

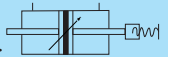
DOUBLE ACTING
 - SINGLE END ROD TYPE **AZS**



DOUBLE ACTING
 - DOUBLE END ROD TYPE..... **AZSD**



DOUBLE ACTING
 - ADJUSTABLE FOWARD STROKE CYLINDER **AZSN**
















Features

- The series cylinders according to ISO 6431(Φ32 ~ Φ100) °
- The series cylinders use for long stroke and high speed °

Specification

Type	AZS	AZSD	AZSN
Bore	Φ32、40、50、63、80、100		
Power fluid	Filtered air with or without lubrication		
The range of pressure	1.02 ~ 10.5 kgf/cm ²		
The range of temperature	-10 ~ +60 °C (Don't freeze)		
Material of cylinder barrel	Aluminium extrusion, Anodised 20 microns		

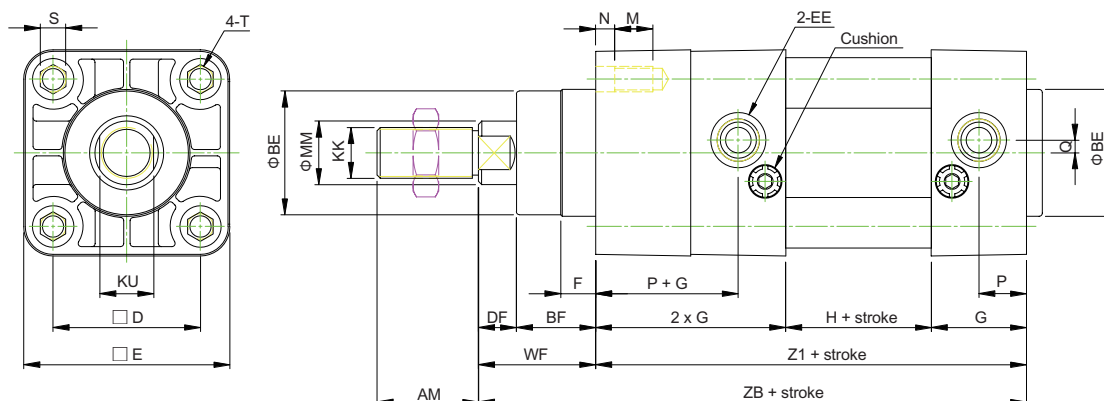
How to order

AZS	SD	50	B	50	A	Y	A	1
Type	Holder	Bore	Cushion	Stroke	Adjustable stroke	Accessories	Sensor switch	Quantity
 AZS	 SD	32 : Φ32 40 : Φ40 50 : Φ50	B : with cushion	Please see stroke table	No code : standard type A : Adjustable 25mm B : Adjustable 50mm ※Suited for AZSN!	 Y : Y Type	AZRK	1 : 1pc 2 : 2pcs
 AZSD	 FA	63 : Φ63 80 : Φ80 100 : Φ100				 S : Oscillating eye		
 AZSN	 FB					 F : Compensating joint		
	 CA							
	 CB							
	 LB							
	 TC							

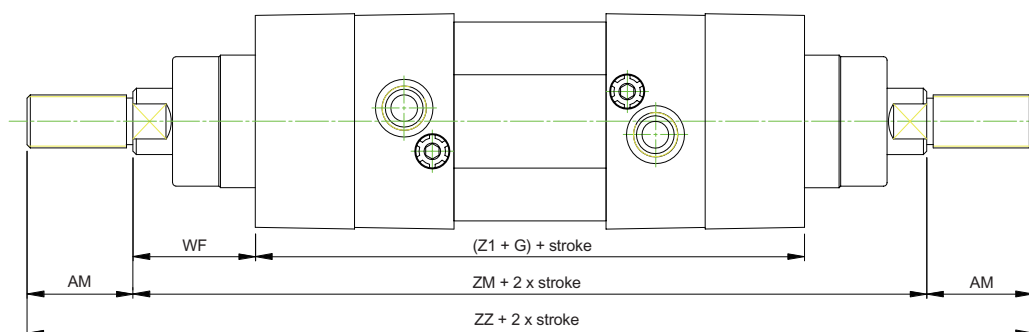
Stroke table * Stroke over 2500mm by request.

Bore	Stroke (mm)
Φ32、40、50、63、80、100	25,50,75,100,125,150,175,200,250,300,350,400,450,500

AZS Double acting - single end rod type / Dimensional features



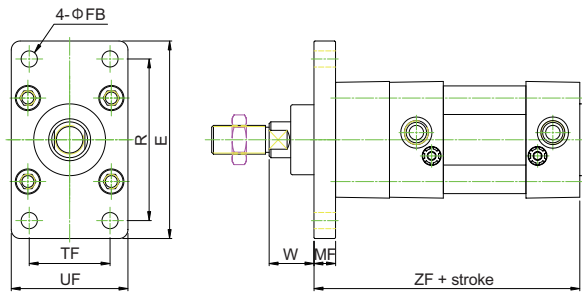
AZSD Double acting - double end rod type / Dimensional features



Dimensional Table

Mark Bore	AM	BE	BF	D	DF	E	EE	F	G	H	J	KK	KU	M	MM	N	P	Q	S	T	WF	Z1	ZB	ZM	ZZ
Φ32	22	30	16	32.5	10	47	G1/8	7	26	42	4	M10x1.25	10	9	12	6	13	4.5	6	M6	26	120	146	198	242
Φ40	24	35	20	38	10	53	G1/4	9	30	45	5	M12x1.25	14	9	16	6	15	5	6	M6	30	135	165	225	273
Φ50	32	40	25	46.5	12	65	G1/4	11	30	46	5	M16x1.5	17	12	20	6	15	6	8	M8	37	136	173	240	304
Φ63	32	45	25	56.5	12	75	G3/8	13	32	57	5	M16x1.5	17	12	20	6	16	8	8	M8	37	153	190	259	323
Φ80	40	45	32	72	14	95	G3/8	15	38	52	6	M20x1.5	22	16	25	6	19	9	10	M10	46	166	212	296	376
Φ100	40	55	35	89	16	115	G1/2	15	40	58	6	M20x1.5	22	16	25	6	20	7	10	M10	51	178	229	320	400

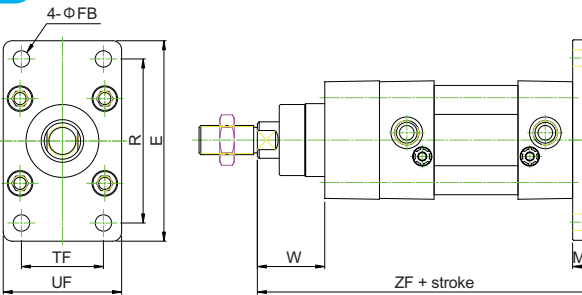
FA Double acting standard type / Accessories



Dimensional Table

Mark Bore	E	FB	MF	R	TF	UF	WF	ZF
Φ 32	79	7	10	64	32	50	18	171
Φ 40	90	9	10	72	36	55	18	186
Φ 50	110	9	12	90	45	65	20	201
Φ 63	120	9	12	100	50	75	22	217
Φ 80	153	12	16	126	63	95	24	244
Φ 100	178	14	16	150	75	115	26	274

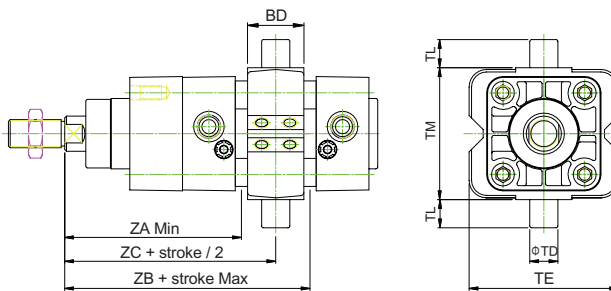
FB Double acting standard type / Accessories



Dimensional Table

Mark Bore	E	FB	MF	R	TF	UF	W	ZF
Φ 32	79	7	10	64	32	50	16	134
Φ 40	90	9	10	72	36	55	20	150
Φ 50	110	9	12	90	45	65	25	153
Φ 63	120	9	12	100	50	75	25	170
Φ 80	153	12	16	126	63	95	30	188
Φ 100	178	14	16	150	75	115	35	200

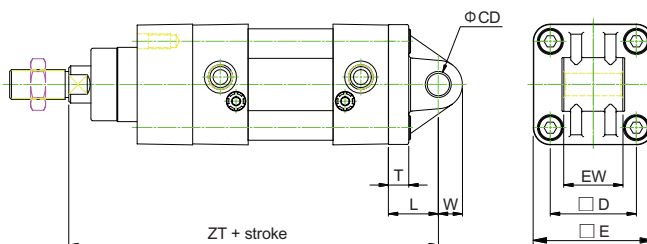
TC Double acting standard type / Accessories



Dimensional Table

Mark Bore	BD	TD	TE	TL	TM	ZA	ZB	ZC
Φ 32	22	12	58	12	50	92	106	99
Φ 40	28	16	70	16	63	107	118	112.5
Φ 50	32	16	85	16	75	116	124	120
Φ 63	35	20	100	20	90	121.5	137.5	129.5
Φ 80	40	20	120	20	110	145	151	148
Φ 100	45	25	145	25	132	156.5	163.5	160

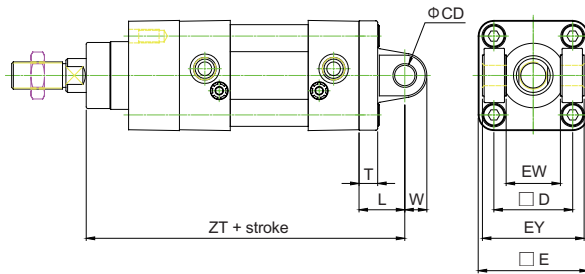
CA Double acting standard type / Accessories



Dimensional Table

Mark Bore	CD	D	E	EW	L	T	W	ZT
Φ 32	10	32.5	47	26	22	10	10.5	168
Φ 40	12	38	53	28	25	10	13	190
Φ 50	12	46.5	65	32	27	12	13	200
Φ 63	16	56.5	75	40	32	12	17	222
Φ 80	16	72	95	50	36	16	17	248
Φ 100	20	89	115	60	41	16	21	270

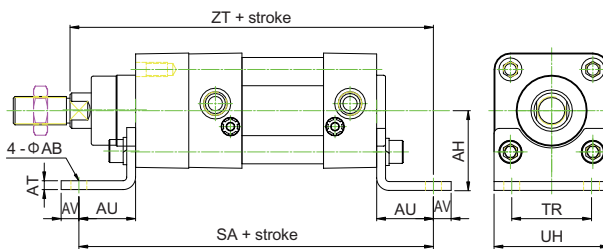
CB Double acting standard type / Accessories



Dimensional Talbe

Mark Bore	CD	D	E	EW	EY	L	T	W	ZT
Φ 32	10	32.5	47	26	45	22	10	10.5	168
Φ 40	12	38	53	28	52	25	10	13	190
Φ 50	12	46.5	65	32	60	27	12	13	200
Φ 63	16	56.5	75	40	70	32	12	17	222
Φ 80	16	72	95	50	90	36	16	17	248
Φ 100	20	89	115	60	110	41	16	21	270

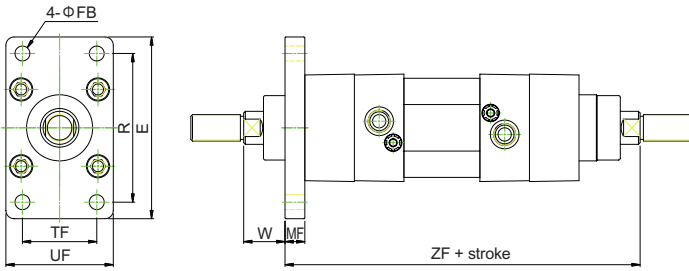
LB Double acting standard type / Accessories



Dimensional Talbe

Mark Bore	AB	AH	AT	AU	AV	SA	TR	UH	ZT
Φ 32	7	32	5	24	8	168	32	47	170
Φ 40	9	36	5	28	10	191	36	53	193
Φ 50	9	45	5	32	10	200	45	65	205
Φ 63	9	50	5	32	10	217	50	75	222
Φ 80	12	63	6	41	13	248	63	95	253
Φ 100	14	71	6	41	15	260	75	115	270

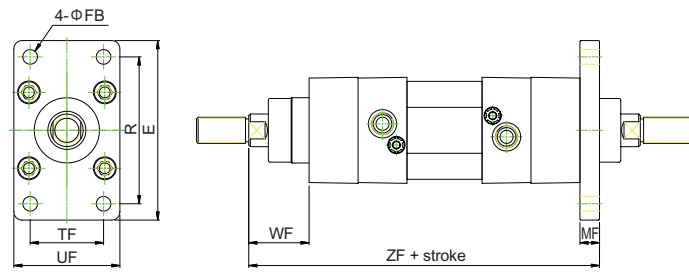
FA Double acting - double end rod type / Accessories



Dimensional Talbe

Mark Bore	E	FB	MF	R	TF	UF	W	ZF
Φ 32	79	7	10	64	32	50	16	182
Φ 40	90	9	10	72	36	55	20	205
Φ 50	110	9	12	90	45	65	25	215
Φ 63	120	9	12	100	50	75	25	234
Φ 80	153	12	16	126	63	95	30	266
Φ 100	178	14	16	150	75	115	35	285

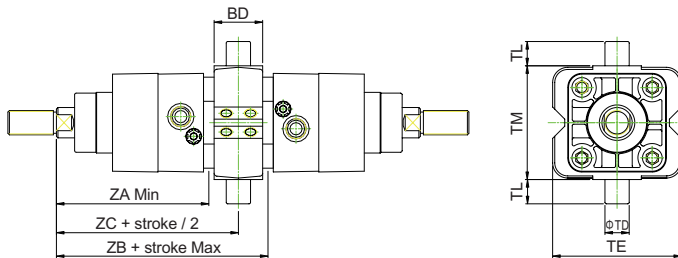
FB Double acting - double end rod type / Accessories



Dimensional Talbe

Mark Bore	E	FB	MF	R	TF	UF	WF	ZF
Φ 32	79	7	10	64	32	50	26	182
Φ 40	90	9	10	72	36	55	30	205
Φ 50	110	9	12	90	45	65	37	215
Φ 63	120	9	12	100	50	75	37	234
Φ 80	153	12	16	126	63	95	46	266
Φ 100	178	14	16	150	75	115	51	285

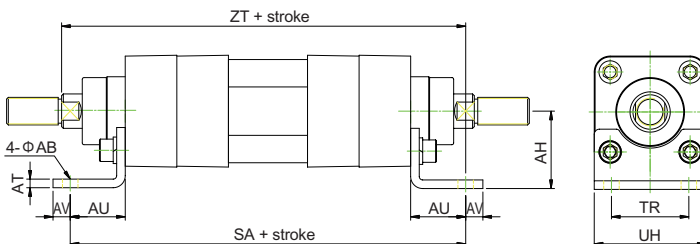
TC Double acting - double end rod type / Accessories



Dimensional Talbe

Mark Bore	BD	TD	TE	TL	TM	ZA	ZB	ZC
Φ 32	22	12	58	12	50	92	106	99
Φ 40	28	16	70	16	63	107	118	112.5
Φ 50	32	16	85	16	75	116	124	120
Φ 63	35	20	100	20	90	121.5	137.5	129.5
Φ 80	40	20	120	20	110	145	151	148
Φ 100	45	25	145	25	132	156.5	163.5	160

LB Double acting - double end rod type / Accessories



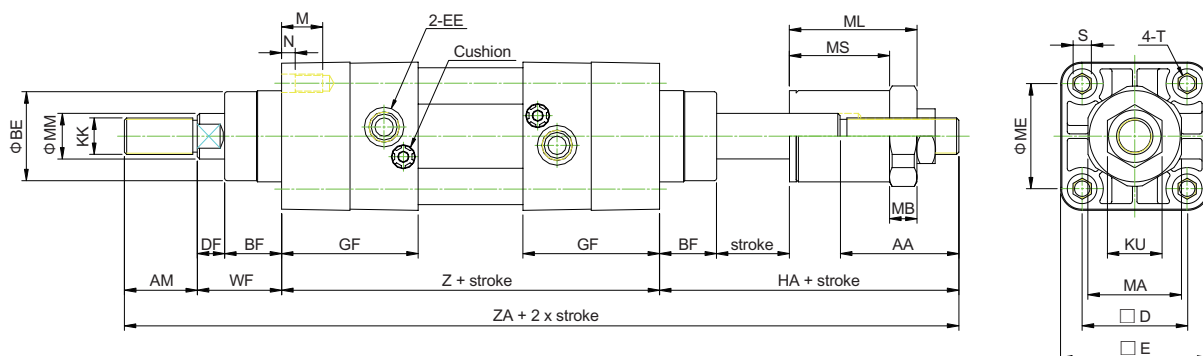
Dimensional Talbe

Mark Bore	AB	AH	AT	AU	AV	SA	TU	UH	ZT
Φ 32	7	32	5	24	8	194	32	47	196
Φ 40	9	36	5	28	10	221	36	53	223
Φ 50	9	45	5	32	10	230	45	65	235
Φ 63	9	50	5	32	10	249	50	75	254
Φ 80	12	63	6	41	13	286	63	95	291
Φ 100	14	71	6	41	15	300	75	115	310

AZSN

Double acting - adjustable forward stroke cylinder / Dimensional features

● Adjustable stroke 25mm

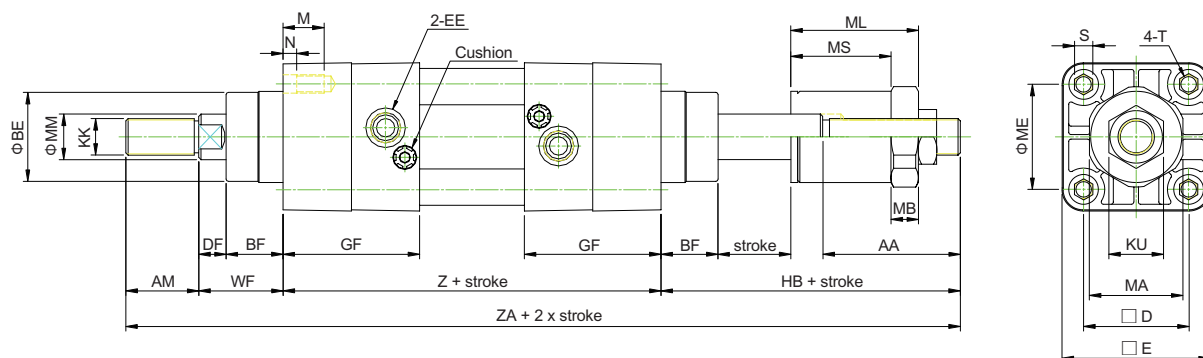

Dimensional Tabelle

Mark Bore	AA	AM	BE	BF	D	DF	E	EE	GF	HA	KK	KU	M	MA	MB	ME	ML	MM	MS	N	S	T	WF	Z	ZA
Φ 32	47	22	30	16	32.5	10	47	G1/8	52	73	M10x1.25	10	9	27	10	29	47	12	37	6	6	M6	26	146	267
Φ 40	48	24	35	20	38	10	53	G1/4	60	78	M12x1.25	14	9	32	10	35	47	16	37	6	6	M6	30	165	297
Φ 50	52	32	40	25	46.5	12	65	G1/4	60	92	M16x1.5	17	12	41	12	44	56	20	41	6	8	M8	37	166	327
Φ 63	52	32	45	25	56.5	12	75	G3/8	64	92	M16x1.5	17	12	41	12	44	56	20	41	6	8	M8	37	185	346
Φ 80	58	40	45	32	72	14	95	G3/8	76	107	M20x1.5	22	16	50.8	15	55	63	25	43	6	10	M10	46	204	397
Φ 100	58	40	45	35	89	16	115	G1/2	80	107	M20x1.5	22	16	50.8	15	55	63	25	43	6	10	M10	51	218	416

AZSN

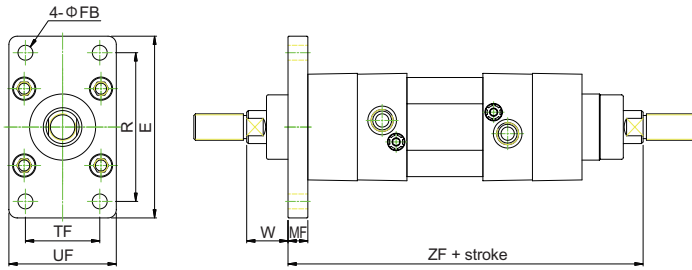
Double acting - adjustable forward stroke cylinder / Dimensional features

● Adjustable stroke 50mm


Dimensional Tabelle

Mark Bore	AB	AM	BE	BF	D	DF	E	EE	GF	HB	KK	KU	M	MA	MB	ME	ML	MM	MS	N	S	T	WF	Z	ZB
Φ 32	72	22	30	16	32.5	10	47	G1/8	52	98	M10x1.25	10	9	27	10	29	72	12	62	6	6	M6	26	146	292
Φ 40	73	24	35	20	38	10	53	G1/4	60	103	M12x1.25	14	9	32	10	35	72	16	62	6	6	M6	30	165	322
Φ 50	77	32	40	25	46.5	12	65	G1/4	60	117	M16x1.5	17	12	41	12	44	81	20	66	6	8	M8	37	166	352
Φ 63	77	32	45	25	56.5	12	75	G3/8	64	117	M16x1.5	17	12	41	12	44	81	20	66	6	8	M8	37	185	371
Φ 80	83	40	45	32	72	14	95	G3/8	76	132	M20x1.5	22	16	50.8	15	55	88	25	68	6	10	M10	46	204	422
Φ 100	83	40	55	35	89	16	115	G1/2	80	132	M20x1.5	22	16	50.8	15	55	88	25	68	6	10	M10	51	218	441

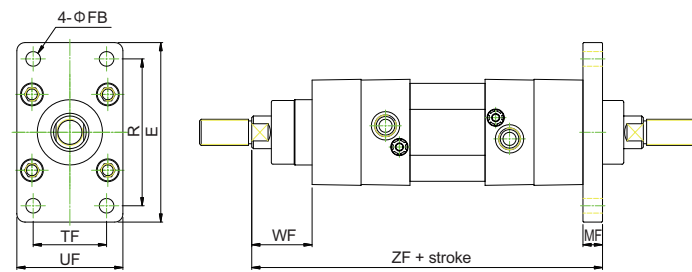
FA Double acting - adjustable forward stroke cylinder / Accessories



Dimensional Talbe

Mark Bore	E	FB	MF	R	TF	UF	W	ZF
Φ 32	79	7	10	64	32	50	16	156
Φ 40	90	9	10	72	36	55	20	175
Φ 50	110	9	12	90	45	65	25	178
Φ 63	120	9	12	100	50	75	25	197
Φ 80	153	12	16	126	63	95	30	220
Φ 100	178	14	16	150	75	115	35	234

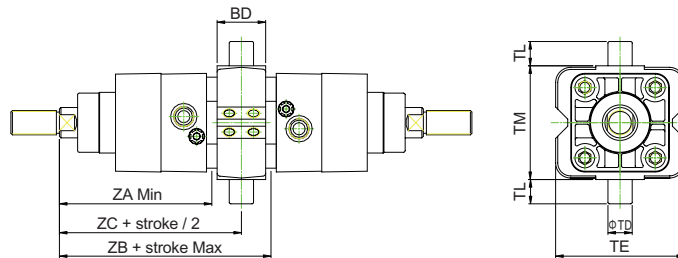
FB Double acting - adjustable forward stroke cylinder / Accessories



Dimensional Talbe

Mark Bore	E	FB	MF	R	TF	UF	WF	ZF
Φ 32	79	7	10	64	32	50	26	182
Φ 40	90	9	10	72	36	55	30	205
Φ 50	110	9	12	90	45	65	37	215
Φ 63	120	9	12	100	50	75	37	234
Φ 80	153	12	16	126	63	95	46	266
Φ 100	178	14	16	150	75	115	51	285

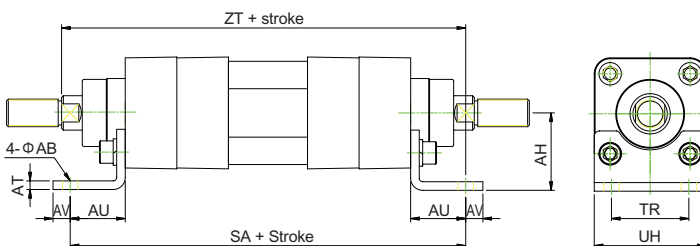
TC Double acting - adjustable forward stroke cylinder / Accessories



Dimensional Talbe

Mark Bore	BD	TD	TE	TL	TM	ZA	ZB	ZC
Φ 32	22	12	58	12	50	92	106	99
Φ 40	28	16	70	16	63	107	118	112.5
Φ 50	32	16	85	16	75	116	124	120
Φ 63	35	20	100	20	90	121.5	137.5	129.5
Φ 80	40	20	120	20	110	145	151	148
Φ 100	45	25	145	25	132	156.5	163.5	160

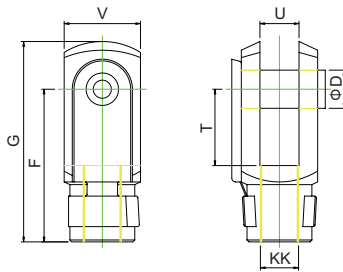
LB Double acting - adjustable forward stroke cylinder / Accessories



Dimensional Talbe

Mark Bore	AB	AH	AT	AU	AV	SA	TR	UH	ZT
Φ 32	7	32	5	24	8	194	32	47	196
Φ 40	9	36	5	28	10	221	36	53	223
Φ 50	9	45	5	32	10	230	45	65	235
Φ 63	9	50	5	32	10	249	50	75	254
Φ 80	12	63	6	41	13	286	63	95	291
Φ 100	14	71	6	41	15	300	75	115	310

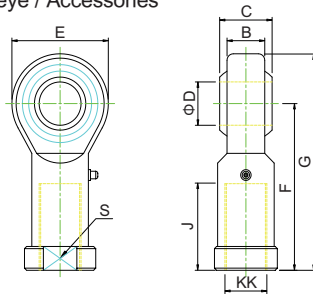
Y Rod clevis / Accessories



Dimensional Talbe

Mark Bore	D	F	G	K	T	U	V
Φ 32	10	40	52	M10X1.25	20	10	20
Φ 40	12	48	62	M12X1.25	24	12	24
Φ 50 、 63	16	64	83	M16X1.5	32	16	32
Φ 80 、 100	20	80	105	M20X1.5	40	20	40

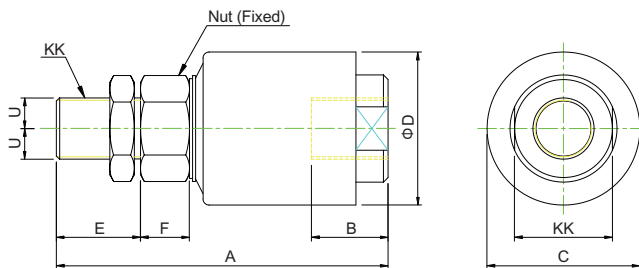
S Oscillating eye / Accessories



Dimensional Talbe

Mark Bore	B	C	D	E	F	G	J	K	S
Φ 32	10.5	14	10	28	43	57	20	M10x1.25	17
Φ 40	12	16	12	30	50	65	24	M12x1.25	19
Φ 50 、 63	15	21	16	38	64	83	33	M16x1.5	22
Φ 80 、 100	18	25	20	46	77	100	40	M20x1.5	30

F Compensating joint / Accessories



Dimensional Talbe

Mark Bore	A	B	C	D	E	F	KK	U
Φ 32	54	13	24	25.5	12.5	8	M10x1.25	1
Φ 40	71	17	29	31	16	10	M12x1.25	1.15
Φ 50 、 63	88	21	27	38	24	13	M16x1.5	1.65
Φ 80 、 100	105	25	32	50	27.5	16	M20x1.5	2.15