

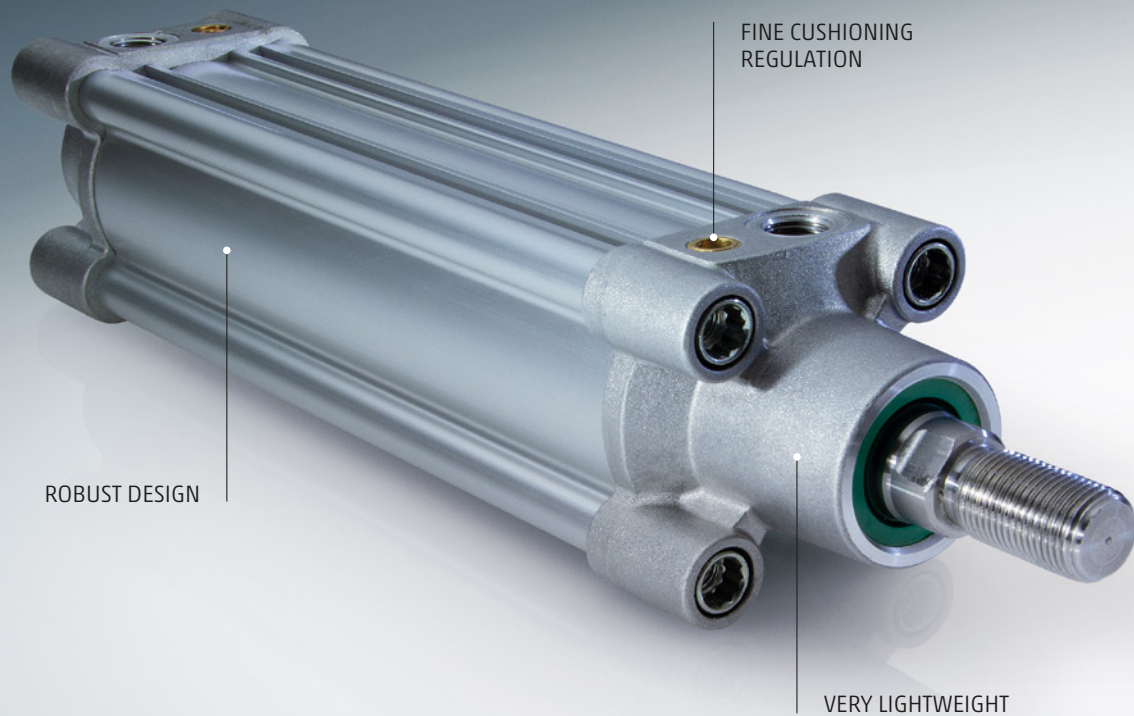
**SERIES 63**  
**ISO 15552 CYLINDER**



# SERIES 63

## HIGH VERSATILITY

## LOW NOISE



The Series 63 pneumatic cylinders have been developed to guarantee high performance and versatility.

Thanks to a new system of adjustable pneumatic cushioning, the cylinders can always guarantee the best regulation whilst significantly reducing noise caused by the impact of the piston on the end block.

Besides the standard version, which can be used in many sectors, specific solutions have been developed for applications such as food processing, agriculture, in tensioning, dosing systems and dancer arms for winding applications. There are also versions for demanding application environments, capable of withstanding extreme temperatures, corrosive atmospheres etc.

### VERSIONS

- Low friction
- Uniform movement (low speed)
- High and low temperatures
- Corrosion-resistant
- Hydrolytic environment
- Food and beverage
- Lube-free operation
- Dirty and dusty environments
- Protective bellows
- Back to back
- Tandem and multi-position versions
- Rod rod
- Polyurethane coating
- ATEX

## Application oriented



## BENEFITS



In compliance with the ISO 15552 standard



Weight reduced by 25%



Low noise



More accurate with fine regulation of cushioning



Flexibility and versatility

## General data

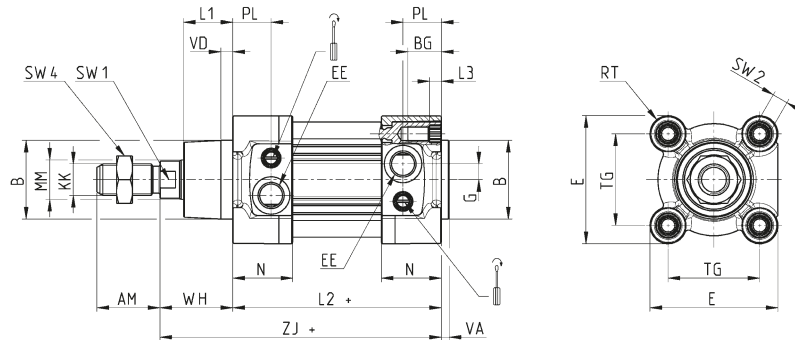
<b>Type of construction</b>	profile (with screws) and round tube (with tie-rods)
<b>Design</b>	ISO 15552
<b>Operation</b>	single and double-acting
<b>Type of mounting</b>	with front / rear flange, foot mounting, with front / rear / centre / swivel trunnion
<b>Stroke min - max</b>	10 ÷ 2500 mm
<b>Operating temperature</b>	standard and low friction: 0°C ÷ 80°C (with dry air -20°C) high temperatures (version W): 0°C ÷ 150°C (with dry air -20°C) low temperatures (version Z): -40°C ÷ 60°C (with dry air -40°C) low temperatures (version Y): -50°C ÷ 60°C (with dry air -50°C)
<b>Storage temperature</b>	0°C ÷ 80°C (with dry air -20°C)
<b>Operating pressure</b>	1 ÷ 10 bar (standard, high and low temperatures); 0.1 ÷ 10 bar (low friction)
<b>Speed</b>	10 ÷ 1000 mm/sec, no load (standard, high and low temperatures) 5 ÷ 1000 mm/sec, no load (low friction and uniform movement)
<b>Fluid</b>	filtered air in class 7.8.4, according to ISO 8573-1. If lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted
<b>Use with sensors</b>	model CSH

## Coding example

<b>63</b>	<b>M</b>	<b>P</b>	<b>2</b>	<b>C</b>	<b>050</b>	<b>A</b>	<b>0200</b>	<b>W</b>				
<b>63</b>	SERIES											
<b>M</b>	VERSION: M = standard, magnetic V = uniform movement (no stick slip), magnetic L = low friction, magnetic											
<b>P</b>	CONSTRUCTION: T = round tube - P = profile											
<b>2</b>	OPERATION: 1 = single-acting, front spring 2 = double-acting 6 = double-acting, through-rod						7 = single-acting, through-rod 9 = single-acting, rear spring					
<b>C</b>	CUSHIONING: N = no cushioning (mechanical endstops) C = cushioning on both sides						F = front cushioning R = rear cushioning					
<b>050</b>	BORE: 032 = 32 mm - 040 = 40 mm - 050 = 50 mm - 063 = 63 mm - 080 = 80 mm - 100 = 100 mm - 125 = 125 mm											
<b>A</b>	CONSTRUCTIVE TYPE: A = standard with rod nut RL = cylinder with rod lock DC = back to back cylinder with DC accessory [X1/X2] TR = back to back cylinder for round tube [X1/X2] F = cylinder with centre trunnion											
<b>0200</b>	STROKE: = standard N = tandem / = more positions X1/X2 [X1<X2]											
<b>W</b>	TEMPERATURE RANGE: = standard (-20°/+80°) W = high temperatures (150°C) Z = low temperatures (-40°C) Y = low temperatures (-50°C)											
	RESISTANCE TO CORROSION: = standard C1 = rod nut AISI 304 stainless steel, rod AISI 304 stainless steel C2 = treated end-block screws (profile) or AISI 303 tie-rods and AISI 420B tie-rods (round tube)						C3 = C2 + AISI 316 rod nut, AISI 316 rod C4 = C1 + C2 C5 = C3 + end caps with triple protection					
	ROD VARIATION: = standard (male rod thread) F = female rod caps K = end blocks with Kanigen treatment L = without rod seal (rear air inlet only) V = FKM rod seal R = NBR rod seal U = unlubricated operation						H = hydrolytic environment A = use in food and other frequent washdown applications G = dry and dusty environments (with brass rod scraper and chrome-plated stainless steel AISI 420B rod) B = cylinder with NBR bellow rod protection B2 = cylinder with through rod and NBR bellow rod protection on both sides (__ __) = extended rod __ __ mm					
	OTHER: P = cylinder with RAL 7035 polyurethane coating											
	CERTIFICATIONS: EX = ATEX											

## Series 63 cylinders - profile, double-acting

Versions: 63MP2... and 63LP2...

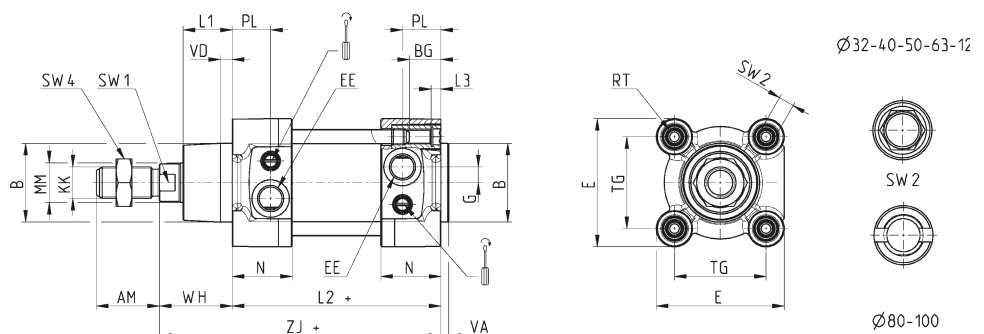


+ = add the stroke

DIMENSIONS																									
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke		
32	12	M10x1.25	30	18.5	18	22	4	G1/8	26	94	5.5	120	5	27	16	M6	5	32.5	47	10	6	17	17		
40	16	M12x1.25	35	19	21	24	4	G1/4	30	105	5.5	135	5	30	16	M6	5	38	55	13	6	19	18		
50	20	M16x1.5	40	19.5	25	32	4	G1/4	37	106	6	143	6	30.5	16	M8	8	46.5	65	17	8	24	20		
63	20	M16x1.5	45	24	26	32	4	G3/8	37	121	6	158	6	37.5	16	M8	8	56.5	75	17	8	24	22		
80	25	M20x1.5	45	23.5	30	40	4	G3/8	46	128	0	174	7	37	19	M10	8	72	93	22	6	30	25		
100	25	M20x1.5	55	24	35	40	4	G1/2	51	138	0	189	7	39.5	19.5	M10	8	89	110	22	6	30	26		
125	32	M27x2	60	28	42	54	6	G1/2	65	160	6	225	8	44	23	M12	10.5	110	135	27	12	41	33		

## Series 63 cylinders - round tube, double-acting

Versions: 63MT2... and 63LT2...



+ = add the stroke

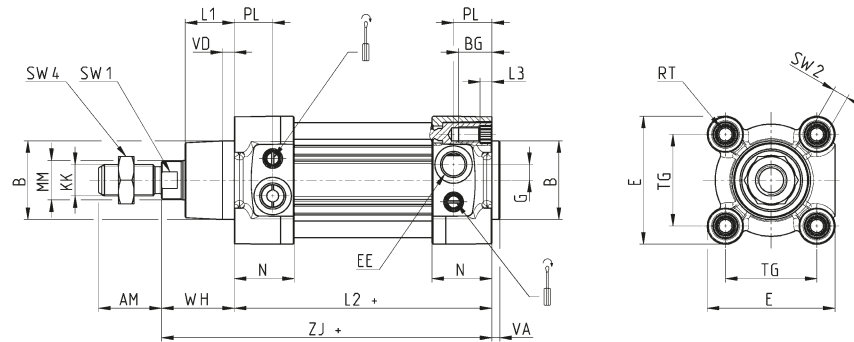
Table note:

\* = special key 80-62/8C  
(see accessories)

DIMENSIONS																									
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke		
32	12	M10x1.25	30	18.5	18	22	4	G1/8	26	94	5	120	5	27	16	M6	5	32.5	47	10	6	17	17		
40	16	M12x1.25	35	19	21	24	4	G1/4	30	105	5	135	5	30	16	M6	5	38	55	13	6	19	18		
50	20	M16x1.5	40	19.5	25	32	4	G1/4	37	106	5	143	6	30.5	16	M8	8	46.5	65	17	8	24	20		
63	20	M16x1.5	45	24	26	32	4	G3/8	37	121	5	158	6	37.5	16	M8	8	56.5	75	17	8	24	22		
80	25	M20x1.5	45	23.5	30	40	4	G3/8	46	128	0	174	7	37	19	M10	8	72	93	22	*	30	25		
100	25	M20x1.5	55	24	35	40	4	G1/2	51	138	0	189	7	39.5	19.5	M10	8	89	110	22	*	30	26		
125	32	M27x2	60	28	42	54	6	G1/2	65	160	6	225	8	44	23	M12	10.5	110	135	27	12	41	33		

## Series 63 cylinders - profile, single-acting, front spring

Versions: 63MP1... and 63LP1...

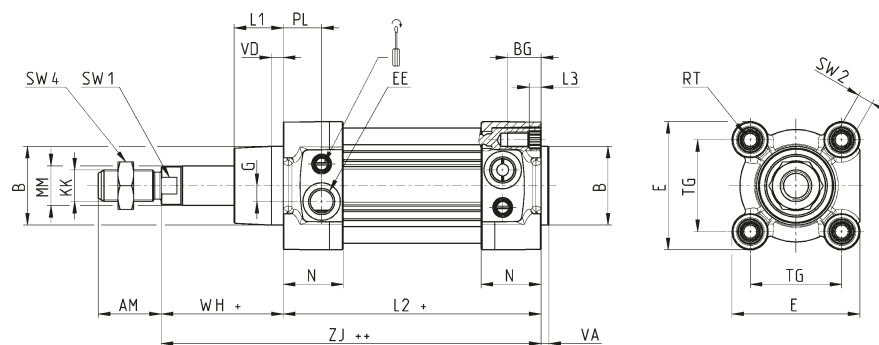


+ = add the stroke

DIMENSIONS																									
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke		
32	12	M10x1.25	30	18.5	18	22	4	G1/8	26	119	5.5	145	5	27	16	M6	5	32.5	47	10	6	17	17		
40	16	M12x1.25	35	19	21	24	4	G1/4	30	130	5.5	160	5	30	16	M6	5	38	55	13	6	19	18		
50	20	M16x1.5	40	19.5	25	32	4	G1/4	37	131	6	168	6	30.5	16	M8	8	46.5	65	17	8	24	20		
63	20	M16x1.5	45	24	26	32	4	G3/8	37	146	6	183	6	37.5	16	M8	8	56.5	75	17	8	24	22		
80	25	M20x1.5	45	23.5	30	40	4	G3/8	46	153	0	199	7	37	19	M10	8	72	93	22	6	30	25		
100	25	M20x1.5	55	24	35	40	4	G1/2	51	163	0	214	7	39.5	19.5	M10	8	89	110	22	6	30	26		
125	32	M27x2	60	28	42	54	6	G1/2	65	185	6	250	8	44	23	M12	10.5	110	135	27	12	41	33		

## Series 63 cylinders - profile, single-acting, rear spring

Versions: 63MP9... and 63LP9...



+ = add the stroke

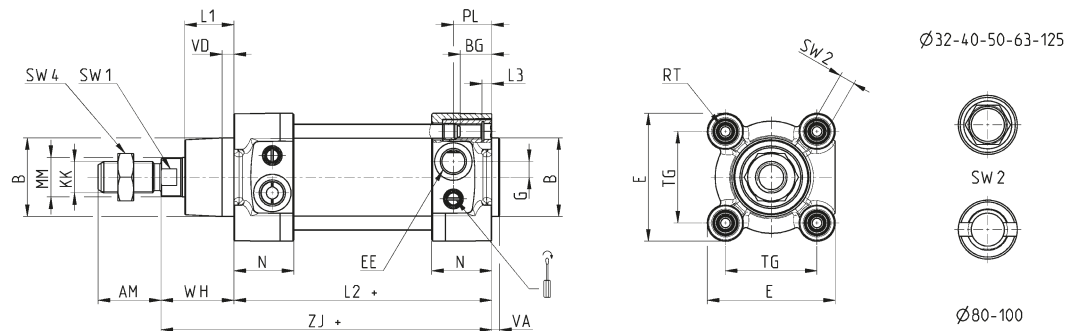
++ = add the stroke twice

DIMENSIONS																									
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke		
32	12	M10x1.25	30	18.5	18	22	4	G1/8	51	119	5.5	170	5	27	16	M6	5	32.5	47	10	6	17	17		
40	16	M12x1.25	35	19	21	24	4	G1/4	55	130	5.5	185	5	30	16	M6	5	38	55	13	6	19	18		
50	20	M16x1.5	40	19.5	25	32	4	G1/4	62	131	6	193	6	30.5	16	M8	8	46.5	65	17	8	24	20		
63	20	M16x1.5	45	24	26	32	4	G3/8	62	146	6	208	6	37.5	16	M8	8	56.5	75	17	8	24	22		
80	25	M20x1.5	45	23.5	30	40	4	G3/8	71	153	0	224	7	37	19	M10	8	72	93	22	6	30	25		
100	25	M20x1.5	55	24	35	40	4	G1/2	76	163	0	239	7	39.5	19.5	M10	8	89	110	22	6	30	26		
125	32	M27x2	60	28	42	54	6	G1/2	90	185	6	275	8	44	23	M12	10.5	110	135	27	12	41	33		



## Series 63 cylinders - round tube, single-acting, front spring

Versions: 63MT1... and 63LT1...



+ = add the stroke

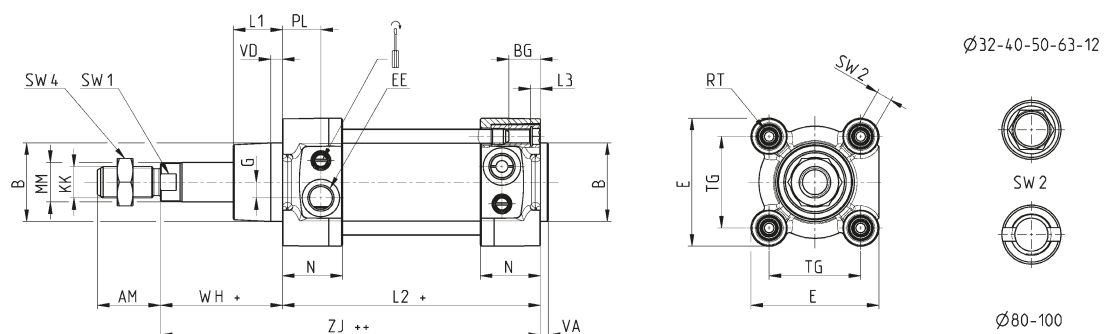
Table note:

\* = special key 80-62/8C  
(see accessories)

DIMENSIONS																							
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke
32	12	M10x1.25	30	18.5	18	22	4	G1/8	26	119	5	145	5	27	16	M6	5	32.5	47	10	6	17	17
40	16	M12x1.25	35	19	21	24	4	G1/4	30	130	5	160	5	30	16	M6	5	38	55	13	6	19	18
50	20	M16x1.5	40	19.5	25	32	4	G1/4	37	131	5	168	6	30.5	16	M8	8	46.5	65	17	8	24	20
63	20	M16x1.5	45	24	26	32	4	G3/8	37	146	5	183	6	37.5	16	M8	8	56.5	75	17	8	24	22
80	25	M20x1.5	45	23.5	30	40	4	G3/8	46	153	0	199	7	37	19	M10	8	72	93	22	*	30	25
100	25	M20x1.5	55	24	35	40	4	G1/2	51	163	0	214	7	39.5	19.5	M10	8	89	110	22	*	30	26
125	32	M27x2	60	28	42	54	6	G1/2	65	185	6	250	8	44	23	M12	10.5	110	135	27	12	41	33

## Series 63 cylinders - round tube, single-acting, rear spring

Versions: 63MT9... and 63LT9...



+ = add the stroke

Table note:

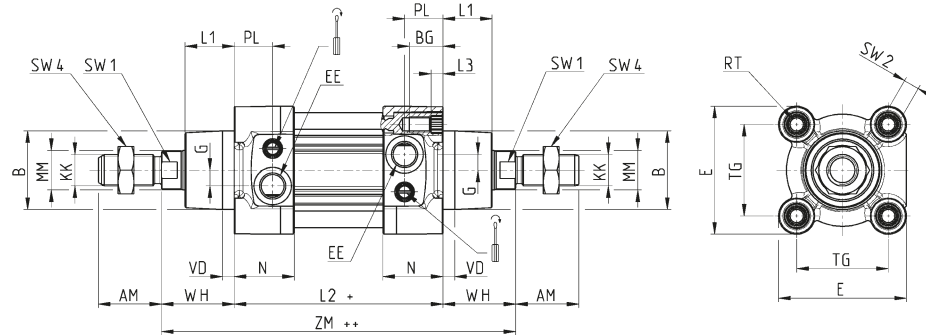
\* = special key 80-62/8C  
(see accessories)

DIMENSIONS																							
Ø	ØMM	KK	ØB	PL	L1	AM	VA	EE	WH	L2	L3	ZJ	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke
32	12	M10x1.25	30	18.5	18	22	4	G1/8	51	119	5	170	5	27	16	M6	5	32.5	47	10	6	17	17
40	16	M12x1.25	35	19	21	24	4	G1/4	55	130	5	185	5	30	16	M6	5	38	55	13	6	19	18
50	20	M16x1.5	40	19.5	25	32	4	G1/4	62	131	5	193	6	30.5	16	M8	8	46.5	65	17	8	24	20
63	20	M16x1.5	45	24	26	32	4	G3/8	62	146	5	208	6	37.5	16	M8	8	56.5	75	17	8	24	22
80	25	M20x1.5	45	23.5	30	40	4	G3/8	71	153	0	224	7	37	19	M10	8	72	93	22	*	30	25
100	25	M20x1.5	55	24	35	40	4	G1/2	76	163	0	239	7	39.5	19.5	M10	8	89	110	22	*	30	26
125	32	M27x2	60	28	42	54	6	G1/2	90	185	6	275	8	44	23	M12	10.5	110	135	27	12	41	33

## Series 63 cylinders - profile, through rod

Versions: 63MP6..., 63MP7..., 63LP6... and 63LP7...

For the single-acting cylinders, the dimensions L2 and ZM have to be increased with 25 mm



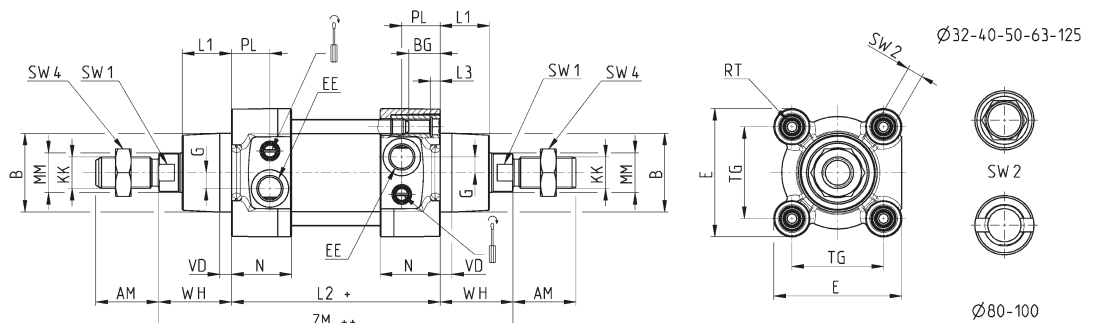
+ = add the stroke  
++ = add the stroke twice

DIMENSIONS																						
Ø	ØMM	KK	ØB	PL	L1	AM	EE	WH	L2	L3	ZM	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke
32	12	M10x1.25	30	18.5	18	22	G1/8	26	94	5.5	146	5	27	16	M6	5	32.5	47	10	6	17	17
40	16	M12x1.25	35	19	21	24	G1/4	30	105	5.5	165	5	30	16	M6	5	38	55	13	6	19	18
50	20	M16x1.5	40	19.5	25	32	G1/4	37	106	6	180	6	30.5	16	M8	8	46.5	65	17	8	24	20
63	20	M16x1.5	45	24	26	32	G3/8	37	121	6	195	6	37.5	16	M8	8	56.5	75	17	8	24	22
80	25	M20x1.5	45	23.5	30	40	G3/8	46	128	0	220	7	37	19	M10	8	72	93	22	6	30	25
100	25	M20x1.5	55	24	35	40	G1/2	51	138	0	240	7	39.5	19.5	M10	8	89	110	22	6	30	26
125	32	M27x2	60	28	42	54	G1/2	65	160	6	290	8	44	23	M12	10.5	110	135	27	12	41	33

## Series 63 cylinders - round tube, through rod

Versions: 63MT6..., 63MT7..., 63LT6... and 63LT7...

For the single-acting cylinders, the dimensions L2 and ZM have to be increased with 25 mm



+ = add the stroke  
++ = add the stroke twice

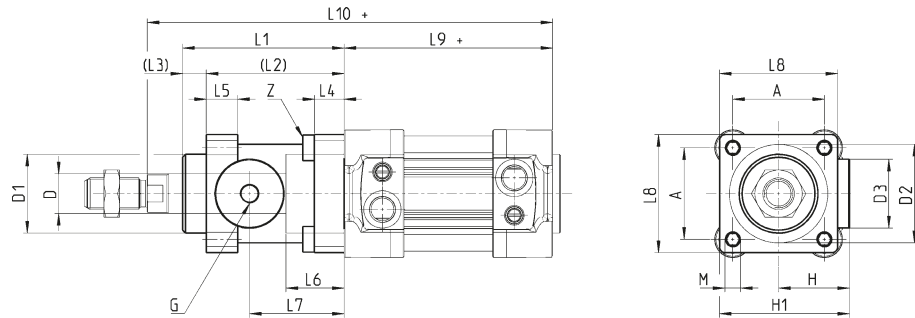
Table note:  
\* = special key 80-62/8C  
(see accessories)

DIMENSIONS																						
Ø	ØMM	KK	ØB	PL	L1	AM	EE	WH	L2	L3	ZM	VD	N	BG	RT	G	TG	E	SW1	SW2	SW4	Front/rear cushion stroke
32	12	M10x1.25	30	18.5	18	22	G1/8	26	94	5	146	5	27	16	M6	5	32.5	47	10	6	17	17
40	16	M12x1.25	35	19	21	24	G1/4	30	105	5	165	5	30	16	M6	5	38	55	13	6	19	18
50	20	M16x1.5	40	19.5	25	32	G1/4	37	106	5	180	6	30.5	16	M8	8	46.5	65	17	8	24	20
63	20	M16x1.5	45	24	26	32	G3/8	37	121	5	195	6	37.5	16	M8	8	56.5	75	17	8	24	22
80	25	M20x1.5	45	23.5	30	40	G3/8	46	128	0	220	7	37	19	M10	8	72	93	22	*	30	25
100	25	M20x1.5	55	24	35	40	G1/2	51	138	0	240	7	39.5	19.5	M10	8	89	110	22	*	30	26
125	32	M27x2	60	28	42	54	G1/2	65	160	6	290	8	44	23	M12	10.5	110	135	27	12	41	33



## Series 63 cylinders with rod lock

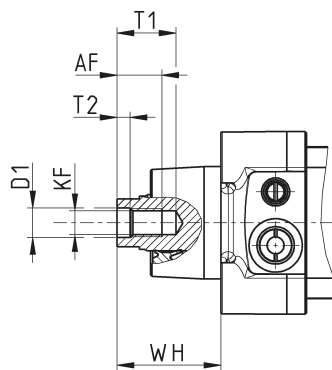
Versions: 63MT1... and 63LT1...



+ = add the stroke

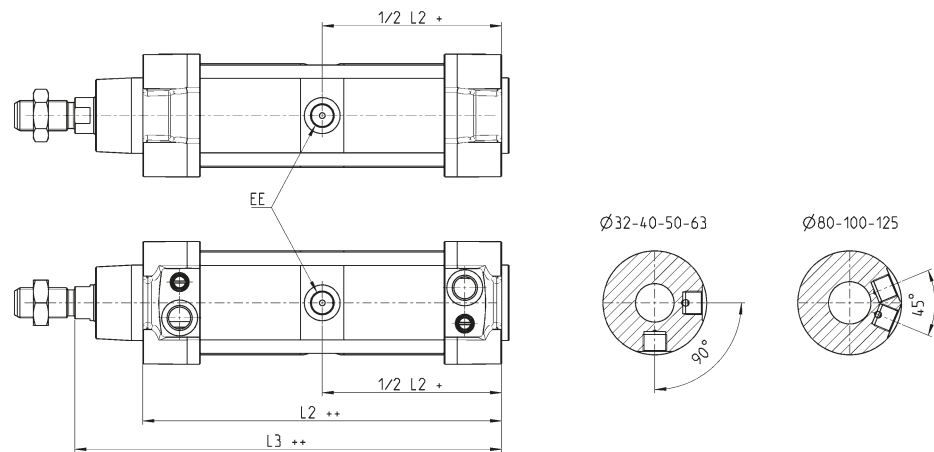
DIMENSIONS																				
∅	∅D	∅D1	∅D2	∅D3	A	G	H	H1	L1	L2	L3	L4	L5	L6	L7	L8	L9+	L10+	M	Z
32	12	30.5	35	25	32.5	M5	25.5	46.5	58	48	10	8	13	20.5	34	45	94	160	M6	M6x20
40	16	35	40	28	38	G1/8	30	53	65	55	10	8	13	22.5	38	50	105	178	M6	M6x20
50	20	40	50	35	46.5	G1/8	36	64	82	70	12	15	16	29.5	48	60	106	200	M8	M6x20
63	20	45	60	38	56.5	G1/8	40	75	82	70	12	15	16	29.5	49.5	70	121	215	M8	M8x30
80	25	45	80	48	72	G1/8	50	95	110	90	20	18	20	35	61	90	128	254	M10	M10x35
100	25	55	100	58	89	G1/8	58	110.5	115	100	15	18	20	39	69	105	138	269	M10	M10x35
125	32	60	130	65	110	G1/8	80	150	167	122	45	22	30	51	86.5	140	160	350	M12	M12x40

## Series 63 cylinders with female rod thread



DIMENSIONS							
∅	AF Min	KF	D1 ∅	T1 Max	T2	WH	
32	12	M6x1	6.4	16	2.6	26	
40	12	M8x1.25	8.4	16	3.3	30	
50	16	M10x1.5	10.5	21	4.7	37	
63	16	M10x1.5	10.5	21	4.7	37	
80	20	M12x1.75	13	26.5	6.1	46	
100	20	M12x1.75	13	26.5	6.1	54	
125	32	M16x2	17	40	8	65	

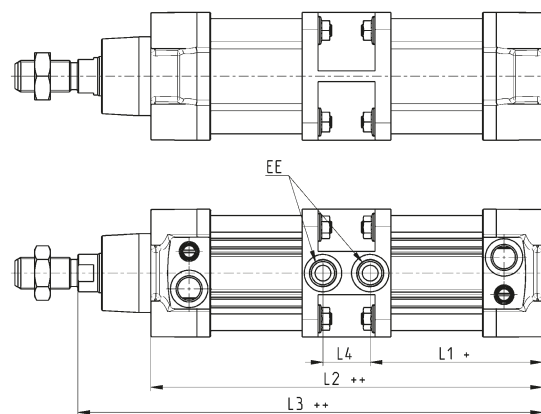
## Series 63 cylinders - round tube, tandem version



+ = add the stroke  
++ = add the stroke twice

DIMENSIONS			
Ø	EE	L2	L3
32	G1/8	171.5	197.5
40	G1/4	191.5	221.5
50	G1/4	188	225
63	G3/8	204	241
80	G3/8	225.5	271.5
100	G1/2	231	282
125	G1/2	264	329

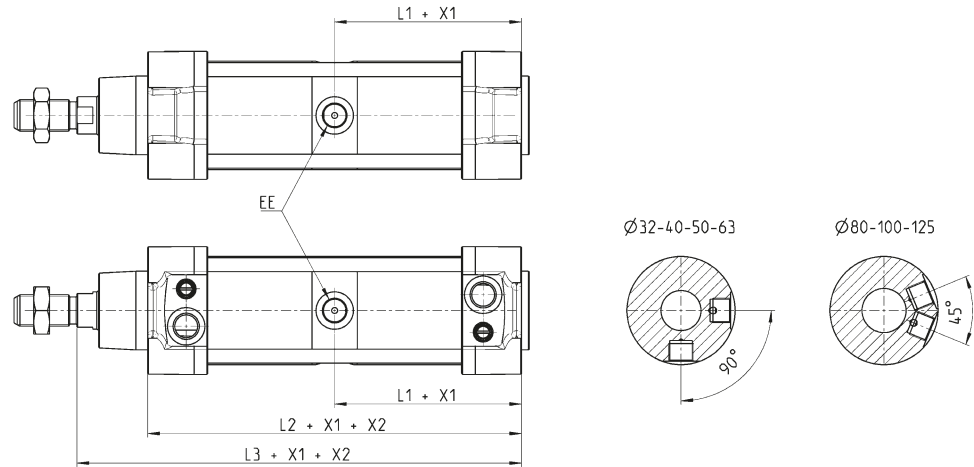
## Series 63 cylinders - profile, tandem version



+ = add the stroke  
++ = add the stroke twice

DIMENSIONS					
Ø	EE	L1	L2	L3	L4
32	G1/8	76.5	171.5	197.5	18.5
40	G1/4	88.5	200	230	23
50	G1/4	87.5	199	236	24
63	G3/8	98	223	260	27
80	G3/8	104.5	236	282	27
100	G1/2	116	260	311	28
125	G1/2	132	264	329	0

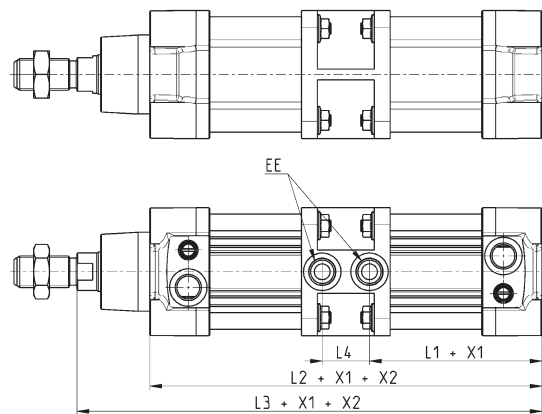
## Series 63 cylinders - round tube, multi-position version



X1 = partial stroke  
X2 = total stroke

DIMENSIONS				
Ø	EE	L1	L2	L3
32	G1/8	86	171.5	197.5
40	G1/4	96	191.5	221.5
50	G1/4	94	188	225
63	G3/8	102	204	241
80	G3/8	113	225.5	271.5
100	G1/2	115.5	231	282
125	G1/2	132	264	329

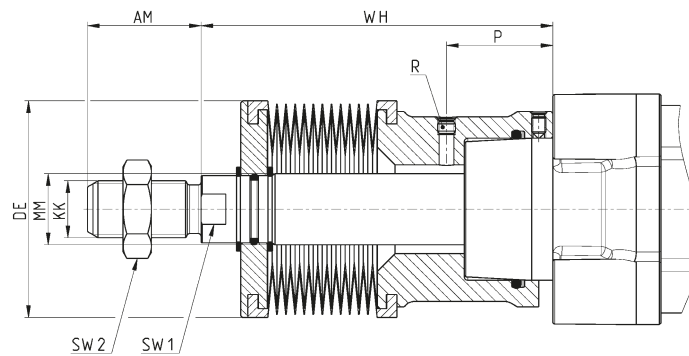
## Series 63 cylinders - profile, multi-position version



X1 = partial stroke  
X2 = total stroke

DIMENSIONS					
Ø	EE	L1	L2	L3	L4
32	G1/8	76.5	171.5	197.5	18.5
40	G1/4	88.5	200	230	23
50	G1/4	87.5	199	236	24
63	G3/8	98	223	260	27
80	G3/8	104.5	236	282	27
100	G1/2	116	260	311	28
125	G1/2	132	264	329	0

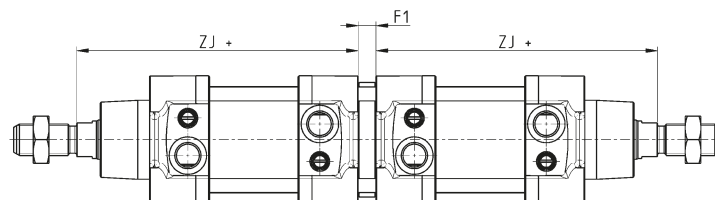
## Series 63 cylinders with protective bellow



+ = add the stroke  
++ = add the stroke twice

DIMENSIONS									
∅	Stroke	WH	AM	KK	MM	P	R	SW1	SW2
32	0÷245	88	22	M10x1.25	12	25	M5	10	17
	246÷490	132							
40	0÷245	89	24	M12x1.25	16	26	M5	13	19
	246÷490	133							
50	0÷245	99	32	M16x1.5	20	30	M5	17	24
	246÷490	143							
63	0÷245	76	32	M16x1.5	20	16.5	M5	17	24
	246÷490	120							
80	0÷285	86	40	M20x1.5	25	11.5	G1/8	22	30
	286÷570	139							
100	0÷285	86	40	M20x1.5	25	12	G1/8	22	30
	286÷570	139							
125	0÷285	108	54	M27x2	32	30	G1/8	29	41
	286÷570	161							

## Series 63 cylinders - round tube, back to back (TR)

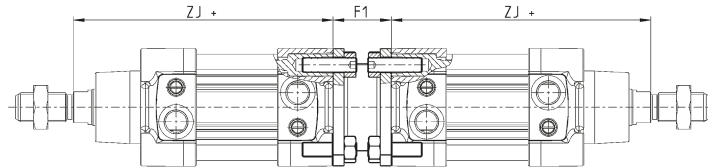


DIMENSIONS			
∅	F1	ZJ+	Max overall stroke (mm)
32	9	120	500
40	9	135	800
50	9	143	800
63	9	158	700
80	9	174	1000
100	9	189	900
125	20	225	1000

## ■ Opposed cylinder coupler Mod. DC-63



Material: Aluminium



Supplied with:  
1x flange  
8x locking screws  
8x nuts

+ = add the stroke

Mod.	∅	F1	ZJ+	weight (g)	max overall stroke (mm)	torque force
<b>DC-63-32</b>	32	27	120	130	500	5 Nm
<b>DC-63-40</b>	40	27	135	160	800	5 Nm
<b>DC-63-50</b>	50	32	143	285	800	10 Nm
<b>DC-63-63</b>	63	28	158	340	700	10 Nm
<b>DC-63-80</b>	80	38	174	670	1000	15 Nm
<b>DC-63-100</b>	100	38	189	820	900	15 Nm
<b>DC-63-125</b>	125	48	225	1300	1000	20 Nm

## Accessories

### Piston rod socket joint Mod. GY

Mod.  
GY-32  
GY-40  
GY-50-63



### Piston rod lock nut Mod. U

Mod.  
U-25-32 U-80-100  
U-40 U-41-125  
U-50-63



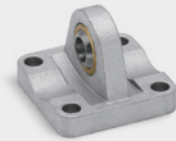
### Clevis pin Mod. S

Mod.  
S-32 S-80  
S-40 S-100  
S-50 S-125  
S-63



### Rear trunnion ball-joint Mod. R

Mod.  
R-41-32 R-41-80  
R-41-40 R-41-100  
R-41-50 R-41-125  
R-41-63



### Coupling piece Mod. GKF

Mod.  
GKF-25-32 GKF-80-100  
GKF-40 GKF-125  
GKF-50-63



### Swivel ball joint Mod. GA

Mod.  
GA-32  
GA-40  
GA-50-63  
GA-80-100  
GA-41-125

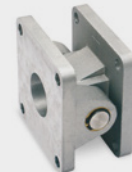


### 90° male trunnion Mod. ZC

Mod.  
ZC-32 ZC-80  
ZC-40 ZC-100  
ZC-50 ZC-125  
ZC-63

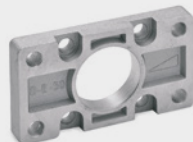


### Swivel Combination Mod. C+L+S



### Front and rear flange Mod. D-E

Mod.  
D-E-41-32 D-E-41-80  
D-E-41-40 D-E-41-100  
D-E-41-50 D-E-41-125  
D-E-41-63



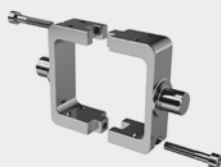
### Self aligning rod Mod. GK

Mod.  
GK-25-32 GK-80-100  
GK-40 GK-125  
GK-50-63



### Centre trunnion Mod. F-63, profile cyl.

Mod.  
F-63-32 F-63-80  
F-63-40 F-63-100  
F-63-50 F-63-125  
F-63-63



### Foot mount Mod. B-41

Mod.  
B-41-32 B-41-80  
B-41-40 B-41-100  
B-41-50 B-41-125  
B-41-63





## Front female trunnion Mod. H and C-H

Mod.

H-41-32 C-H-41-80  
H-41-40 C-H-41-100  
H-41-50 C-H-41-125  
H-60-63



## Rear female trunnion Mod. C and C-H

Mod.

C-41-32 C-H-41-63  
C-41-40 C-H-41-80  
C-41-50 C-H-41-100  
C-H-41-125



## Rod fork end Mod. G

Mod.

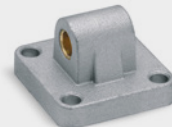
G-25-32 G-80-100  
G-40 G-41-125  
G-50-63



## Rear trunnion male Mod. L

Mod.

L-41-32 L-41-80  
L-41-40 L-41-100  
L-41-50 L-41-125  
L-41-63



## Disassemble cyl. key $\varnothing$ 80 and 100, round tube

Mod.

80-62/8C



## Counter bracket for centre trunnion Mod. BF

Mod.

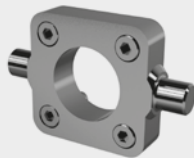
BF-32  
BF-40-50  
BF-63-80  
BF-100-125



## Front/rear spot faced trunnion Mod. FN

Mod.

FN-32 FN-80  
FN-40 FN-100  
FN-50 FN-125  
FN-63



## Opposed cylinder coupler Mod. DC-63

Mod.

DC-63-32 DC-63-80  
DC-63-40 DC-63-100  
DC-63-50 DC-63-125  
DC-63-63



## Centre trunnion Mod. F, round tube cyl.

Mod.

F-32 F-80  
F-40 F-100  
F-50 F-125  
F-63



## Contacts

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Automation

