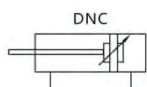




DATASHEET

Profile Cylinder ISO15552 (VDMA24562)

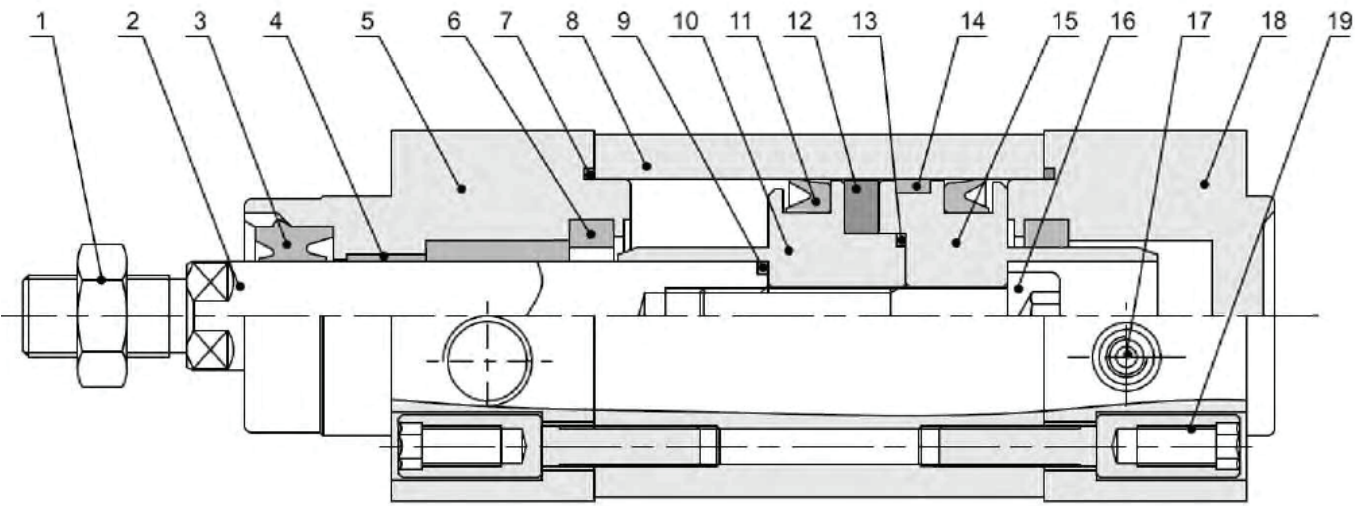
Technical data



Item No.	3594102	3594104	3594105	3594106	3594108	3594109
Model	TC-DNC40X50S	TC-DNC40X75S	TC-DNC40X100S	TC-DNC50X25S	TC-DNC50X50S	TC-DNC50X75S
Boar diameter	Ø40 mm	Ø40 mm	Ø40 mm	Ø50 mm	Ø50 mm	Ø50 mm
Strock length	50 mm	70 mm	100 mm	25 mm	50 mm	75 mm
Motion	Double acting					
Medium	Compressed air					
Working pressure	1 - 10 bar					
Operating speed	50 - 500 mm/sec					
Ambinent temperature	-10 to +70 °C					
Cushion	Adjustable cushion at both ends					
Port size	G1/4"					

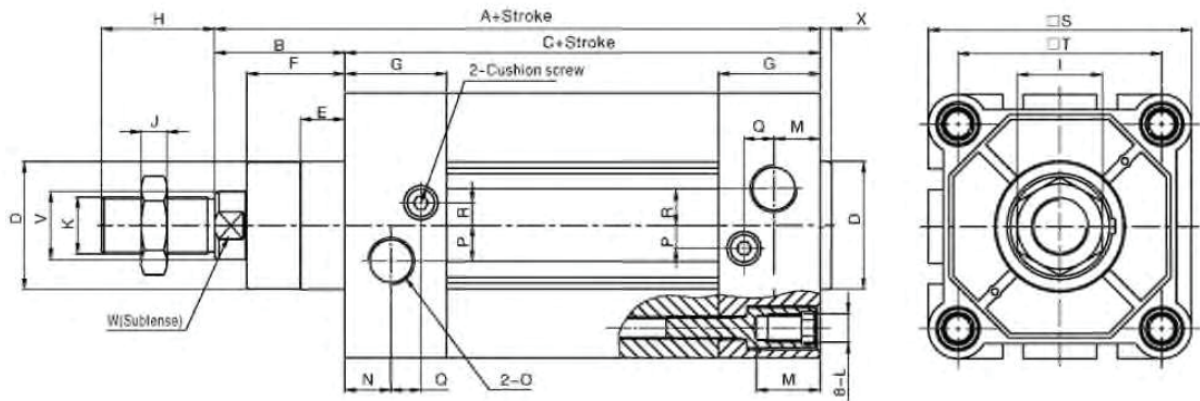
Item No.	3594110	3594111	3594112	3594113	3594114	
Model	TC-DNC63X75S	TC-DNC63X100S	TC-DNC63X150S	TC-DNC80X100S	TC-DNC80X125S	
Boar diameter	Ø63 mm	Ø63 mm	Ø63 mm	Ø80 mm	Ø80 mm	
Strock length	75 mm	100 mm	150 mm	100 mm	125 mm	
Motion	Double acting					
Medium	Compressed air					
Working pressure	1 - 10 bar					
Operating speed	50 - 500 mm/sec					
Ambinent temperature	-10 to +70 °C					
Cushion	Adjustable cushion at both ends					
Port size	G3/8"					

Construction



Component		Component	
1	Hexagonal nut	11	Y-ring
2	Piston rod	12	Magnet
3	EU Dustproof sealing ring	13	O-ring
4	Composite bearing	14	Wearing ring
5	Front cover	15	Piston
6	Buffer sealing ring	16	Hexagon socket cap screws
7	D-ring	17	Buffer adjusting screw
8	Cylinder barrel	18	Rear cover
9	O-ring	19	End cover screw
10	Piston-magnet seat		

Dimensions

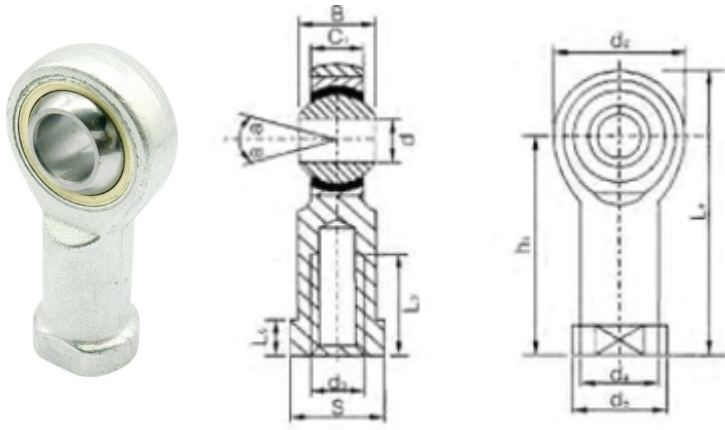


Dimensions in mm

Bore/Symbol	A	B	C	D	E	F	G	H	I	J	K	L
40	135	30	105	35	10	21.5	30	24	17	7	M12×1.25	M6
50	143	37	106	40	12	28	29.5	32	23	8	M16x1.5	M8
63	158	37	121	45	12	28.5	35.5	32	23	8	M16x1.5	M8
80	174	46	128	45	16	34.5	36	40	26	10	M20x1.5	M10

Bore/Symbol	M	N	O	P	Q	R	S	T	V	W	X	
40	16	14	G1/4"	6	3	6	54	38	16	13	4	
50	17	14	G1/4"	9	5	8	65	46.5	20	17	4	
63	17	17	G3/8"	11	6	10	74	56.5	20	17	4	
80	17	17	G3/8"	12	10	10	93	72	25	22	4	

Accessory - Fish eye joint

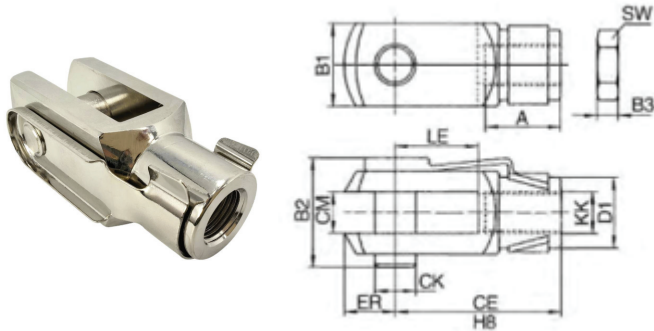


Item No.	3594115	3594116	3594117
Model	TC-U-M12x1.25	TC-U-M16x1.5	TC-U-M20x1.5
Suitable for cylinders with item no	3594102 3594104 3594105	3594106 3594108 3594109 3594110 3594111 3594112	3594113 3594114

Dimensions in mm

Item no	Threaded joint (M)	d	d2	d5	S	B	L5	C1	h1	L3	d4	L4
3594115	M12x1.25	12	32	22	19	16	6.5	12	50	22	17.5	66
3594116	M16x1.5	16	40	27	22	21	8	15	64	28	22	84
3594117	M20x1.5	20	50	34	30	25	10	18	77	33	27.5	102

Accessory - SG Type Y Joint



Item No.	3594118	3594119	3594120
Model	TC-SG-M12x1.25	TC-SG-M16x1.5	TC-SG-M20x1.5
Suitable for cylinders with item no	3594102 3594104 3594105	3594106 3594108 3594109 3594110 3594111 3594112	3594113 3594114

Dimensions in mm

Item no	Threaded joint (M)	A	B1	B2	B3	CE/H8	CK	CM	D1	ER	LE	SW
3594118	M12x1.25	24	24	31	6	48	12	12	12	14	24	19
3594119	M16x1.5	32	32	39	8	64	16	16	16	19	32	24
3594120	M20x1.5	40	40	53	10	80	20	20	20	25	40	30