



DNC32-50

Reference models

DNC	63×50	PPV	A
Series code	Cylinder inner diameter x traveling distance	Nil: without buffer PPV: with buffer	Nil: standard A: built-in magnetic ring
DNC: Basic type			
HNC: Axial foot base			
FNC: Front and rear flange			
SNCB: double ear base			
SNCL: single ear base			

Selection of sensor switch

Inner diameter	32	40	50	63	80	100	125	160
Mode								
Sensor switch	DZ73							
Fixed base of sensor switch								

Technical specifications

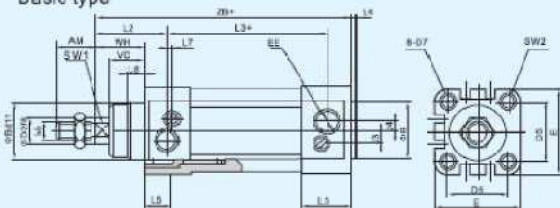
Inner diameter (mm)	32	40	50	63	80	100
Acting mode	Dual acting					
Working medium	Air (Cleaned by 40µm filter)					
Operating pressure	0.1~0.9Mpa(kgf/cm ²)					
Guaranteed withstand pressure	1.35Mpa(13.5kgf/cm ²)					
Working temperature	-5~70℃					
Buffering mode	Air buffering part (standard)					
Buffering distance (mm)	24		32			
Port size	1/8"	1/4"	3/8"		1/2"	
Body material	Aluminum alloy					

Stroke

Inner (mm)	Standard Stroke (mm)											Max. traveling distance(mm)	Permissible(traveling distance (mm))							
32	25	50	75	100	125	150	175	200	250	300	350	400	500	1000	2000					
40	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	1200	2000		
50	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1200	2000
63	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1500	2000
80	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1500	2000
100	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1500	2000
125	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1500	2000
160	25	50	75	100	125	150	175	200	250	300	350	400	500	600	700	800	900	1000	1500	2000

Outline dimensions

DNC...PPV-A
Basic type



Cylinder inner diameter (mm)	AM	E	D2	D5	D7	E	EE(G)	J3	J4	KK	L2	L3	L4	L5	L6	L7	L8	SW1	SW2	VD	WH
32	22	30	12	32.5	M6	45	11.8	6	5.2	M10×1.25	41.6	62.8	4	25.1	16	3.3	10	10	6	18	26
40	24	35	16	38	M6	54	11.4	8	6	M12×1.25	44	77	4	29.6	16	3.6	10.5	13	6	21.5	30
50	32	40	20	46.5	M8	64	11.4	10	8.5	M16×1.5	51	78	4	29.6	17	5.1	11.5	17	8	28	37
63	32	45	20	56.5	M8	75	11.8	12.4	10	M16×1.5	54	87	4	35.6	17	6.6	15	17	8	28.5	37
80	40	45	25	72	M10	93	11.8	12.5	8	M20×1.5	52.4	95.2	4	35.9	17	10.5	15.7	22	10	34.7	46
100	40	55	25	89	M10	100	11.2	11.8	10	M20×1.5	69.8	100.4	4	38.8	100	8	19.2	22	10	38.2	51