Pneumatic Cylinder

ISO15552 SERIES DNC

Pneumatic Cylinder

ISO15552 standard cylinder

Bore 32 - 125mm

Stroke 25- 1000 mm

SENYA SOLENOID

Features

- ISO15552 standard cylinder wide use in automatic industry. The standard size can fit in many install space
- Special design in air cushion to reduce buffering and increasing product life.
- TPU cushion has excellent material characteristics, and it can withstand high frequency action.
- Internal wall adopts special processing technology with the only 3-5 μm thickness of an anti-wear coating, providing little attrition friction, low start pressure and long service life.

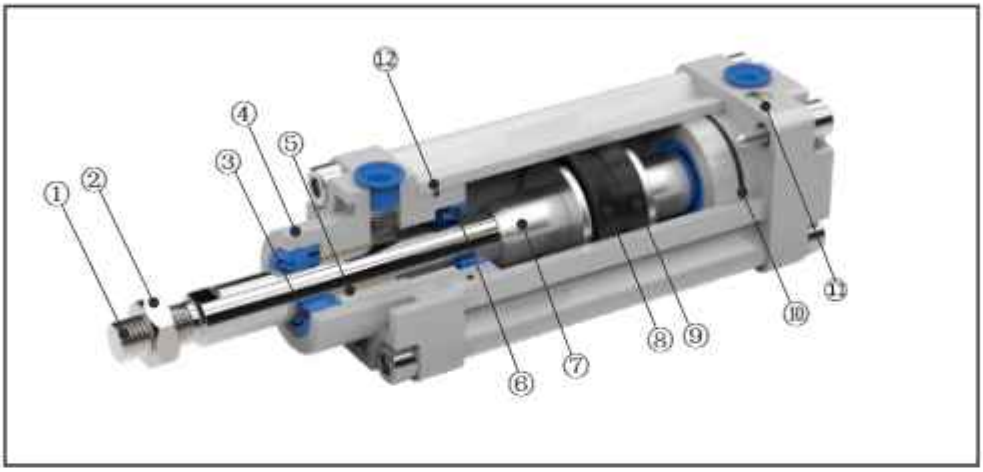
Product Information

Bore	32	40	50	63	80	100	125
Operation	Double Acting						
Working Medium	Air (to be filtered by 40 μm filter element)						
Mountings	Basic FA FB CA CB LB						
Operating Pressure	0.1 – 0.9 Mpa						
Proof Pressure	1.35 Mpa						
Operating Temperature	-20 – 70 ℃						
Operating Speed	50 – 800 mm/s						
Cushion	Adjustable Cushion						
Port Size	1/8"	1/4"		3/8"		1/2"	

Specifications

Bore	Standard Stroke																						Max. Stroke	Allowable Stroke
32	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500							1000	2000
40	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800				1200	2000
50	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000		1200	2000
63	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000		1500	2000
80	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000		1500	2000
100	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000		1500	2000
125	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000		1500	2000

Internal Structure:



No.	Comopnent Description	No.	Comopnent Description
1	Piston Rod	8	Y type seal
2	Hexagon nut	9	Magnet
3	Shaft seal	10	O-ring seal
4	Front cover	11	Cushion adjusting screw
5	Dust scraping ring	12	Square barrel
6	Anti-crash pad		
7	Piston ring		

Ordering Code

D N C / 5 0 x 5 0 - 1 0 - S - C A

Series Code
ISO 15552 standard cylinder

Series Code
- **Blank:** standard double cylinder
- **D:** double shaft double cylinder
- **J:** double-shaft with adjustable stroke

Bore Size	Stroke
32	25 - 500 mm
40	25 - 800 mm
50	25 - 1000 mm
63	25 - 1000 mm
80	25 - 1000 mm
100	25 - 1000 mm
125	25 - 1000 mm

Adjust Stroke
10
20
30
50
75
100

Magnet
- **Blank:** without magnet
- **S:** with magnet

- **Blank:** basic type
- **LB:** front and back fixed type
- **FA:** front cover fixed type (flange type)
- **FB:** back cover fixed type (flange type)
- **CA:** Back cover male clevis
- **CB:** Back cover female clevis with Pin
- **TC:** swinging type
- **TCM:** swinging type attaching seat

Ordering Example:

ISO15552 standard cylinder , 50 bore size, 50 stroke size, with magnet, and front and back fixed type
SENYA part# DNC50X50-S-LB

Pneumatic Cylinder

ISO15552 SERIES DNC

Pneumatic Cylinder

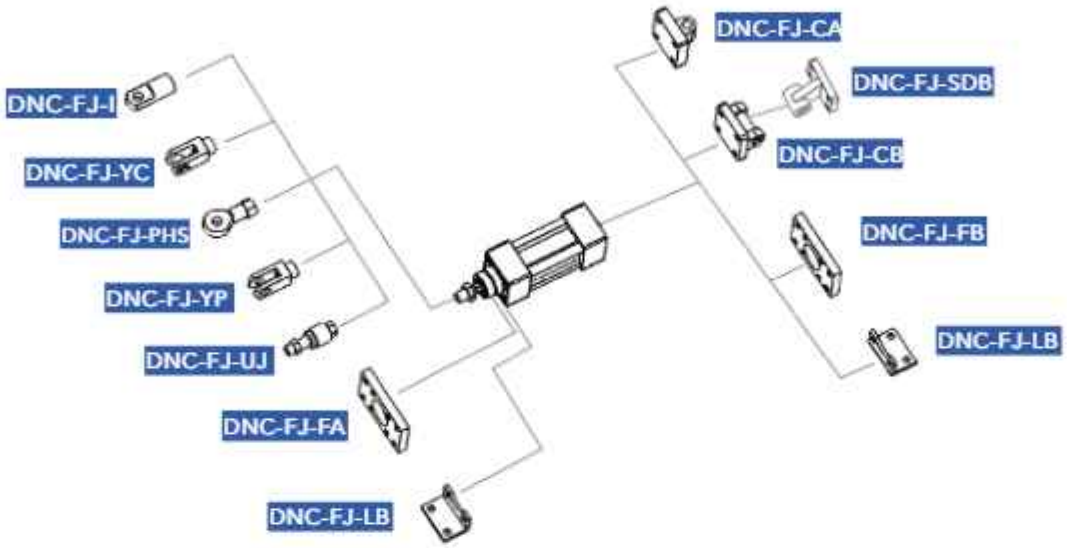
ISO15552 standard cylinder

Bore 32 - 125mm

Stroke 25- 1000 mm

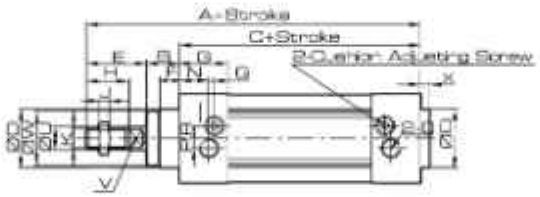
SENYA SOLENOID

Product Accessories:

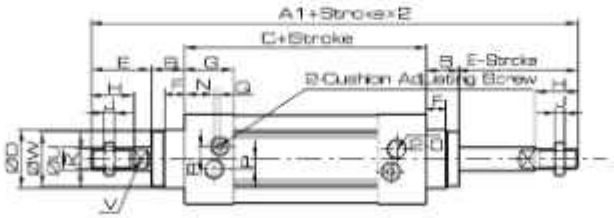


Product Dimensions :

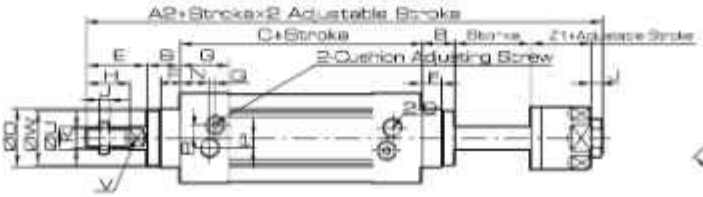
DNC:



DNCD:



DNCJ:



Dimensions Chart :

Bore	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L
32	142	190	185	16	94	30	33	10	25	22	17	6	M10x1.25	M6
40	159	213	207	20	105	35	34	10	29.5	24	17	7	M12x1.25	M6
50	175	244	233	27	106	40	42.5	10	32	32	23	8	M16x1.5	M8
63	190	258	247	26	122	45	42	10	36	32	23	8	M16x1.5	M8
80	214	301	288	35	126	45	53	10	37	40	26	10	M20x1.5	M10
100	229	321	308	40	137	55	52	10	39	40	26	10	M20x1.5	M10
125	277	394	378	46	160	60	71	10	43.5	54	40	10	M27x2	M12

Bore	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Z1
32	12	15	G1/8	5	3	6.5	45	32.5	12	10	28	4	46	59	21
40	12	17.5	G1/4	7	3	7	52	38	16	13	33	4	53.7	68.0	21
50	12	20	G1/4	7	3	9	65	46.5	20	17	38	4	65.8	84.5	23
63	12	22	G3/8	8	5	9	76	56.5	20	17	38	4	79.9	99.6	23
80	15	23	G3/8	10	5	12	94	72	25	22	43.5	5	101.8	123.8	29
100	15	26	G1/2	10	5	14	112	89	25	22	47	6	125.9	148.9	29
125	20	29	G1/2	10	5	14	134	110	32	27	53	7	156.9	179.6	41

Dimensions Chart :

Bore	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L
32	140	187	182	47	93	28	32	15	27.5	22	17	6	M10×1.25	M6
40	141	191	185	48	93	32	34	15	27.5	24	17	7	M12×1.25	M6
50	150	207	196	57	93	38	42	15	27.5	32	23	8	M16×1.5	M6
63	153	210	199	57	96	38	42	15	27.5	32	23	8	M16×1.5	M8
80	183	258	243	75	108	47	54	21	33	40	26	10	M20×1.5	M10
100	189	264	249	75	114	47	54	21	33	40	26	10	M20×1.5	M10
125	226	330	313	104	122	55	70	34	33	54	40	10	M27×2	M12

Bore	M	N	O	P	Q	R	S	T	V	W	Z
32	9.5	13.5	G1/8	3.5	7.5	7	45	33	12	10	21
40	9.5	1.5	G1/4	6	8.2	9	50	37	16	14	21
50	9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17	23
63	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17	23
80	11.5	16.5	G3/8	10	9.5	14	94	70	25	22	29
100	11.5	16.5	G1/2	11	9.5	14	112	84	25	22	29
125	15.5	16.5	G1/2	10	10	11	140	110	32	27	/