

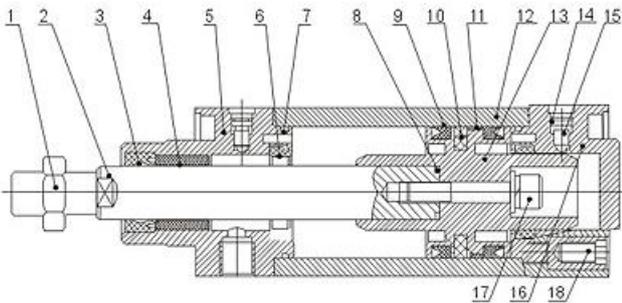
DNC Series ISO6431 Standard Cylinder



Ordering Code

□	—	DNC	—	63	—	50	—	25	—	S	—	LB
Tube Type		Series Code		Cylinder Bore		Stroke		Adjust Stroke		Magnet Code		Fixed Type
Blank: Square Type T: Tie-rod Type M: Micky Mouse Type		DNC: ISO6431 Standard Double Action Type DNCD: ISO6431 Standard Two Axis Double Action Type DNCI: ISO6431 Two Axis Stroke Adjust Type						25:25mm 50:50mm 75:75mm		Blank: Without Magnete S: With Mange		Blank: Normal type LB: front and back fixed type FA: front cover fixed type (Front flange type) FB: back cover fixed type (Back flange type) CA: back cover fixed type (Single Earring) CB: back cover fixed type (Double Earring)

Internal structure



NO	Designation	NO	Designation
1	Piston Rod Nut	2	Piston Rod
3	Front Cover Seal Ring	4	Bearing
5	Front Cover	6	Buffering O-Ring
7	O-Ring	8	Piston rod O-Ring
9	Piston O-Ring	10	Magnet (Optional)
11	Wear Ring	12	Barrel
13	Piston	14	Cushion Seal
15	Cushion Needle	16	Back Over
17	Hex Socket Screw	18	Profile Bolt

Specification

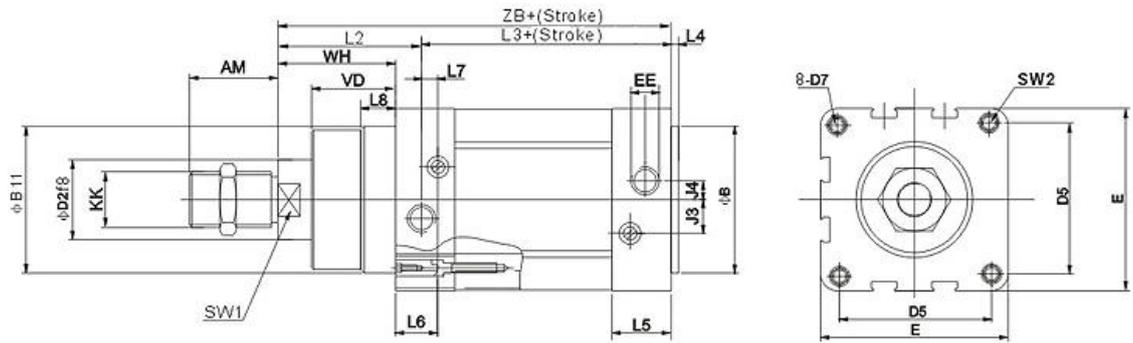
Bore(mm)	32	40	50	63	80	100	125
Motion Pattern	Filtered Air						
Working Medium	Double Action						
Compression Pressure	1.5MPa						
Max. Operating Pressure	1.0MPa						
Min. Operating Pressure	0.1MPa						
Buffer	Air Buffer (Standard)						
Condition Temperature	-5~70°C						
Operating Speed	50~800mm/s						
Port Size	G1/8"	G1/4"	G3/8"	G1/2"			

Stroke

Bore	Standard Stroke	Buffer Stroke	Stroke Range
32			
40		20	
50	25 40 50 80		
63	100 125 160	22	10~2000
80	200 250 320		
100	400 500	32	
125		35	

Overall Dimensions

Normal Type DNC-S

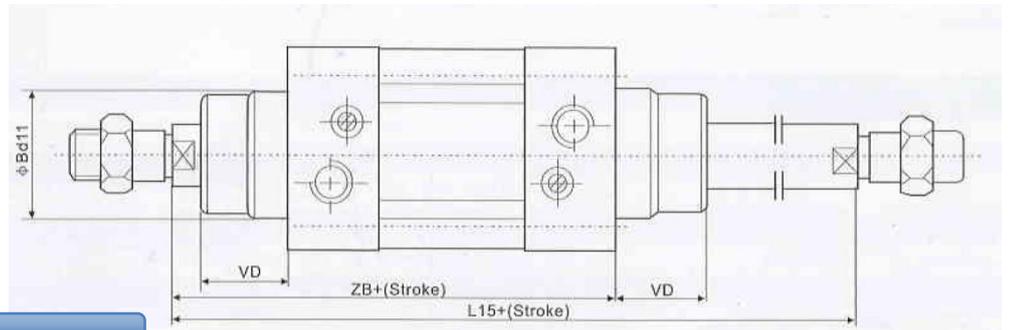


Dimension Sheet

Bore	AM	B	D2	D5	D7	E	EE(G)	J3	J4	KK	L2	L3	L4	L5	L6	L7	L8	SW1	SW2	VD	WH	ZB
32	22	30	12	32.5	M6	45	1/8	6	5.2	M10×1.25	41.6	62.8	4	26	16	3.3	10	10	6	18	26	120
40	24	35	16	38	M6	54	1/4	8	6	M12×1.25	44	77	4	29.6	16	3.6	10.5	13	6	21.5	30	135
50	32	40	20	46.5	M8	64	1/4	10	8.5	M16×1.5	51	78	4	30	17	5.1	11.5	17	8	28	37	143
63	32	45	20	56.5	M8	75	3/8	12.4	10	M16×1.5	54	87	4	35.6	17	6.6	15	17	8	28.5	37	158
80	40	45	25	72	M10	93	3/8	12.5	8	M20×1.5	62.4	95.2	4	35.9	17	10.5	15.7	22	10	34.7	46	174
100	40	55	25	89	M10	110	1/2	11.8	10	M20×1.5	69.8	100.4	4	38	17	8	19.2	22	10	38.2	51	189
125	54	60	32	110	M12	134	1/2	13	8	M27×2	83	124	6	44.7	22	14	20.5	27	12	46	65	225

Overall Dimension

Double Piston Rod Type DNC-D-S



Dimension Sheet

Bore	32	40	50	63	80	100
B	30	335	40	45	45	55
L15	46	165	180	195	220	240
VD	15	20	27	27	34.7	38.2
ZB	120	135	143	158	174	189



MODEL	PRICE
DNC 32X50-S	\$77.60
DNC 32X100-S	\$101.00
DNC 50X100-S	\$135.44