

model **DNK**

Standard model



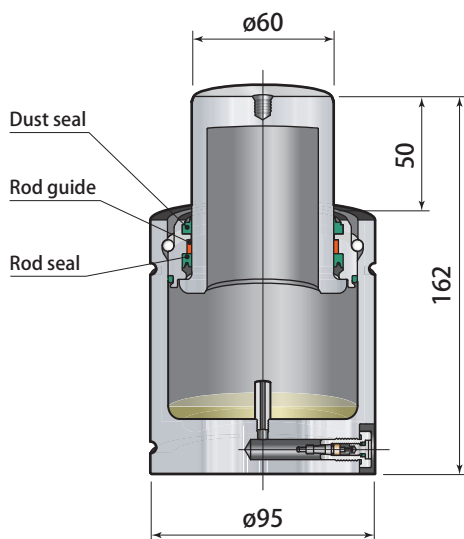
model **DNK4200-50**

model **DNR**

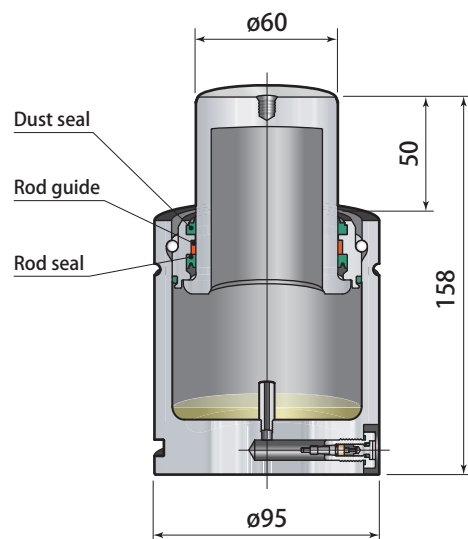
Compact body



model **DNR4200-50**



Rod seal Rod guide
Initial force **42.4 kN**



Rod seal Rod guide
Initial force **42.4 kN**

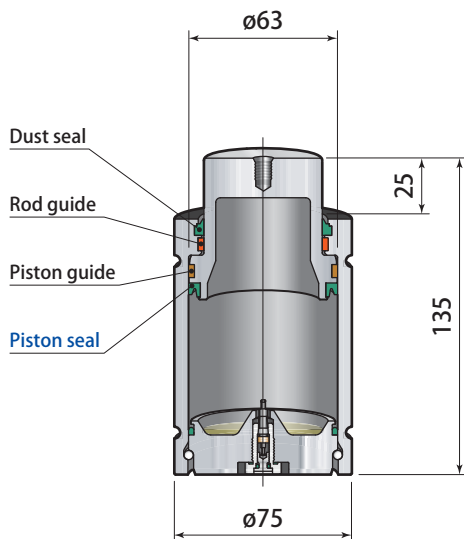
Refer to Page → 7~8 for the difference between model DNK and DNR.

model **DNP**

High power, short stroke



model **DNP4700-25**



Bore seal Piston & Rod guide

Initial force **46.8 kN**

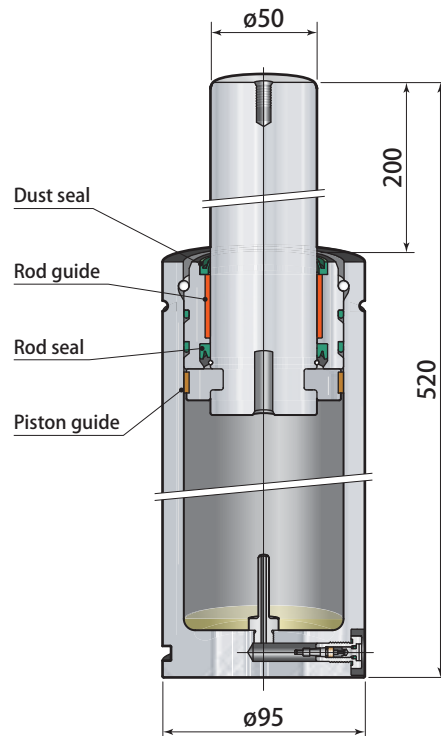
model **DNA**

Long stroke

For cam or ejector plate return



model **DNA3000-200**



Rod seal Piston & Rod guide

Initial force **29.5 kN**

Gas spring Specifications at-a-glance

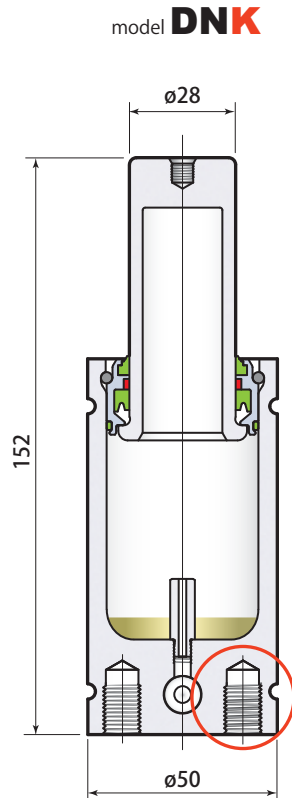
Model , Structure	Size	Cylinder diameter mm	Initial force kN					
				6	10	13	16	
				model DNK Page → 9 Standard model		0350	32	3.62
0500	38	4.71				60	66	72
0750	45	7.36					73	79
1000	50	9.24					78	84
1500	63	15.3					78	84
2400	75	23.9						91
4200	95	42.4						94
6600	120	66.3						104
9500	150	95.4						
model DNR Page → 17 Compact body		0350	32	3.62		50	56	62
		0500	38	4.71		50	56	62
		0750	45	7.36		52	58	64
		1000	50	9.24			64	70
		1500	63	15.3			70	76
		2400	75	23.9				77
		4200	95	42.4				90
		6600	120	66.3				100
		9500	150	95.4				
model DNP Page → 27 High power, short stroke		0420	25	4.71	56	70		91
		1000	38	10.6	61	78		100
		1800	50	18.8	66	80		106
		4700	75	46.8		80		106
		7500	95	75.4		90		116
		11800	120	117.8		100		126
		18300	150	184.1		110		136
model DNA Page → 35 Long stroke		0250	38	2.65				
		0500	45	4.71				
		0750	50	7.36				
		1500	75	15.3				
		3000	95	29.5				
		5000	120	49.8				

Gas spring Specifications at-a-glance

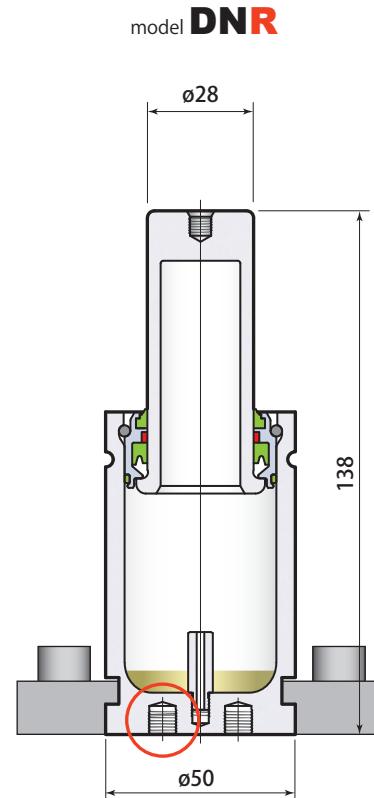
Total height mm														Piping port		
Stroke mm														Type	Page	
19	25	32	38	40	50	63 *1	75	80	100	125	160	200	250			300
78	90	104	116		140	166	190	200	240	290					M6	→ 65
78	90	104	116		140	166	190	200	240	290						
85	97	111	123		147	173	197	207	247	297					G1/8	→ 52 ~ 60
90	102	116	128		152	178	202	212	252	302						
90	102	116	128		152	178	202	212	252	302						
97	109	123	135		159	185	209	219	259	309						
100	112	126	138		162	188	212	222	262	312						
110	122	136	148		172	198	222	232	272	322						
116	128	142	154		178	204	228	238	278	328					M6	→ 65
68	80	94	106		130	156	180	190	230	280						
68	80	94	106		130	156	180	190	230	280						
70	82	96	108		132	158	182	192	232	282						
76	88	102	114		138	164	188	198	238	288						
82	94	108	120		144	170	194	204	244	294						
83	95	109	121		145	171	195	205	245	295						
96	108	122	134		158	184	208	218	258	308						
106	118	132	144		168	194	218	228	268	318						
116	128	142	154		178	204	228	238	278	328					—	
	120															
	135	167		195	230											
	135	162		190	220											
	135	167		200	240											
	145															
	155															
	165														G1/8	→ 52 ~ 60
	100				150	177		210	250							
	135				185	212		245	285	335	405					
								255	295	345	415	495	595	695		
											430	510				
											440	520				
											460	540				

* 1: model 63.5mm for model DNA

The threaded hole depth is different between model DNK and model DNR.



model **DNK1000-50**



model **DNR1000-50**

Threaded hole size at the bottom

Model	Type
DNK0350	2-M6 depth11
DNK0500	
DNK0750	2-M8 depth16
DNK1000	2-M10 depth16
DNK1500	2-M8 depth16
	4-M8 depth16
DNK2400	4-M12 depth16
DNK4200	
DNK6600	
DNK9500	

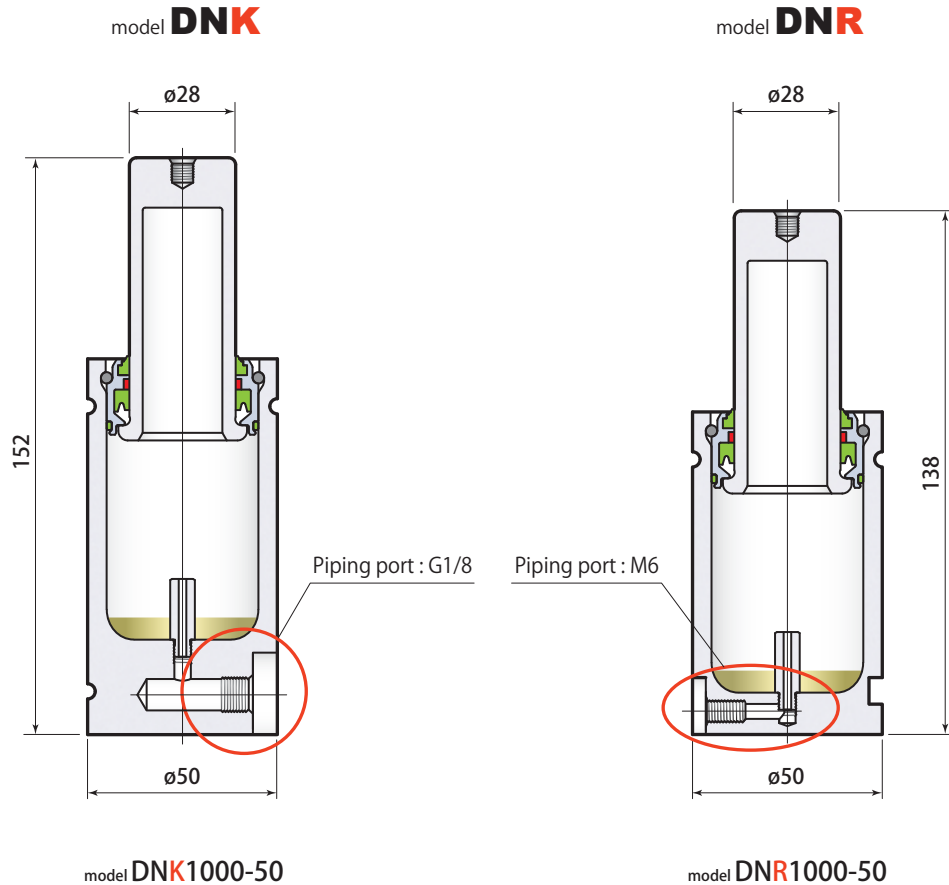
The model to be mounted with flange

Model	Type
DNR0350	2-M6 depth6
DNR0500	
DNR0750	2-M8 depth6
DNR1000	
DNR1500	
DNR2400	4-M8 depth6

The model to be mounted by screws securely

Model	Type
DNR4200	4-M8 depth13
DNR6600	4-M10 depth13
DNR9500	4-M10 depth16

The piping port size is different between model DNK and DNR.



Piping port size

Model	Type
DNK0350	M6 Thread
DNK0500	
DNK0750	
DNK1000	G1/8 Thread
DNK1500	
DNK2400	
DNK4200	
DNK6600	
DNK9500	

Piping port size

Model	Type
DNR0350	M6 Thread
DNR0500	
DNR0750	
DNR1000	
DNR1500	
DNR2400	
DNR4200	G1/8 Thread
DNR6600	
DNR9500	

- For the model DNR2400 and smaller, any interference section on the die should be removed for an adaptor. due to the thin wall at the bottom.