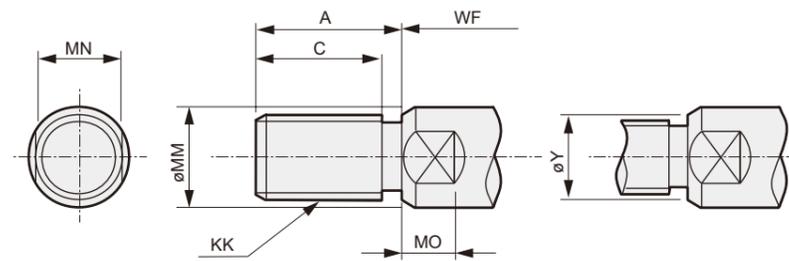
\*4: SSD-G2/G3/KG2/KG3 are the dimensions in ( ).

\*5: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.

\*6: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	øY	S	WF
SCP□3	6	3	0.3	3	13
*1	10	4	0.3	4	13
	16	5	0.3	5	13
CMK2	20	10	0.5	10	24
CKV2	25	12	0.5	12	23 (28)
ULK	32	12	0.5	12	23 (28)
*2	40	14	0.5	14	23 (28)
SCG	32	12	0.5	12	25
SCG	40	16	1	16	21
JSG	50	20	1	20	23
	63	20	1	20	23
	80	25	1	25	32
	100	30	1	30	32
SCA2	40	16	1	16	33.5
*3	50	20	1	20	37
	63	20	1	20	35
	80	25	1	25	48
	100	30	1	30	53
SCS2	125	32	2	32	65
	140	32	2	32	67
	160	40	2	40	71
	180	45	2	45	78
	200	50	2	50	88
	250	60	2	60	94
JSC3	40	16	1	16	30
	50	20	1	20	34
	63	20	1	20	30
	80	25	1	25	43.5
	100	30	1	30	48
JSC4	125	35	2	35	55
	140	35	2	35	57
	160	40	2	40	71.5
	180	45	2	45	78.5
SCP□3-V	10	4	0.3	4	13
*1	16	5	0.3	5	13
	12	6	0.5	6	3.5
SSD	16	8	0.5	8	3.5 (8.5)
*3	20	10	0.5	10	4.5 (9.5)
*4	25	12	0.5	12	5 (10)
*5	32	16	1	16	7 (12)
	40	16	1	16	7 (12)
	50	20	1	20	8 (13)
	63	20	1	20	8 (13)
	80	25	1	25	10 (15)
	100	30	1	30	12 (17)
	125	35	2	35	16
	140	35	2	35	16
	160	40	2	40	17
SCM	20	8	0.5	8	17 (9)
*3	25	10	0.5	10	18 (10)
*6	32	12	0.5	12	18 (10)
	40	16	1	16	20 (9)
	50	20	1	20	23 (10)
	63	20	1	20	23 (10)
	80	25	1	25	31
	100	30	1	30	31

Outline Dimension Drawing



\*1: If a thread size is specified, the Rod End nut is not included. Additionally, the Y dimension may change slightly.

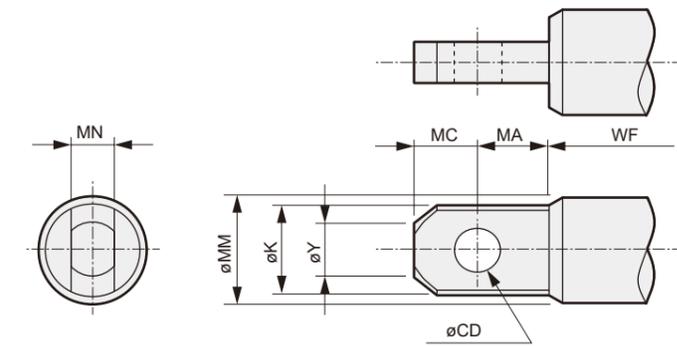
When manufacturing with the dimensions in the dimension table, please specify pattern code "N15". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N15C20A23  
The standard C dimension is 27, but it will be manufactured as 20. The standard A dimension is 30, but it will be manufactured as 23. If the C dimension is not specified, it will be manufactured with the standard (A-C) dimensional difference.

\*2: CMK2-G2/G3 dimensions are shown in ( ).  
\*3: For CMA2-E, use the dimensions shown in parentheses.  
\*4: SSD-G2/G3/KG2/KG3 are the dimensions in ( ).  
\*5: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.  
\*6: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	KK	C	A	øY	MN	MO	WF
CMK2	20	10	M8 x 1	18	20	8	8	5	24
CKV2	25	12	M10 x 1.25	20	23	10	10	5	23 (28)
ULK	32	12	M10 x 1.25	20	23	10	10	5	23 (28)
*2	40	14	M12 x 1.5	22	25	12	12	6	23 (28)
CMA2	20	10	M8 x 1	18	20	8	8	5	24 (11)
JSM2	30	12	M10 x 1.25	20	23	10	10	5	23 (7)
*3	40	14	M12 x 1.5	22	25	12	12	6	23 (6)
SCG	32	12	M10 x 1.25	19.5	22	10	10	5	25
SCG	40	16	M14 x 1.5	27	30	14	14	6	21
JSG	50	20	M18 x 1.5	32	35	18	17	8	23
	63	20	M18 x 1.5	32	35	18	17	8	23
	80	25	M22 x 1.5	37	40	22	22	11	32
	100	30	M26 x 1.5	37	40	26	27	13	32
SCA2	40	16	M14 x 1.5	20	22	14	14	8	33.5
	50	20	M18 x 1.5	26	28	18	17	8	37
	63	20	M18 x 1.5	26	28	18	17	8	35
	80	25	M22 x 1.5	34	36	22	22	11	48
	100	30	M26 x 1.5	43	45	26	27	13	53
SCS2	125	32	M30 x 1.5	47	50	30	27	14	65
	140	32	M30 x 1.5	47	50	30	27	14	67
	160	40	M36 x 1.5	53	56	36	36	15	71
	180	45	M40 x 1.5	60	63	40	41	17	78
	200	50	M45 x 1.5	69	72	45	46	20	88
	250	60	M56 x 2	84	88	56	55	22	94
JSC3	40	16	M14 x 1.5	20	22	14	14	8	30
	50	20	M18 x 1.5	26	28	18	17	8	34
	63	20	M18 x 1.5	26	28	18	17	8	30
	80	25	M22 x 1.5	34	36	22	22	11	43.5
	100	30	M26 x 1.5	43	45	26	27	13	48
JSC4	125	35	M30 x 1.5	47	50	30	30	14	55
	140	35	M30 x 1.5	47	50	30	30	14	57
	160	40	M36 x 1.5	53	56	36	36	16	71.5
	180	45	M40 x 1.5	60	63	40	41	18	78.5
SSD	12	6	M5 x 0.8	9	10.5	5	5	3.5	3.5
*4	16	8	M6 x 1	10	12	6	6	3.5	3.5 (8.5)
*5	20	10	M8 x 1.25	12	14	8	8	4.5	4.5 (9.5)
	25	12	M10 x 1.25	15	17.5	10	10	5	5 (10)
	32	16	M14 x 1.5	20.5	23.5	14	14	5	5 (10)
	40	16	M14 x 1.5	20.5	23.5	14	14	5	5 (10)
	50	20	M18 x 1.5	26	28.5	18	17	5	5 (10)
	63	20	M18 x 1.5	26	28.5	18	17	5	5 (10)
	80	25	M22 x 1.5	32.5	35.5	22	22	8	8 (13)
	100	30	M26 x 1.5	32.5	35.5	26	27	8	8 (13)
	125	35	M30 x 1.5	42	45	30	30	11	13
	140	35	M30 x 1.5	42	45	30	30	11	13
	160	40	M36 x 1.5	47	50	36	36	11	14
FCD	25	12	M10 x 1.25	20	22	10	10	4	5
	32	16	M14 x 1.5	20	22	14	14	6	7
	40	16	M14 x 1.5	20	22	14	14	6	7
	50	20	M18 x 1.5	26	28	18	17	8	8
	63	20	M18 x 1.5	26	28	18	17	8	8
SCM	20	8	-	-	-	-	-	-	-
*6	25	10	-	-	-	-	-	-	-
	32	12	M10 x 1.25	20	22	10	10	5.5	18 (10)
	40	16	M14 x 1.5	27	30	14	14	6	20 (9)
	50	20	M18 x 1.5	32	35	18	17	8	23 (10)
	63	20	M18 x 1.5	32	35	18	17	8	23 (10)
	80	25	M22 x 1.5	37	40	22	22	11	31
	100	30	M26 x 1.5	37	40	26	27	13	31

Outline Dimension Drawing



Angle Tolerance

Code	Dimension	Angle Tolerance
CD	The tolerance shown to the right is applied uniformly regardless of the dimensions. When manufacturing with the dimensions in the dimension table, please specify pattern code "N2".	H10
MN	10 or less	-0.1
	Over 10	-0.1
	30 or less	-0.3
	Over 30	-0.1
	80 or less	-0.4

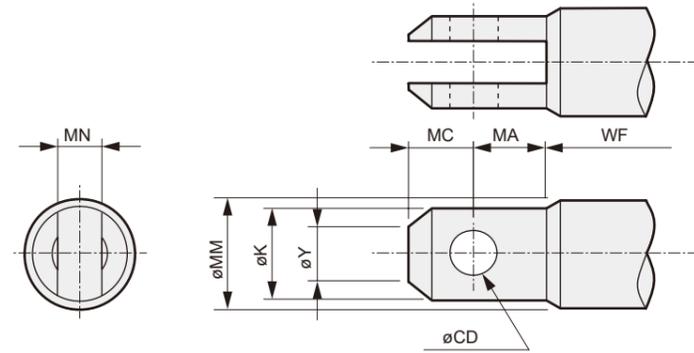
When manufacturing with the dimensions in the dimension table, please specify pattern code "N2". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N2CD5MA7.5  
The standard dimension for CD is 6, but it will be manufactured as 5. The standard dimension for MA is 9, but it will be manufactured as 7.5.

\*1: CMK2-G2/G3 dimensions are shown in ( ).  
\*2: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.  
\*3: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.  
\*4: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	øCD	MN	MA	MC	øY	øK	WF
CMK2	20	10	4	4	6	4	5.4	9	24
CKV2	25	12	5	5	7.5	5	6.6	11	23 (28)
ULK	32	12	5	5	7.5	5	6.6	11	23 (28)
*1	40	14	6	6	9	6	7.8	13	23 (28)
SCG	32	12	5	5	7.5	5	6.6	11	25
SCG	40	16	6	6	9	6	9	15	21
JSG	50	20	8	8	12	8	11.4	19	23
	63	20	8	8	12	8	11.4	19	23
	80	25	10	10	15	10	14.4	24	32
	100	30	12	12	18	12	17.4	29	32
SCA2	40	16	6	6	9	6	9	15	33.5
	50	20	8	8	12	8	11.4	19	37
	63	20	8	8	12	8	11.4	19	35
	80	25	10	10	15	10	14.4	24	48
	100	30	12	12	18	12	17.4	29	53
SCS2	125	32	14	14	21	14	19.8	30	65
	140	32	14	14	21	14	19.8	30	67
	160	40	16	16	24	16	22.8	38	71
	180	45	18	18	27	18	25.8	43	78
	200	50	20	20	30	20	28.8	48	88
	250	60	24	24	36	24	34.8	58	94
JSC3	40	16	6	6	9	6	9	15	30
	50	20	8	8	12	8	11.4	19	34
	63	20	8	8	12	8	11.4	19	30
	80	25	10	10	15	10	14.4	24	43.5
	100	30	12	12	18	12	17.4	29	48
JSC4	125	35	14	14	21	14	19.8	33	55
	140	35	14	14	21	14	19.8	33	57
	160	40	16	16	24	16	22.8	38	71.5
	180	45	18	18	27	18	25.8	43	78.5
SSD	12	6	-	-	-	-	-	-	-
*2	16	8	-	-	-	-	-	-	-
*3	20	10	4	4	6	4	5.4	9	4.5 (9.5)
	25	12	5	5	7.5	5	6.6	11	5 (10)
	32	16	6	6	9	6	9	15	5 (10)
	40	16	6	6	9	6	9	15	5 (10)
	50	20	8	8	12	8	11.4	19	5 (10)
	63	20	8	8	12	8	11.4	19	5(13)
	80	25	10	10	15	10	14.4	24	8 (13)
	100	30	12	12	18	12	17.4	29	8 (13)
	125	35	14	14	21	14	19.8	33	13
	140	35	14	14	21	14	19.8	33	13
	160	40	16	16	24	16	22.8	38	14
	20	8	-	-	-	-	-	-	-
SCM	25	10	4	4	6	4	5.4	9	18 (10)
*4	32	12	5	5	7.5	5	6.6	11	18 (10)
	40	16	6	6	9	6	9	15	20 (9)
	50	20	8	8	12	8	11.4	19	23 (10)
	63	20	8	8	12	8	11.4	19	23 (10)
	80	25	10	10	15	10	14.4	24	31
	100	30	12	12	18	12	17.4	29	31

Outline Dimension Drawing



Angle Tolerance

Code	Dimension	Angle Tolerance
CD	The tolerance shown to the right is applied uniformly regardless of the dimensions.	H10
MN	10 or less	+0.2 +0.1
	Over 10 to 30 or Less	+0.3 +0.1
	Over 30 to 80 or Less	+0.4 +0.1

When manufacturing with the dimensions in the dimension table, please specify pattern code "N21". When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N21CD5MA7.5

The standard dimension for CD is 6, but it will be manufactured as 5. The standard dimension for MA is 9, but it will be manufactured as 7.5.

\*1: CMK2-G2/G3 dimensions are shown in ( ).

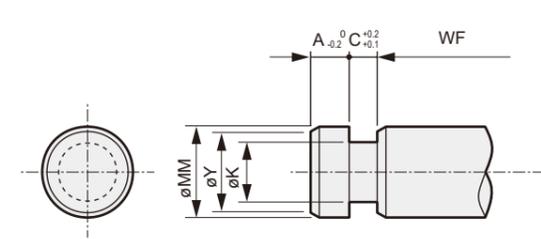
\*2: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.

\*3: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.

\*4: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	øCD	MN	MA	MC	øY	øK	WF
CMK2	20	10	4	4	6	4	5.4	9	24
CKV2	25	12	5	5	7.5	5	6.6	11	23 (28)
ULK	32	12	5	5	7.5	5	6.6	11	23 (28)
*1	40	14	6	6	9	6	7.8	13	23 (28)
SCG	32	12	5	5	7.5	5	6.6	11	25
SCG	40	16	6	6	9	6	9	15	21
JSG	50	20	8	8	12	8	11.4	19	23
	63	20	8	8	12	8	11.4	19	23
	80	25	10	10	15	10	14.4	24	32
	100	30	12	12	18	12	17.4	29	32
SCA2	40	16	6	6	9	6	9	15	33.5
	50	20	8	8	12	8	11.4	19	37
	63	20	8	8	12	8	11.4	19	35
	80	25	10	10	15	10	14.4	24	48
	100	30	12	12	18	12	17.4	29	53
SCS2	125	32	14	14	21	14	19.8	30	65
	140	32	14	14	21	14	19.8	30	67
	160	40	16	16	24	16	22.8	38	71
	180	45	18	18	27	18	25.8	43	78
	200	50	20	20	30	20	28.8	48	88
	250	60	24	24	36	24	34.8	58	94
JSC3	40	16	6	6	9	6	9	15	30
	50	20	8	8	12	8	11.4	19	34
	63	20	8	8	12	8	11.4	19	30
	80	25	10	10	15	10	14.4	24	43.5
	100	30	12	12	18	12	17.4	29	48
JSC4	125	35	14	14	21	14	19.8	33	55
	140	35	14	14	21	14	19.8	33	57
	160	40	16	16	24	16	22.8	38	71.5
	180	45	18	18	27	18	25.8	43	78.5
SSD	12	6	-	-	-	-	-	-	-
*2	16	8	-	-	-	-	-	-	-
*3	20	10	4	4	6	4	5.4	9	4.5 (9.5)
	25	12	5	5	7.5	5	6.6	11	5 (10)
	32	16	6	6	9	6	9	15	5 (10)
	40	16	6	6	9	6	9	15	5 (10)
	50	20	8	8	12	8	11.4	19	5 (10)
	63	20	8	8	12	8	11.4	19	5 (10)
	80	25	10	10	15	10	14.4	24	8 (13)
	100	30	12	12	18	12	17.4	29	8 (13)
	125	35	14	14	21	14	19.8	33	13
	140	35	14	14	21	14	19.8	33	13
	160	40	16	16	24	16	22.8	38	14
	20	8	-	-	-	-	-	-	-
SCM	25	10	4	4	6	4	5.4	9	18 (10)
*4	32	12	5	5	7.5	5	6.6	1	18 (10)
	40	16	6	6	9	6	9	15	20 (9)
	50	20	8	8	12	8	11.4	19	23 (10)
	63	20	8	8	12	8	11.4	19	23 (10)
	80	25	10	10	15	10	14.4	24	31
	100	30	12	12	18	12	17.4	29	31

Outline Dimension Drawing



When manufacturing with the dimensions in the dimension table, please specify pattern code "N3".

When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N3WF25

WF standard dimension is 20, but this is available at 25.

\*1: CMK2-G2/G3 dimensions are shown in ( ).

\*2: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.

\*3: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.

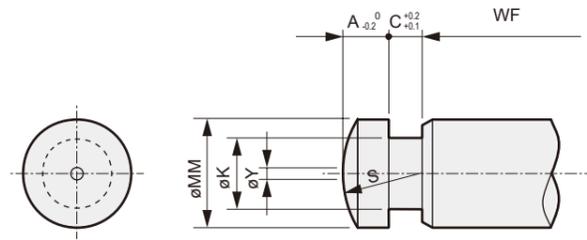
\*4: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	øK	C	A	øY	WF
CMK2	20	10	6	4	4	8	24
CKV2	25	12	7.2	4.8	4.8	10	23 (28)
ULK	32	12	7.2	4.8	4.8	10	23 (28)
*1	40	14	8.4	5.6	5.6	12	23 (28)
SCG	32	12	7.2	4.8	4.8	10	25
SCG	40	16	9.6	6.4	6.4	14	21
JSG	50	20	12	8	8	18	23
	63	20	12	8	8	18	23
	80	25	15	10	10	22	32
	100	30	18	12	12	27	32
SCA2	40	16	9.6	6.4	6.4	14	33.5
	50	20	12	8	8	18	37
	63	20	12	8	8	18	35
	80	25	15	10	10	22	48
	100	30	18	12	12	27	53
SCS2	125	32	21	14	14	29	65
	140	32	21	14	14	29	67
	160	40	24	16	16	36	71
	180	45	27	18	18	41	78
	200	50	30	20	20	46	88
	250	60	36	22	22	56	94
JSC3	40	16	9.6	6.4	6.4	14	30
	50	20	12	8	8	18	34
	63	20	12	8	8	18	30
	80	25	15	10	10	22	43.5
	100	30	18	12	12	27	48
JSC4	125	35	21	14	14	32	55
	140	35	21	14	14	32	57
	160	40	24	16	16	36	71.5
	180	45	27	18	18	41	78.5
SSD	12	6	-	-	-	-	-
*2	16	8	-	-	-	-	-
*3	20	10	6	4	4	8	4.5 (9.5)
	25	12	7.2	4.8	4.8	10	5 (10)
	32	16	9.6	6.4	6.4	14	7 (12)
	40	16	9.6	6.4	6.4	14	7 (12)
	50	20	12	8	8	18	8 (13)
	63	20	12	8	8	18	8 (13)
	80	25	15	10	10	22	10 (15)
	100	30	18	12	12	27	12 (17)
	125	35	21	14	14	33	16
	140	35	21	14	14	33	16
	160	40	24	16	16	38	17
	20	8	-	-	-	-	-
SCM	25	10	6	4	4	8	18 (10)
*4	32	12	7.2	4.8	4.8	10	18 (10)
	40	16	9.6	6.4	6.4	14	20 (9)
	50	20	12	8	8	18	23 (10)
	63	20	12	8	8	18	23 (10)
	80	25	15	10	10	22	31
	100	30	18	12	12	27	31

# Custom

## Rod End with Groove and Spherical Radius (Pattern Code "N31")

### Outline Dimension Drawing



When manufacturing with the dimensions in the dimension table, please specify pattern code "N31".  
When it is necessary to change some dimensions, enter the pattern code followed by the dimension code, then the specified dimension.

(Example) SCM-00-40B-200-N31WF25

WF standard dimension is 20, but this is available at 25.

\*1: CMK2-G2/G3 dimensions are shown in ( ).

\*2: For SSD-G2, G3, KG2, and KG3, use the dimensions shown in parentheses.

\*3: For SSD, the WF dimension is different when LB2 or FA is selected. Please consult us separately.

\*4: For SCM-LD, use the dimensions shown in parentheses.

Series	Bore Size	øMM	øK	C	A	S	øY	WF
CMK2	20	10	6	4	4	10	0.5	24
CKV2	25	12	7.2	4.8	4.8	12	0.5	23 (28)
ULK	32	12	7.2	4.8	4.8	12	0.5	23 (28)
*1	40	14	8.4	5.6	5.6	14	0.5	23 (28)
SCG	32	12	7.2	4.8	4.8	12	0.5	25
SCG	40	16	9.6	6.4	6.4	16	1	21
JSG	50	20	12	8	8	20	1	23
	63	20	12	8	8	20	1	23
	80	25	15	10	10	25	1	32
	100	30	18	12	12	30	1	32
SCA2	40	16	9.6	6.4	6.4	16	1	33.5
	50	20	12	8	8	20	1	37
	63	20	12	8	8	20	1	35
	80	25	15	10	10	25	1	48
	100	30	18	12	12	30	1	53
SCS2	125	32	21	14	14	32	1	65
	140	32	21	14	14	32	2	67
	160	40	24	16	16	40	2	71
	180	45	27	18	18	45	2	78
	200	50	30	20	20	50	2	88
	250	60	36	22	22	60	2	94
JSC3	40	16	9.6	6.4	6.4	16	1	30
	50	20	12	8	8	20	1	34
	63	20	12	8	8	20	1	30
	80	25	15	10	10	25	1	43.5
	100	30	18	12	12	30	1	48
JSC4	125	35	21	14	14	35	1	55
	140	35	21	14	14	35	2	57
	160	40	24	16	16	40	2	71.5
	180	45	27	18	18	45	2	78.5
SSD	12	6	-	-	-	-	-	-
*2	16	8	-	-	-	-	-	-
*3	20	10	6	4	4	10	0.5	4.5 (9.5)
	25	12	7.2	4.8	4.8	12	0.5	5 (10)
	32	16	9.6	6.4	6.4	16	1	7 (12)
	40	16	9.6	6.4	6.4	16	1	7 (12)
	50	20	12	8	8	20	1	8 (13)
	63	20	12	8	8	20	1	8 (13)
	80	25	15	10	10	25	1	10 (15)
	100	30	18	12	12	30	1	12 (17)
	125	35	21	14	14	35	2	16
	140	35	21	14	14	35	2	16
	160	40	24	16	16	40	2	17
SCM	20	8	-	-	-	-	-	-
*4	25	10	6	4	4	10	0.5	18 (10)
	32	12	7.2	4.8	4.8	12	0.5	18 (10)
	40	16	9.6	6.4	6.4	16	1	20 (9)
	50	20	12	8	8	20	1	23 (10)
	63	20	12	8	8	20	1	23 (10)
	80	25	15	10	10	25	1	31
	100	30	18	12	12	30	1	31

MEMO

# Product guide

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Booster (B)	Ending 26
Air-Hydro Booster (AHB)	Ending 26
Celcon Cylinder / Celcon Hydro Cylinder	Ending 27

● Booster (High hydraulic pressure can be obtained using only pneumatic pressure)							
Model No.	Bore Size mm	Pneumatic Pipe Connection Port Rc	Boosting ratio	Pressure Generated at 0.5 MPa	Discharge Oil Volume (cc)	Hydraulic Piping Connection Port Rc	Cushion
B-80-11	100	1/2	11.0	55	80	1/4	None
B-120-25	160		25.8	128	120		
B-160-25	160		25.8	128	160		



● B Series



● Air-Hydro Booster							
Model No.	Bore Size mm	Max working pressure MPa	Min Operating Pressure MPa	Boosting ratio	Generated Hydraulic Pressure (at 0.5 MPa) MPa	Fast-feed Discharge Volume cm <sup>3</sup> (min-max)	High-pressure Discharge Volume cm <sup>3</sup> (min-max)
AHB	50	1.0	0.2	1:13	65	90 to 360	7 to 28
				1:25	125	94 to 366	3.5 to 14
	100			1:4	20	294 to 1,176	95 to 380
				1:16	80	370 to 1,480	22 to 88
	160			1:30	150		11 to 44
				1:4	20	750 to 3,000	240 to 960
				1:16	80	940 to 3,760	60 to 240
				1:28	140	950 to 3,800	33 to 132



Overview

An air-hydro booster is a booster device that converts pneumatic pressure, which is the operating source, into hydraulic pressure several to several tens of times higher using a built-in intensifier with hydraulic fluid. It is particularly convenient as it allows for a two-stage discharge: a low-pressure, large oil volume discharge for fast-feed, and a high-pressure, small oil volume discharge for intensified feed. With a low-cost pneumatic source, it can achieve automation requiring high hydraulic pressure, such as for marking, caulking, and pressing.



Main features

- Converts pneumatic pressure to high hydraulic pressure  
High hydraulic pressure can be obtained using only pneumatic pressure.
- Stepless pressure adjustment  
Hydraulic pressure can be adjusted steplessly just by adjusting the pneumatic pressure.
- No rise in oil temperature  
Since there is no rise in oil temperature, stable operation can be obtained.
- Can switch between fast-feed and intensified feed.  
Two-stage discharge for fast-feed and intensified feed can be easily performed with an air directional valve.
- Low air consumption.  
For the same output, air consumption is 1/8.

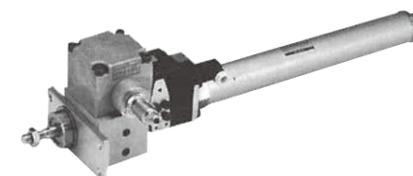
● Celcon Cylinder / Celcon Hydro Cylinder												
Model No.	Actuation method	Bore Size mm	Standard Stroke (mm)	Max Stroke mm	Mounting type	Connection Port Rc		Max Operating Pressure MPa		Min Operating Pressure MPa		
						Cylinder part	Brake Part	Cylinder part	Brake Part	Cylinder part	Brake Part	
JCC2 JCC2-H	Double Acting	20	20.50	700	Basic type	00	1/8	M5×0.8	0.7	0.6	0.15	0.35
		30	75		Axial Foot Type	LB						
		40	100		Rod Side Flange Type	FA						
JCC3 JCC3-H	Double Acting	40	50	600	Basic type	00	1/4	1/8	1.0	0.7	0.05	0.3
		50	75		Axial Foot Type	LB						
		63	100		Rod Side Flange Type	FA						
		80	150		Head Side Flange Type	FB						
		100	200		Single Clevis Type	CA						
		125	300		Double Clevis Type	CB						
		140	400		Intermediate Trunnion Type	TC						
		160	500		Rod Side Flange Type	TA						
		180	900		Head Side Flange Type	TB						
		PCU2	Double Acting		40	50	600	Basic type		00	1/4	
50	75			Axial Foot Type	LB							
63	100			Rod Side Flange Type	FA							
80	150			Head Side Flange Type	FB							
100	200			700	Single Clevis Type	CA						
	300			800	Double Clevis Type	CB						
	400			Type	Intermediate Trunnion	TC						
	500			Rod Side Flange Type	TA							
	Head Side Flange Type			TB								
	1/2			1/2	1.0	0.1						

Overview

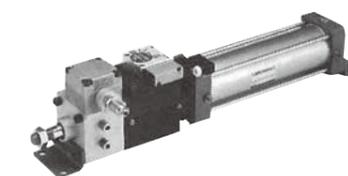
The CKD Celcon Cylinder is an actuator equipped with a position detection sensor. Its operating principle is that a controller (sold separately) receives pulse signals for the travel distance oscillated from the actuator, compares them with the program input, and freely controls intermediate stops and directional changes. It is an FMS-oriented cylinder with excellent accuracy and flexible control.

Main features

- Stop Position  
Since it has a built-in position detection sensor, it can be stopped intermediately at any position.
- Excellent Stopping Accuracy  
The stopping accuracy is excellent, at ±1.0 mm or less at a cylinder speed of 300 mm/s. (at no load).
- High Safety  
When the pneumatic source and power supply are OFF (such as during a power outage or accident), the Piston Rod is locked and operates on the safe side.
- Strong Holding Force  
It has a holding force approximately twice the cylinder thrust (at 0.4 MPa). (JCC3: ø40 to ø180)



JCC2-FA-30



JCC3-LB-63B



PCU2-LB-63B

# Standard-Compliant Products, ISO

	Listed Page
CE Marking	Ending 30
RoHS Compliance	Ending 32
ISO9001/ISO14001 Certification Acquisition	Ending 34

CKD offers a variety of European standard compliant equipment to support customers in achieving CE Marking for their machinery products.



: Displayed on European standard compliant products

## What is CE Marking?

- ◆ CE Marking is a mark that proves a product conforms to the essential requirements of all applicable EC directives.
- ◆ CE marking is a product passport within the EU, and products displaying the CE marking can be freely circulated within the EU.
- ◆ Machinery exported to the EU is required to comply with the Machinery Directive, EMC Directive, Low Voltage Directive, etc., but since CE marking is, in principle, mandatory for final products that flow directly to the market, marking on built-in components is not originally required. However, if built-in components (CKD equipment products) are certified for European standards, it makes CE Marking easier for the final product (your machinery product).

## Content of Each EC Directive

CKD's main products, such as solenoid valves, sensors, and ABSODEX, are required to conform to the following directives, and many models are European standard compliant.

Directive	Requirements	Applicable
<b>Machinery Directive</b> (2006/42/EC)	Essential safety requirements for machinery	<ul style="list-style-type: none"> <li>■ Machinery with drive parts Equipment such as solenoid valves are not subject to this, but ensuring compliance with standards makes CE Marking easier for customers.</li> </ul>
<b>EMC Directive</b> (2014/30/EU)	Measures for both the generation of electromagnetic disturbance (EMI/emission) and the ability to eliminate electromagnetic disturbance (EMS/immunity)	<ul style="list-style-type: none"> <li>■ Equipment that generates electromagnetic disturbance or equipment that is affected by electromagnetic disturbance Solenoid valves composed of simple solenoids do not generate electromagnetic disturbance, but ensuring compliance with standards makes CE Marking easier for customers.</li> </ul>
<b>Low Voltage Directive</b> (2014/35/EU)	Electrical safety regarding electric shock, etc.	<ul style="list-style-type: none"> <li>■ Components operating at 50 VAC to 1000 VAC and 75 VDC to 1500 VDC</li> </ul>
<b>Simple Pressure Vessels Directive</b> (2014/29/EU)	Safety regarding leakage and explosion of containers	<ul style="list-style-type: none"> <li>■ Welded containers where the product of maximum Operating Pressure and volume (PV·S) exceeds 50 bar-liters Our air tanks (AT type) do not conform, so they cannot be exported to the EU.</li> </ul>
<b>RoHS Directive</b> (2011/65/EU)	Restriction of 6 environmentally hazardous substances	<ul style="list-style-type: none"> <li>■ Electrical/Electronic Equipment</li> </ul>
2011/65/EU and (EU) 2015/863	Restriction of 10 environmentally hazardous substances	<ul style="list-style-type: none"> <li>■ Electrical/Electronic Equipment</li> </ul>

The countries to which CE marking applies are EU (European Union) member states, EFTA (European Free Trade Association) member states, and Turkey.

## CKD's Compliance with European Standard Compliant Products

⚠ Compliant products may not be available depending on the specification and detailed model number combination; for details, please contact our sales representative. For the latest information, please visit our website.

Home Page Address <https://www.ckd.co.jp/en/productinfo/eu/>



At CKD, our theme is the development of environmentally friendly products.

# RoHS

RoHS is the abbreviation for Restriction Of the use of certain Hazardous Substances in electrical and electronic equipment. This is the directive prohibiting use of certain hazardous substances issued by the EU.



- ◆ CKD products are approved as in conformity to RoHS directive in order of priority from July 1, 2006.
- ◆ RoHS-compliant products are designed to reduce environmental load and can be distributed in the EU countries.

## Environmental Policy

Based on the CKD Environmental Policy established in 2001, our company is engaged in environmental management system activities company-wide to protect the global environment.

### CKD's Environmental Policy

- 1 Promote development and sales of low environmental load
- 2 Clarify and comply with the requirements of environmental laws and regulations, and promote the realization of carbon neutrality and the prevention of environmental pollution.
  - a) Reduce CO<sub>2</sub> emissions
  - b) Promote resource conservation
  - c) Reduce waste
  - d) Reduce environmental pollutants

## Response to RoHS of CKD

For our main equipment products, we have been progressively implementing RoHS compliance since July 2006. This catalog indicates RoHS-compliant products with the "RoHS-compliant" mark.

(Note) For the latest compliance status, please check our website.

## Technical Data

### RoHS Directive

(Directive 2011/65/EU of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment)

This directive assimilates laws related to limiting the use of hazardous substances in electrical and electronics components set forth by each EU member state, contributes to the protection of human health, and provides sufficient means for processing and recycling waste electrical and electric products.

### 1 Scope of Application

- |   |  |
|---|--|
| 1 Large household electrical appliances           | 7 Toys, leisure goods and sports components  |
| 2 Small appliances                                | 8 Medical components, in-vitro diagnostics components                              |
| 3 IT Components and Telecommunications Components | 9 Monitoring and control components, industrial monitoring and control equipment   |
| 4 Civilian Components                             | 10 Vending machines  |
| 5 Lighting Components                             | 11 Other electrical and electronic equipment not falling into the above categories |
| 6 Electric tools                                  |  |

Our components products mainly correspond to category 9, industrial monitoring and control equipment. (Some medical devices in Category 8 and non-applicable products also exist)

### 2 Directive Contents

Regulated substances (2011/65/EU)

- Lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs)
- Polybrominated diphenyl ethers (PBDE)

Additional regulated substances ((EU) 2015/863)

- Specific phthalates (DEHP, DBP, BBP, DIBP)

Electrical and electronic equipment containing the above substances, products in Categories 8 and 9, will not be able to be brought into the EU from July 22, 2021, and other categories from July 22, 2019, in principle.

# Regarding ISO9001/ISO14001 Certification Acquisition

**We deliver reliable quality that is gentle to people, machines, and the environment.**

CKD has obtained ISO 9001 and ISO 14001 certification and established a quality and environmental management system. With safety, the environment, and energy saving as our primary themes, our entire company is dedicated to creating safe, reliable products and quality that pose no harm to people, machinery, society, or the global environment.









Model No.	Model Name	Catalog No./Page
HS	Fluid Actuated Valve for Gas Combustion System	1024
HSV	Manual Valve/Standard	RJ-012AA

**Listed Page**  
This is the specification/model number page for models listed in this catalog.

**Listed Catalog No.**

RJ-002AA ... Pneumatic Cylinder ①	RJ-010AA ... Precision Components/Vacuum Components	CB-031AA... Wet Fine Equipment General
RJ-003AA ... Pneumatic Cylinder ②	RJ-011AA ... Directional Control Valve ①	CB-054AA... ABSODEX General
RJ-004AA ... Pneumatic Cylinder ③	RJ-012AA ... Directional Control Valve ②	CB-055AA... Electric Actuator Motorless General
RJ-005AA ... Pneumatic Cylinder ④	RJ-013AA ... Fluid Control Valve	CC-1055AA... Life Science Equipment
RJ-006AA ... Pneumatic Cylinder ⑤	RJ-014AA ... Electric Actuator ROBODEX Plus	CC-1276AA... Outdoor Products WP Series
RJ-007AA ... Air Preparation, Pressure Control, and Auxiliary Components	RJ-015AA ... Electric Actuator ROBODEX Std.	CC-1590AA... Gas Combustion System
RJ-008AA ... Sensors/Controllers	RJ-016AA ... Dry Fine Equipment	CC-1637AA... Pharmaceutical Manufacturing Process Equipment
RJ-009AA ... Main Line Equipment/Gas Generators	CB-019SAA... Indexman General	CC-297AA... Automatic Watering Control Equipment

Others list the single item catalog No. for each series.

**Symbols**

Ⓢ...Single Valve   Ⓜ...Wiring Reduced Manifolds   Ⓜ...Individual Manifold  
Ⓜ...Mixed Manifold   Ⓜ...Block Manifolds   Ⓜ...Manifold

Model No.	Model Name	Catalog No./Page
<b>1</b>		
1219	Micro-mist Separator/Micro Naught Type (For Oil Mist Removal)	RJ-007AA
1238	Micro-mist Separator/Micro Naught Type (For Oil Mist Removal)	RJ-007AA
1326	Heavy Duty Air Filter	RJ-007AA
1126-□-□Y	Submicron Air Filter (For Tar Removal)	RJ-007AA
1126-□-E	Air Filter	RJ-007AA
1138-□-□Y	Submicron Air Filter (For Tar Removal)	RJ-007AA
1138-□-E	Air Filter	RJ-007AA
1226(J)	Micro-mist Separator/Micro Naught Type (For Oil Mist Removal)	RJ-007AA
1226(J)-□-X	Micro-mist Separator/Odor Naught Type (For Odor Removal)	RJ-007AA
1238-□-X	Micro-mist Separator/Odor Naught Type (For Odor Removal)	RJ-007AA
1326-□-□Y	Submicron Air Filter (For Tar Removal)	RJ-007AA
<b>2</b>		
2215	Regulator	RJ-007AA
2216	Regulator	RJ-007AA
2302 to 2304-□C	Dial Air Regulator	RJ-007AA
2302 to 2304-□C-R	Remote Control Dial Air Regulator	RJ-007AA
2415	Reverse Regulator (Built-in Check Valve)	RJ-007AA

2415-P11	Reverse Regulator (Built-in Check Valve)/Ozone Resistant	RJ-007AA
2419	Reverse Regulator (Built-in Check Valve)	RJ-007AA
2619	Regulator	RJ-007AA
2QV	Quick Valve with Push-in Fitting	RJ-007AA
<b>3</b>		
3003E to 3005E	Lubricator/Economist Type	RJ-007AA
3003E-□C-V	Lubricator/Auto Fill Type	RJ-007AA
3GA1/2/3	ⓈPilot Operated 3-Port Valve/Direct Piping	RJ-012AA
3GA1/2/3	ⓈAir Operated 3-Port Valve (Master Valve)/Direct Piping	RJ-012AA
3GB1/2	ⓈPilot Operated 3-Port Valve Dual Unit/Base Piping	RJ-012AA
3GD1/2/3	ⓈPilot Operated 3-Port Valve/Direct Piping	RJ-012AA
3GD1/2/□0EJ	ⓈIntrinsically Safe Explosion-proof Pilot Operated 3-Port Valve/Direct Piping	RJ-012AA
3GD1/2/□0EX	ⓈIntrinsically Safe Explosion-proof Pilot Operated 3-Port Valve/Direct Piping	RJ-012AA
3GE1/2	ⓈPilot Operated 3-Port Valve Dual Unit/Base Piping	RJ-012AA
3GE1/2/□0EJ	ⓈIntrinsically Safe Explosion-proof Pilot Operated 3-Port Valve/Base Piping	RJ-012AA
3GE1/2/□0EX	ⓈIntrinsically Safe Explosion-proof Pilot Operated 3-Port Valve/Base Piping	RJ-012AA
3KA1	ⓈPilot Operated 3-Port Valve/Direct Piping	RJ-012AA
3KA1	ⓈAir Operated 3-Port Valve (Master Valve)/Direct Piping	RJ-012AA
3MA0	ⓈDirect Acting 3-Port Valve/Direct Piping	RJ-012AA

3MB0	ⓈDirect Acting 3-Port Valve/Sub-plate Piping	RJ-012AA
3PA1/2	ⓈDirect Acting 3-Port Valve/Direct Piping	RJ-012AA
3PB1/2	ⓈDirect Acting 3-Port Valve/Sub-plate Piping	RJ-012AA
3QB1	ⓈDirect Acting 3-Port Valve/Sub-plate Piping	RJ-012AA
3QE1	ⓈDirect Acting 3-Port Valve/Sub-plate Piping	RJ-012AA
3QRA1	ⓈDirect Acting 3-Port Valve/Direct Piping	RJ-012AA
3QRB1	ⓈDirect Acting 3-Port Valve/Sub-plate Piping	RJ-012AA
3QV	Quick Valve with Push-in Fitting	RJ-007AA
<b>4</b>		
4001, 4002	Desiccant Air Dryer/Manual Air Dryer	RJ-009AA
4F0/1/2/3	ⓈPilot Operated 5-Port Valve/Direct Piping	RJ-012AA
4F0/1/2/3	ⓈAir Operated 5-Port Valve (Master Valve)/Direct Piping	RJ-012AA
4F2/3	ⓈPilot Operated 5-Port Valve Outdoor Specification	CC-1276AA
4F3□□0EX	ⓈExplosion-proof Pilot Operated 5-Port Valve/Direct Piping	RJ-012AA
4F3□□0E	ⓈExplosion-proof Pilot Operated 5-Port Valve/Direct Piping	RJ-012AA
4F4/5/6/7	ⓈPilot Operated 5-Port Valve/Sub-plate Piping	RJ-012AA
4F4/5/6/7	Air Operated 5-Port Valve (Master Valve)/Sub-plate Piping	RJ-012AA
4F4/5/6/7□□0EX	ⓈExplosion-proof Pilot Operated 5-Port Valve/Sub-plate Piping	RJ-012AA
4F4/5/6/7□□0E	ⓈExplosion-proof Pilot Operated 5-Port Valve/Sub-plate Piping	RJ-012AA
4GA1/2/3	ⓈPilot Operated 5-Port Valve/Direct Piping	RJ-011AA
4GA1/2/3	ⓈAir Operated 5-Port Valve (Master Valve)/Direct Piping	RJ-012AA
4GA4	ⓈPilot Operated 5-Port Valve/Direct Piping	RJ-011AA
4GB1/2/3	ⓈPilot Operated 5-Port Valve/Base Piping	RJ-011AA
4GB1/2/3	ⓈAir Operated 5-Port Valve (Master Valve)/Base Piping	RJ-012AA
4GB4	ⓈPilot Operated 5-Port Valve/Base Piping	RJ-011AA
4GD1/2/3	ⓈPilot Operated 5-Port Valve/Direct Piping	RJ-011AA
4GD1/2/3/4□0EJ	ⓈIntrinsically Safe Explosion-proof Pilot Operated 5-Port Valve/Direct Piping	RJ-012AA
4GD1/2/3/4□0EX	ⓈIntrinsically Safe Explosion-proof Pilot Operated 5-Port Valve/Direct Piping	RJ-012AA
4GE1/2/3	ⓈPilot Operated 5-Port Valve/Base Piping	RJ-011AA

4GE1/2/3/4□0EJ	ⓈIntrinsically Safe Explosion-proof Pilot Operated 5-Port Valve/Base Piping	RJ-012AA
4GE1/2/3/4□0EX	ⓈIntrinsically Safe Explosion-proof Pilot Operated 5-Port Valve/Base Piping	RJ-012AA
4KA1/2/3/4	ⓈPilot Operated 5-Port Valve Direct Piping	RJ-012AA
4KA1/2/3/4	ⓈAir Operated 5-Port Valve (Master Valve)/Direct Piping	RJ-012AA
4KB1/2/3/4	ⓈPilot Operated 5-Port Valve/Sub-plate Piping	RJ-012AA
4KB1/2/3/4	ⓈAir Operated 4, 5-Port Valve (Master Valve)/Sub-plate Piping	RJ-012AA
4SA0	ⓈPilot Operated 5-Port Valve/Direct Piping	RJ-011AA
4SB0	ⓈPilot Operated 5-Port Valve/Sub-plate Piping	RJ-011AA
<b>5</b>		
5100-4C	Heavy Duty Drain	RJ-009AA
<b>6</b>		
6119-2C	Moisture Indicator	RJ-009AA
<b>A</b>		
A100 to 800-W	Piping Adapter/Standard White Series	RJ-007AA
A101 to 801-W	L-type Piping Adapter/Standard White Series	RJ-007AA
A1019	Air Filter	RJ-007AA
A1338	Heavy Duty Air Filter	RJ-007AA
A1338-□Y	Submicron Air Filter (For Tar Removal)	RJ-007AA
A2-3400	Cryogenic 2-Port Solenoid Valve	RJ-013AA
A2-5201	Direct Acting 2-Port Solenoid Valve (For High Frequency Operation)	RJ-013AA
A2-5202	Pilot Operated 2-Port Solenoid Valve (For High Frequency Operation)	RJ-013AA
A2-5800	Cryogenic 2-Port Solenoid Valve	RJ-013AA
A3019	Lubricator/Economist Type	RJ-007AA
AB21	Direct Acting 2-Port Solenoid Valve (Multilex)	RJ-013AA
AB31	Direct Acting 2-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
AB31-Z	Direct Acting 2-Port Solenoid Valve for Dry Air (Multilex)	RJ-013AA
AB41	Direct Acting 2-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
AB41E2	Explosion-proof Direct Acting 2-Port Solenoid Valve (Multilex)/d2G2	RJ-013AA
AB41E4	Explosion-proof Direct Acting 2-Port Solenoid Valve (Multilex)/d2G4	RJ-013AA

Model No.	Model Name	Catalog No./Page
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<b>A</b>		
<b>AB41E4-Z</b>	Explosion-proof Direct Acting 2-Port Solenoid Valve for Dry Air (Multilex)/d2G4	RJ-013AA
<b>AB41EX2</b>	Explosion-proof Direct Acting 2-Port Solenoid Valve (Multilex)/Exd II BT2	RJ-013AA
<b>AB41EX4</b>	Explosion-proof Direct Acting 2-Port Solenoid Valve (Multilex)/Exd II BT4	RJ-013AA
<b>AB41-Z</b>	Direct Acting 2-Port Solenoid Valve for Dry Air (Multilex)	RJ-013AA
<b>AB42</b>	Direct Acting 2-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
<b>AB42E4</b>	Explosion-proof Direct Acting 2-Port Solenoid Valve (Multilex)/d2G4	RJ-013AA
<b>AB71</b>	Direct Acting 2-Port Solenoid Valve (Multilex)/Large Bore	RJ-013AA
<b>ABP</b>	Air Booster	RJ-007AA
<b>AD11</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>AD11E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA
<b>AD11EX4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, Exd II BT4	RJ-013AA
<b>AD12</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>AD12E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA
<b>AD21</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>AD21E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA
<b>AD21EX4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, Exd II BT4	RJ-013AA
<b>AD22</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>AD22E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA
<b>ADK11</b>	Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>ADK11E4</b>	Explosion-proof Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA

<b>ADK11EX4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, Exd II BT4	RJ-013AA
<b>ADK11-Z</b>	Pilot Kick Operated 2-Port Solenoid Valve for Dry Air (Multilex)	RJ-013AA
<b>ADK12</b>	Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>ADK12E4</b>	Explosion-proof Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven, d2G4	RJ-013AA
<b>ADK21</b>	Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Diaphragm Driven	RJ-013AA
<b>AES (Facilea)</b>	Image Processing Visual Programming Tool	CC-1548AA
<b>AES (Facilea AI)</b>	Image Processing AI Tool	CC-1623AA
<b>AESM (ExiaStudio)</b>	Device Visual Programming Tool	CC-1579AA
<b>AF2</b>	Medium Size Main Line Filter	RJ-009AA
<b>AF30□□</b>	Large Size Main Line Filter (Standard Type)	RJ-009AA
<b>AF40□□</b>	Medium Size Main Line Filter (For Oil-Free)	RJ-009AA
<b>AF50□□</b>	Large Size Main Line Filter (For Oil-Free)	RJ-009AA
<b>AFB-RB</b>	Active Fine Buffer	RJ-010AA
<b>AG3□-Z</b>	Direct Acting 3-Port Solenoid Valve for Dry Air (Multilex)	RJ-013AA
<b>AG3□</b>	Direct Acting 3-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
<b>AG4□E4-Z</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve for Dry Air (Multilex)/d2G4	RJ-013AA
<b>AG4□-Z</b>	Direct Acting 3-Port Solenoid Valve for Dry Air (Multilex)	RJ-013AA
<b>AG41</b>	Direct Acting 3-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
<b>AG41E4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/d2G4	RJ-013AA
<b>AG41EX4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/Exd II BT4	RJ-013AA
<b>AG43</b>	Direct Acting 3-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
<b>AG43E4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/d2G4	RJ-013AA
<b>AG43EX4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/Exd II BT4	RJ-013AA
<b>AG44</b>	Direct Acting 3-Port Solenoid Valve Single Unit (Multilex)	RJ-013AA
<b>AG44E4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/d2G4	RJ-013AA
<b>AG44EX4</b>	Explosion-proof Direct Acting 3-Port Solenoid Valve (Multilex)/Exd II BT4	RJ-013AA

<b>AGD</b>	Air Operated Valve for Process Gas	CB-035AA
<b>AHB</b>	Air-Hydro Booster	Ending 26
<b>AL</b>	Air Lamp/Logic Valve	RJ-007AA
<b>AM4F0</b>	ⓂPilot Operated 5-Port Valve/Direct Piping	RJ-012AA
<b>AMD</b>	Air Operated Valve for Chemicals (2-Port)	CB-031AA
<b>AMDS</b>	Air Operated Valve for Chemicals/Integrated Suck-back Type	CB-031AA
<b>AMG</b>	Air Operated Valve for Chemicals (3-Port)	CB-031AA
<b>AMS</b>	Suck-back Valve for Chemicals	CB-031AA
<b>AP11</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA
<b>AP11E2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G2	RJ-013AA
<b>AP11E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G4	RJ-013AA
<b>AP11EX2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, Exd II BT2	RJ-013AA
<b>AP11EX4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, Exd II BT4	RJ-013AA
<b>AP12</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA
<b>AP12E2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G2	RJ-013AA
<b>AP12E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G4	RJ-013AA
<b>AP21</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA
<b>AP21E2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G2	RJ-013AA
<b>AP21EX2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven/Exd II BT2	RJ-013AA
<b>AP21E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G4	RJ-013AA
<b>AP21EX4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, Exd II BT4	RJ-013AA
<b>AP22</b>	Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA

<b>AP22E2</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G2	RJ-013AA
<b>AP22E4</b>	Explosion-proof Pilot Operated 2-Port Solenoid Valve (Multilex)/Piston Driven, d2G4	RJ-013AA
<b>APE</b>	Mechanical Pressure Switch	RJ-007AA
<b>APK11</b>	Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA
<b>APK21</b>	Pilot Kick Operated 2-Port Solenoid Valve (Multilex)/Piston Driven	RJ-013AA
<b>APS</b>	Compact Mechanical Pressure Switch	RJ-007AA
<b>ASU</b>	Portable Air Supply Unit	CC-1363AA
<b>AT</b>	Air Tank	RJ-007AA
<b>AVB</b>	Air Operated Valve for High Vacuum	CB-035AA
<b>AX1000T, 2000T, 4000T</b>	Direct Drive Actuator ABSODEX	CB-054AA
<b>AX1R, 2R, 4R</b>	Direct Drive Actuator ABSODEX	CC-1614AA
<b>AX6000M</b>	Direct Drive Actuator ABSODEX	CB-054AA
<b>AX9000TS, TH, MU</b>	Driver for ABSODEX	CB-054AA
<b>AXD</b>	Driver for ABSODEX	CC-1614AA
<b>AZ</b>	Tube Cutter	RJ-007AA

<b>B</b>		
<b>B</b>	Booster	Ending 26
<b>B□P51□</b>	ⓂPilot Operated 2, 3, 5-Port Valve/Metal Base	RJ-012AA
<b>B110 to 820-W</b>	Bracket/For Selex F.R.L./Standard White Series	RJ-007AA
<b>B2019</b>	Regulator	RJ-007AA
<b>B2019-P11</b>	Regulator/Ozone Resistant	RJ-007AA
<b>B513□</b>	ⓂPilot Operated 3-Port Valve/Sub-base Type	RJ-012AA
<b>B5142</b>	ⓂPilot Operated 5-Port Valve/Sub-base Type	RJ-012AA
<b>B6061</b>	Relief Valve	RJ-007AA
<b>B7019</b>	F.R. Unit	RJ-007AA
<b>BBS-A</b>	Balancer Unit Automatic Pressure Adjustment Type	1038
<b>BBS-O</b>	Balancer Unit Fixed Pressure Adjustment Type	1054
<b>BHA</b>	Compact Cross Roller Parallel Gripper	RJ-006AA
<b>BHA-FC</b>	Mechanical Gripper	RJ-006AA
<b>BHA-LN</b>	Gripper with Linear Norm Sensor/Cross Roller Parallel Gripper with Sensor	1150
<b>BHE</b>	Centering Gripper	RJ-006AA
<b>BHE-LN</b>	Gripper with Linear Norm Sensor/Centering Gripper with Sensor	1150
<b>BHG</b>	Compact Cross Roller Parallel Gripper with Rubber Cover	RJ-006AA

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<b>BHG-LN</b>	Gripper with Linear Norm Sensor/Cross Roller Parallel Gripper with Rubber Cover and Sensor	1150
<b>BN</b>	Air Blow Nozzle General Type	RJ-007AA
<b>BNB</b>	Air Blow Nozzle Blower Specification	RJ-007AA
<b>BNE-F</b>	Air Blow Nozzle Flat Type	RJ-007AA
<b>BNE-R</b>	Air Blow Nozzle Round Type	RJ-007AA
<b>BSA2</b>	Ultra Compact Cross Roller Parallel Gripper	RJ-006AA
<b>BW7019</b>	Filter Regulator/Outdoor Series	CC-1276AA
<b>C1000 to 8000-P6</b>	F.R.L. Combination/Copper Ion Restricted (No copper/PTFE Specification)	RJ-007AA
<b>C1000 to 8000-W</b>	F.R.L. Combination/Standard White Series	RJ-007AA
<b>C1010 to 8010-W</b>	W.L. Combination/Standard White Series	RJ-007AA
<b>C1020 to 8020-W</b>	F.R. Combination/Standard White Series	RJ-007AA
<b>C1030 to 8030-W</b>	F.M.R. Combination/Standard White Series	RJ-007AA
<b>C1040 to 8040-W</b>	W.M. Combination/Standard White Series	RJ-007AA
<b>C1050 to 8050-W</b>	R.M. Combination/Standard White Series	RJ-007AA
<b>C1060 to 8060-W</b>	F.M. Combination/Standard White Series	RJ-007AA
<b>C25N-B</b>	Governor for Medium Pressure Gas	CC-1590AA
<b>C3070 to 8070-W</b>	F.F.M. Combination/Standard White Series	RJ-007AA
<b>CAC4</b>	Clamp Cylinder/Double Acting, Single Rod	742
<b>CAC-N32/40</b>	Lightweight Clamp Cylinder/Double Acting, Single Rod	792
<b>CAT</b>	Cartridge Cylinder/Single Acting, Push Type	RJ-003AA
<b>CAU30</b>	Clean Air Unit	RJ-007AA
<b>CAV2</b>	Cell Cylinder/With Valve, Double Acting, Lubricated Type	694
<b>CAW</b>	Compact Arm	CC-1613AA
<b>CCH</b>	Check Valve for Liquids	RJ-013AA
<b>CCN</b>	Check Valve for Liquids (Nozzle Type)	RJ-013AA
<b>CG</b>	Air Fiber Push-in Fitting (Clean Type)	RJ-007AA
<b>CHB</b>	Air Operated Ball Valve 2-Port (Compact Rotary Valve)	RJ-013AA
<b>CHBF</b>	Air Operated Ball Valve 2-Port (Compact Rotary Valve)/Full Bore	RJ-013AA
<b>CHC</b>	Auto Gripper Changer	RJ-006AA
<b>CHG</b>	Air Operated Ball Valve 3-Port (Compact Rotary Valve)	RJ-013AA

<b>CHL</b>	Check Valve with Push-in Fitting	RJ-007AA
<b>CHV2</b>	Check Valve	RJ-007AA
<b>CK</b>	3-Jaw Long Stroke Chuck	RJ-006AA
<b>CKA</b>	3-Jaw Thin Chuck	RJ-006AA
<b>CKF</b>	Hollow Chuck	RJ-006AA
<b>CKG</b>	3-Jaw Bearing Chuck	RJ-006AA
<b>CKH2</b>	High Gripping Force Powerful Chuck	RJ-006AA
<b>CKJ</b>	Ultra Long Stroke Chuck	RJ-006AA
<b>CKL2</b>	Powerful Chuck	RJ-006AA
<b>CKL2-FC</b>	Mechanical Chuck	RJ-006AA
<b>CKLB2</b>	Bidirectional Powerful Chuck	RJ-006AA
<b>CKS</b>	Low Profile Chuck	RJ-006AA
<b>CKV2</b>	Compact cylinder with valve/With Valve, Double Acting, Single Rod	660
<b>CKW-HP1</b>	3-Jaw Chuck	RJ-006AA
<b>CKWL-HP1</b>	3-Jaw Chuck	RJ-006AA
<b>CMA2</b>	Small Bore Size Cylinder/Double Acting, Single Rod	RJ-002AA
<b>CMK2</b>	Small Bore Size Cylinder/Double Acting, Single Rod	RJ-002AA
<b>COV□2</b>	Cell Cylinder/With Valve, Double Acting, Lubricated Type	694
<b>CPD</b>	Electronic Pressure Switch for Coolant (with Digital Display)	
<b>CPE</b>	Mechanical Pressure Switch for Coolant (Low Pressure Type)	
<b>CSB</b>	Air Operated Ball Valve 2-Port for Steam (Compact Rotary Valve)	
<b>CSBF</b>	Air Operated Ball Valve 2-Port for Steam (Compact Rotary Valve)	
<b>CV3E</b>	Low Pressure Air Operated 3-Port Valve (Coolant Valve)	RJ-013AA
<b>CVE2, CVE22</b>	Air Operated 2-Port Valve (Coolant Valve)	RJ-013AA
<b>CVE3</b>	Air Operated 3-Port Valve (Coolant Valve)	RJ-013AA
<b>CVS3E</b>	Low Pressure Air Operated 3-Port Valve (Coolant Valve)/Solenoid Valve Mounted Type	RJ-013AA
<b>CVSE2, CVSE22</b>	Air Operated 2-Port Valve (Coolant Valve)/Solenoid Valve Mounted Type	RJ-013AA
<b>CVSE3</b>	Air Operated 3-Port Valve (Coolant Valve)/Solenoid Valve Mounted Type	RJ-013AA
<b>CXU</b>	Air Unit	RJ-007AA
<b>D101 to 801-W</b>	Distributor/For Selex F.R.L./Standard White Series	RJ-007AA
<b>DB1000, 3000</b>	Super Drain	RJ-009AA
<b>DBS1006</b>	Drain Sensor	RJ-009AA
<b>DCKW</b>	Electric Actuator with Motor D Series 3-Finger Gripper Type	RJ-014AA
<b>DLSH</b>	Electric Actuator with Motor D Series 2-Finger Gripper Type	RJ-014AA

<b>DMSDG</b>	Electric Actuator with Motor D Series Compact Guided Type	RJ-014AA
<b>DSC</b>	Speed Controller with Dial	RJ-007AA
<b>DSG</b>	Solenoid Valve for Gas Combustion System	CC-1590AA
<b>DSG-W</b>	Solenoid Valve for Gas Combustion System	CC-1590AA
<b>DSSD2</b>	Electric Actuator with Motor D Series Rod Type	RJ-014AA
<b>DSTG</b>	Electric Actuator with Motor D Series Guided Type	RJ-014AA
<b>DSTK</b>	Electric Actuator with Motor D Series Stopper Type	RJ-014AA
<b>DSTL</b>	Electric Actuator with Motor D Series Guided Type	RJ-014AA
<b>DSTS</b>	Electric Actuator with Motor D Series Guided Type	RJ-014AA
<b>DT3000, 3010-W</b>	Snap Drain	RJ-009AA
<b>DT4000, 4010-W</b>	Snap Drain	RJ-009AA
<b>DVL</b>	Needle Valve with Dial	RJ-007AA
<b>E0, ET0</b>	Cylinder Switch/Heat Resistant, Reed 2-wire	1486
<b>ECS</b>	Electric Actuator Motorless Specification Slider Type	CB-055AA
<b>ETS</b>	Electric Actuator Motorless Specification Slider Type	CB-055AA
<b>EBS-L</b>	Electric Actuator with Motor Specification Slider Type	CB-055AA
<b>EBS-G, -M</b>	Electric Actuator with Motor Specification Slider Type	RJ-014AA
<b>EBR-L</b>	Electric Actuator Motorless Specification	CB-055AA
<b>EBR-G, -M</b>	Electric Actuator with Motor Specification Slider Type	RJ-014AA
<b>ECG</b>	For Electric Actuator Single Axis Controller	RJ-014AA
<b>ECMG</b>	For Electric Actuator Multi Axis Controller	RJ-014AA
<b>ECR</b>	For Electric Actuator Single Axis Controller	RJ-014AA
<b>ECV</b>	Electric Actuator with Motor Specification Slider Type	CB-055AA
<b>EH</b>	Air Fiber Clean Type (For Push-in Fittings)	RJ-007AA
<b>EKS-L</b>	Electric Actuator with Motor Specification Slider Type	CB-055AA
<b>EKS-M</b>	Electric Actuator with Motor Specification Slider Type	CC-1457AA
<b>EMB21, 41, 51</b>	Metal-free 2-Port Solenoid Valve	RJ-013AA
<b>EJSG</b>	Electric Actuator with Motor Specification Slider Type	RJ-014AA
<b>ESC4</b>	For Electric Actuator Single Axis Controller	RJ-014AA
<b>ESM</b>	Electric Shuttle Mover	CC-1259AA
<b>ETS</b>	Electric Actuator Motorless Specification Slider Type	CB-055AA
<b>ETV</b>	Electric Actuator Motorless Specification Slider Type	CB-055AA

<b>EV2100V, 2109V</b>	Electro-Pneumatic Regulator/Solenoid Valve Type Vacuum Compatible	RJ-007AA
<b>EVR</b>	Electro-Pneumatic Regulator/Solenoid Valve Type Medium Flow	RJ-007AA
<b>EVB□17</b>	Electric Vacuum Valve	CB-035AA
<b>EVD</b>	Digital Electro-Pneumatic Regulator	RJ-007AA
<b>EVL</b>	Low Pressure Electro-Pneumatic Regulator	RJ-007AA
<b>EVS2</b>	Electro-Pneumatic Regulator/Solenoid Valve Type Compact	RJ-007AA
<b>EVT</b>	Low Profile Electro-Pneumatic Regulator/Single Unit	RJ-007AA
<b>EXA</b>	Pilot Operated 2-Port Solenoid Valve for Compressed Air	RJ-013AA
<b>ExiaStudio (AESM)</b>	Device Visual Programming Tool	CC-1579AA
<b>F□</b>	Soft nylon tube	RJ-007AA
<b>F0V/H</b>	Cylinder Switch/1-Color Indicator, Reed 2-wire	1482
<b>F1000 to 8000-P6</b>	Air Filter/Copper Ion Restricted (No copper/PTFE Specification)	RJ-007AA
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<b>F2S, F3S</b>	Cylinder Switch/1-Color Indicator, Solid State 2/3-wire	1482
<b>F2, 3V/H</b>	Cylinder Switch/1-Color Indicator, Solid State 2/3-wire	1482
<b>F3PH/V</b>	Cylinder Switch/PNP Output Type Solid State 3-wire	1482
<b>F2, 3Y V/H</b>	Cylinder Switch/2-Color Indicator, Solid State 2/3-wire	1482
<b>F3000 to 8000-G4</b>	Air Filter/Flame Resistant Series	RJ-007AA
<b>FA□</b>	Ultra Compact Joint/Adjustable Socket	RJ-007AA
<b>FA331 to 831</b>	Exhaust Cleaner	RJ-007AA
<b>FAC</b>	Clean Exhaust Filter	RJ-007AA
<b>Facilea (AES)</b>	Image Processing Visual Programming Tool	CC-1548AA
<b>Facilea AI (AES)</b>	Image Processing AI Tool	CC-1623AA
<b>FAW</b>	Flex Arm	CC-1615AA
<b>FBS</b>	Ultra Compact Joint/Bushing	RJ-007AA
<b>FBU2</b>	Fine Buffer	RJ-010AA
<b>FC□</b>	Ultra Compact Joint/Clamp Fitting	RJ-007AA
<b>FCD</b>	Flat Cylinder Compact Demi/Double Acting, Single Rod	RJ-003AA
<b>FCH</b>	Flat Cylinder Compact Demi/Single Acting, Retracting Type	RJ-003AA
<b>FCK</b>	Shock Absorber, Adjustable Type	1414
<b>FCM</b>	Compact Flow Controller Rapiflow	RJ-008AA
<b>FCS</b>	Flat Cylinder Compact Demi/Single Acting, Push Type	RJ-003AA
<b>FCS1000</b>	Inline Clean Filter	RJ-007AA
<b>FCS500</b>	Inline Clean Filter	RJ-007AA
<b>FFB</b>	Direct Acting 2-Port Solenoid Valve Multi-fit	RJ-013AA

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<b>F</b>		
<b>FFBM</b>	Direct Acting 2-Port Solenoid Valve Multi-fit	RJ-013AA
<b>FFG</b>	Direct Acting 3-Port Solenoid Valve Multi-fit	RJ-013AA
<b>FFGM</b>	Direct Acting 3-Port Solenoid Valve Multi-fit	RJ-013AA
<b>FFLD</b>	Electric Actuator with Motor F Series 2-Finger Gripper Type (Built-in Controller)	RJ-014AA
<b>FGRC</b>	Electric Actuator with Motor F Series Rotary Type	RJ-014AA
<b>FGS</b>	Ultra Compact Joint/Gasket	RJ-007AA
<b>FH100</b>	Feather Gripper (Mini Parallel Gripper)	RJ-006AA
<b>FH500</b>	Feather Gripper (Mini Pivot Gripper)	RJ-006AA
<b>FJ</b>	Free Joint	1442
<b>FK</b>	Simple Flow Controller	1452
<b>FLCR</b>	Electric Actuator with Motor F Series Table Type	RJ-014AA
<b>FLS</b>	Ultra Compact Joint/Extension	RJ-007AA
<b>FLSH</b>	Electric Actuator with Motor F Series 2-Finger Gripper Type	RJ-014AA
<b>FM</b> □	Ultra Compact Joint/Manifold	RJ-007AA
<b>FM3000 to 8000</b>	Air Filter/Medium Pressure Series	RJ-007AA
<b>FMD</b>	Flow Control Valve	CB-031AA
<b>FMS</b>	Metering Valve with Silencer	RJ-007AA
<b>FNS</b>	Ultra Compact Joint/Double Nipple	RJ-007AA
<b>FPL</b>	Ultra Compact Joint/Plug	RJ-007AA
<b>FPV</b>	Block Valve	RJ-007AA
<b>FS</b> □	Ultra Compact Joint/Socket	RJ-007AA
<b>FSL100</b>	Inline Filter	RJ-007AA
<b>FSL200</b>	Inline Filter	RJ-007AA
<b>FSL500</b>	Inline Filter	RJ-007AA
<b>FSM2-D</b>	Compact Flow Sensor Rapiflow	RJ-008AA
<b>FSM3</b>	Compact Flow Sensor Rapiflow	RJ-008AA
<b>FSM-V</b>	Ultra Compact Flow Sensor Rapiflow	RJ-008AA
<b>FSM-V-D</b>	Separate Display Unit Rapiflow	RJ-008AA
<b>FSM-VFM</b>	Compact Flow Sensor/Inline Filter	RJ-008AA
<b>FSM-X</b>	Ultra Compact Flow Switch Rapiflow	RJ-008AA
<b>FT</b> □	Ultra Compact Joint/Barb Fitting	RJ-007AA
<b>FWD</b>	Compact Pilot Operated Solenoid Valve for Water	RJ-013AA
<b>FWS</b>	Ultra Compact Joint/Partition Wall	RJ-007AA
<b>FW4000, 8000</b>	Air Filter/Outdoor Series	CC-1276AA
<b>FX</b>	Drain Separator	RJ-007AA

<b>G</b>		
<b>G29D</b>	Ultra Compact Pressure Gauge	RJ-007AA
<b>G39D</b>	Round Pressure Gauge	RJ-007AA
<b>G401-W</b>	Thin Pressure Gauge	RJ-007AA
<b>G40D</b>	Pressure Gauge with Safety Mark	RJ-007AA
<b>G45D</b>	Pressure Gauge with Limit Mark	RJ-007AA
<b>G49D, 59D</b>	General Purpose Pressure Gauge	RJ-007AA
<b>G49D, 59D-P6</b>	Pressure Gauge/Copper Ion Restricted (No copper/PTFE Specification)	RJ-007AA
<b>G52D</b>	Pressure Gauge with Switch	RJ-007AA
<b>G53D</b>	Pressure Gauge for Panel Mount	RJ-007AA
<b>GA400</b>	Differential Pressure Gauge	RJ-007AA
<b>GAB312/352</b>	Direct Acting 2-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB312/352-Z</b>	Direct Acting 2-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB412</b>	Direct Acting 2-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB412-Z</b>	Direct Acting 2-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB422</b>	Direct Acting 2-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB452</b>	Direct Acting 2-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAB452-Z</b>	Direct Acting 2-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG31</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG31</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG33</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG33</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG34</b> □	Direct Acting 3-Port Solenoid Valve Actuator (Multilex)	RJ-013AA
<b>GAG34</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Actuator (Multilex)	RJ-013AA
<b>GAG35</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG35</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA

<b>GAG41</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG41</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG43</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG43</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG44</b> □	Direct Acting 3-Port Solenoid Valve Actuator (Multilex)	RJ-013AA
<b>GAG44</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Actuator (Multilex)	RJ-013AA
<b>GAG45</b> □	Direct Acting 3-Port Solenoid Valve Manifold/Actuator (Multilex)	RJ-013AA
<b>GAG45</b> □-Z	Direct Acting 3-Port Solenoid Valve for Dry Air Manifold/Actuator (Multilex)	RJ-013AA
<b>GAMD</b>	Air Operated Valve for Chemicals (Manifold/Branch Valve)	CB-031AA
<b>GCKW</b>	Electric Actuator with Motor Specification G Series 3-Finger Gripper	RJ-014AA
<b>GCVE2</b>	Modular Coolant Valve Air Operated Type	RJ-013AA
<b>GCVSE2</b>	Modular Coolant Valve Solenoid Valve Mounted Type	RJ-013AA
<b>GEXA</b>	Pilot Operated 2-Port Solenoid Valve Manifold with Push-in Fittings for Compressed Air	RJ-013AA
<b>GFM</b>	Float Star	RJ-010AA
<b>GHV</b>	Gas Combination Valve	CC-1590AA
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<b>GMF1</b>	ⓂPilot Operated 5-Port ISO Compliant Valve/I/O Connector Type/ISO Size ①	RJ-012AA
<b>GMF2</b>	ⓂPilot Operated 5-Port ISO Compliant Valve/DIN Terminal Box Type/ISO Size ②	RJ-012AA
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<b>MV3QRB</b>	3QR Negative Pressure Switching Unit Sub-plate Piping	RJ-012AA
<b>MXKML</b>	Fine Level Switch Manifold	CB-031AA
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<b>MW3GA2</b>	☉Pilot Operated 3-Port Valve/Direct Piping	RJ-011AA
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<b>MW4GA2</b>	☉Pilot Operated 5-Port Valve/Direct Piping	RJ-011AA
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<b>MW4GB2</b>	☉Pilot Operated 5-Port Valve/Base Side Piping	RJ-011AA
<b>MW4GB4</b>	☉Pilot Operated 5-Port Valve/Base Side Piping	RJ-011AA
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<b>MW4GZ2</b>	☉Pilot Operated 5-Port Valve/Base Bottom Piping	RJ-011AA
<b>MW4GZ4</b>	☉Pilot Operated 5-Port Valve/Base Bottom Piping	RJ-011AA
<b>MW4GZ4</b>	☉Pilot Operated 5-Port Valve/Base Bottom Piping	RJ-011AA
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<b>MXG1</b> ☐	Electric Ball Valve 3-Port (Motor Valve)	RJ-013AA
<b>MXG1D-N</b>	Electric Oil-free Ball Valve 3-Port (Motor Valve)	RJ-013AA
<b>MXG1-N</b>	Electric Oil-free Ball Valve 3-Port (Motor Valve)	RJ-013AA
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<b>RHLF</b>	Gripper for Collaborative Robot Long Stroke Type	RJ-006AA
<b>RJB500</b>	Compact Direct Acting Precision Regulator	RJ-007AA
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<b>RW4000, 8000</b>	Regulator/Outdoor Series Outdoor Series	CC-1276AA
<b>RV3□</b>	Selex Rotary/Vane Type	1288
<b>RVC</b>	Shock Absorber	1350
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<b>SC3P</b>	Speed Controller/Stainless Steel Corrosion Resistant Type	RJ-007AA
<b>SC3R</b>	Speed Controller/Direct Port Connection, Elbow Type	RJ-007AA
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<b>SCD</b>	Speed Controller/Ultra Compact In-Out Type	RJ-007AA
<b>SCD2</b>	Speed Controller/In-Out Line Type with Push-in Fitting	RJ-007AA
<b>SCG</b>	Tie Rod Cylinder/Double Acting, Single Rod	RJ-002AA
<b>SCK</b>	Shock Absorber, Adjustable Type	1404
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<b>SCPS</b>	Pencil Shaped Cylinder/ Single Acting, Push Type	RJ-002AA
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<b>SCS2</b>	Large Bore Size Cylinder (ø125 to 250)/ Double Acting, Single Rod, Lubricated Type	RJ-002AA
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<b>SD401, 402D</b>	Membrane Air Dryer/Single Unit	RJ-009AA
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<b>SD4050 to 4100</b>	Membrane Air Dryer/Single Unit	RJ-009AA
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<b>SFX</b>	Siloxane/Ozone Remover	RJ-007AA
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<b>SU401, 402D</b>	Membrane Air Dryer/Unit	RJ-009AA
<b>SU401, 402E</b>	Membrane Air Dryer/Unit	RJ-009AA
<b>SU4050, 4100</b>	Membrane Air Dryer/Unit	RJ-009AA
<b>SVB</b> □ □	Air Operated 2-Port Valve Solenoid Valve Mounted Type (Cylinder Valve)	RJ-013AA
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<b>TLPS</b>	Tool Breakage Detection Switch/Single Unit	RJ-008AA
<b>TSF</b>	Torque Saver	CC-1601AA
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<b>U</b>	Urethane Tubing	RJ-007AA
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<b>UCAC-N32/40</b>	Lightweight Clamp Cylinder/ With Fall Prevention, Double Acting, Single Rod	798
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<b>UGPS3</b>	Digital Gap Switch/Unit	RJ-008AA
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<b>UP-</b> □ □ -F1/F2	Antistatic Tubing	RJ-007AA
<b>UP-9102-20-</b> □ -F1	Air Fiber Antistatic Type	RJ-007AA
<b>UP-9102-SR</b>	Flame Resistant Air Fiber (For Push-in Fittings)	RJ-007AA
<b>US</b>	Compact Direct Acting 2, 3-Port Solenoid Valve (Resin Body Type)	RJ-013AA
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<b>USC</b>	Medium Bore Size Cylinder with Free Position Fall Prevention/Double Acting, Single Rod	588
<b>USG</b> □	Compact Direct Acting 3-Port Solenoid Valve	RJ-013AA
<b>USSD</b>	Compact Cylinder with Drop Prevention/Double Acting, Single Rod	514
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<b>V</b>		
<b>V0</b>	Cylinder Switch/Compact Reed 2-wire for Strong Magnetic Fields	1485
<b>V1000, 3000-W</b>	Residual Pressure Exhaust Valve/Standard White Series	RJ-007AA
<b>V3010, 6010-W</b>	Residual Pressure Exhaust Valve with Keyhole, Keyhole, OSA Compliant	RJ-007AA
<b>V3301, 3321-W</b>	Slow Start Valve	RJ-007AA
<b>VFA1000 to 4000</b>	Vacuum Filter	RJ-010AA
<b>VG</b>	Vacuum Generator	CB-035AA
<b>VG41D</b>	Vacuum Pressure Gauge with Limit Mark	RJ-007AA
<b>VLA</b>	Solenoid Valve for Gas Combustion System	CC-1590AA
<b>VLM</b>	Shutoff Valve for Medium Pressure Gas Safety Shutoff Control	CC-1590AA
<b>VNA</b>	Solenoid Valve for Gas Combustion System	CC-1590AA

Model No.	Model Name	Catalog No./Page
<b>V</b>		
<b>VNA-R/RH</b>	Solenoid Valve for Gas Combustion System	CC-1590AA
<b>VNM</b>	Shutoff Valve for Medium Pressure Gas Safety Shutoff Control	CC-1590AA
<b>VNM-25-K</b>	Safety Shutoff Valve (Fire Safety Enhanced Specification)	CC-1590AA
<b>VNR</b>	Solenoid Valve for Gas Combustion System (Normally Closed when energized)	CC-1590AA
<b>VRA2000</b>	Vacuum Regulator	RJ-010AA
<b>VSB</b>	Ejector System/Square Type	RJ-010AA
<b>VSC</b>	Ejector System/ Pad Direct Mount Type	RJ-010AA
<b>VSECV</b>	Vacuum Related Equipment/ Fall Prevention Valve	RJ-010AA
<b>VSFB</b>	Vacuum Related Equipment/ Large Capacity Union Type Vacuum Filter	RJ-010AA
<b>VSFJ</b>	Vacuum Related Equipment/ Compact Socket Type Vacuum Filter	RJ-010AA
<b>VSFU</b>	Vacuum Related Equipment/ Compact Union Type Vacuum Filter	RJ-010AA
<b>VSG</b>	Ejector System/20 mm Width Single Unit Dedicated Type	RJ-010AA
<b>VSH</b>	Ejector System/Solenoid Valve Direct Mount Type	RJ-010AA
<b>VSJ/VSJM</b>	Ejector System/20 mm Width General Type	RJ-010AA
<b>VSJP/VSJPM</b>	Vacuum Pump System/20 mm Width General Type	RJ-010AA
<b>VSK/VSKM</b>	Ejector System/16 mm Width General Type	RJ-010AA
<b>VSLF</b>	Vacuum Related Equipment/ Vacuum Break Unit	RJ-010AA
<b>VSN/VSNM</b>	Ejector System/10.3 mm Width General Type	RJ-010AA
<b>VSNP/VSNPM</b>	Vacuum Pump System/10.3 mm Width General Type	RJ-010AA
<b>VSP</b>	Suction Pad	RJ-010AA
<b>VSQ</b>	Ejector System/31.5 mm Width Single Unit Dedicated Type	RJ-010AA
<b>VSQP</b>	Vacuum Pump System/31.5 mm Width General Type	RJ-010AA
<b>VSRVV</b>	Vacuum Related Equipment/ Compact Vacuum Regulator	RJ-010AA
<b>VST</b>	Vacuum Related Equipment/ Air Tweezers	RJ-010AA
<b>VSU</b>	Ejector System/ Pipe Type	RJ-010AA
<b>VSUS</b>	Vacuum Related Equipment/ Vacuum Pressure Switch	RJ-010AA
<b>VSX/VSXM</b>	Ejector System/10.5 mm Width General Type	RJ-010AA
<b>VSXP/VSXPM</b>	Vacuum Pump System/10.5 mm Width General Type	RJ-010AA
<b>VSY</b>	Ejector System/Vacuum Break Function Type	RJ-010AA

<b>VSZM</b>	Ejector System/11 mm Pitch Manifold Dedicated Type	RJ-010AA
<b>VSZPM</b>	Vacuum Pump System/11 mm Pitch Manifold Dedicated Type	RJ-010AA
<b>W</b>		
<b>W1000 to 8100-P11</b>	Filter Regulator/Ozone Resistant	RJ-007AA
<b>W1000 to 8000-P6</b>	Filter Regulator/Copper Ion Restricted (No copper/PTFE Specification)	RJ-007AA
<b>W1000 to 8000-W</b>	Filter Regulator/Standard White Series	RJ-007AA
<b>W1100 to 8100-P11</b>	Reverse Filter Regulator/ Ozone Resistant	RJ-007AA
<b>W1100 to 8100-P6</b>	Reverse Filter Regulator/ Copper Ion Restricted (No copper/PTFE Specification)	RJ-007AA
<b>W1100 to 8100-W</b>	Reverse Filter Regulator/ Standard White Series	RJ-007AA
<b>W2P513</b>	ⓈPilot Operated 5-Port Valve/Double Type	RJ-012AA
<b>W3000 to 8000-G4</b>	Filter Regulator/Flame Resistant Series	RJ-007AA
<b>W3100 to 8100-G4</b>	Reverse Filter Regulator/ Flame Resistant Series	RJ-007AA
<b>W4GB2</b>	ⓈPilot Operated 3, 5-Port Valve/Base Piping	RJ-011AA
<b>W4GB4</b>	ⓈPilot Operated 5-Port Valve/Base Side Piping	RJ-011AA
<b>W4GZ4</b>	ⓈPilot Operated 5-Port Valve/Base Bottom Piping	RJ-011AA
<b>WB500</b>	Compact Filter Regulator	RJ-007AA
<b>WFC</b>	Capacitance Electromagnetic Flow Sensor	RJ-008AA
<b>WFK2</b>	Karman Vortex Type Liquid Flow Sensor Flurex	RJ-008AA
<b>WFK3000</b>	Karman Vortex Type Water Flow Sensor Flurex	RJ-008AA
<b>WR1 / 2</b>	Regulator for Water	RJ-007AA
<b>WW4000, 8000</b>	Filter Regulator/Outdoor Series Outdoor Series	CC-1276AA
<b>WXU</b>	Water Manifold Unit	RJ-008AA
<b>Y</b>		
<b>YS</b>	Y-type Strainer	RJ-013AA
<b>Z</b>		
<b>ZB4-B</b>	Switch Head	RJ-007AA
<b>ZCK</b>	Rotary Type Head Lever Actuator	RJ-007AA
<b>ZRS</b>	Roller Gear Cam Unit	CC-1601AA
<b>ZSP</b>	New Joint Stainless Steel Type	RJ-007AA
<b>ZW</b>	New Joint Stainless Steel Type	RJ-007AA

### Products by Application

<b>-FP</b>	For Food Manufacturing Process	CC-1271AA
<b>-HP</b>	High Durability Equipment	CC-1421AA
<b>-P4</b>	For Rechargeable Battery Manufacturing Process	CC-1226AA
<b>-P5</b>	For Clean Components	CB-033SAA
<b>-P6</b>	Copper Ion Restricted (No copper/PTFE Specification)	RJ-001AA
<b>-P7</b>	For Clean Components	CB-033SAA
<b>-P8</b>	For Clean Components, Oil-free Treatment	CB-033SAA
<b>-P9</b>	For Clean Components, Oil-free Treatment	CB-033SAA
<b>-P11</b>	Ozone Resistant	RJ-001AA
<b>-P12</b>	Oil-free Compatible	RJ-001AA
<b>-W</b>	For Outdoor Use	CC-1276AA