

# Air Brake

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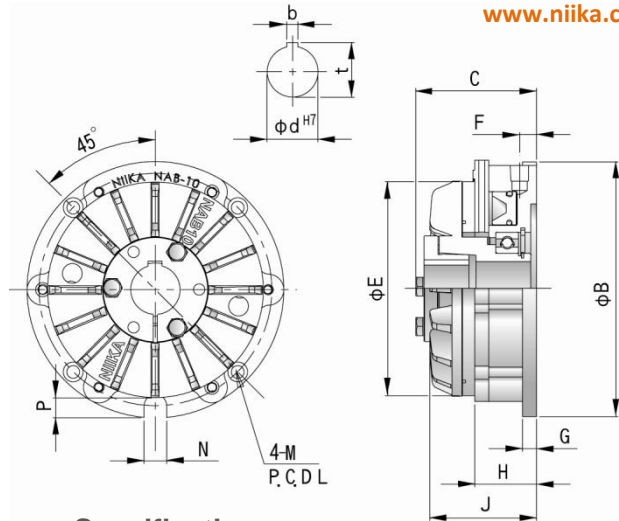
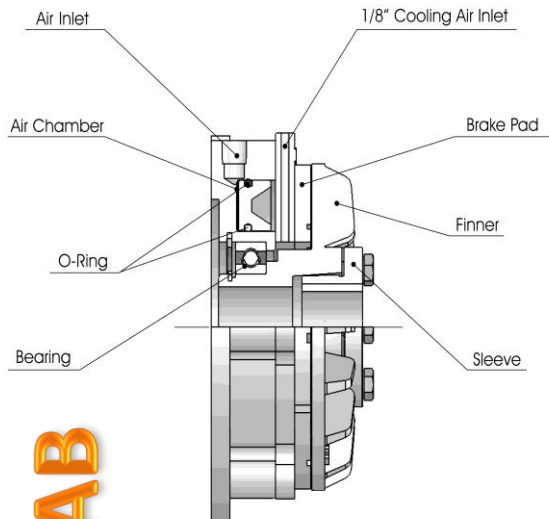
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## ● Spare Parts

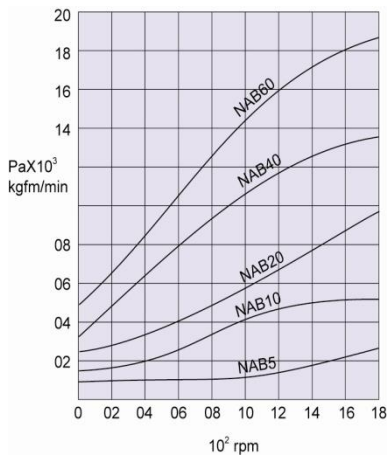


## ● Specification

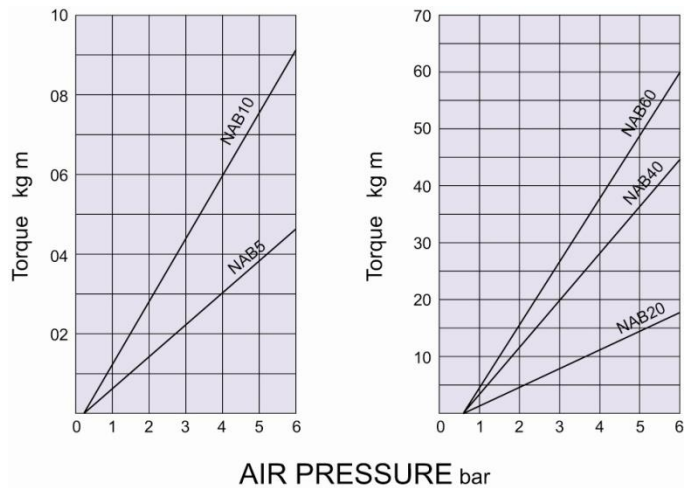
Size	B	C	D	E	F	G	H	J	K	L	M	N	P
NAB 5T	150	68	27.8	117	12	7	34.5	64	PT1/4	135	7	10	16.5
NAB 10T	182	85.5	38	153	12	10	44	77	PT1/4	165	9	16	17
NAB 20T	228	96	57	204	11	10	47	87	PT1/4	210	9	20	20
NAB 40T	302	120	83	256	18	13	58.5	114	PT1/4	278	14	22	22
NAB 65T	350	141	83	280	20	18	70	134	PT1/4	320	18	25	30

Size	NAB 5T	NAB 10T	NAB 20T	NAB 40	NAB 65T
Static Torque kgm	5	10	20	40	65
Bore Dia $\phi d_{H7}$	20 25	25 35	35 50	50 75	50 75
Keyway b x t	5X22.3 6x27.8	6x27.8 10x38.3	10x38.3 12x53	12 x 53.3 18x79.4	12x53.3 18x79.4
Unit Weight kg	4	7.5	14	32	40

## ● Heat Dissipation



## ● Torque versus Pressure



## INSTALLATION

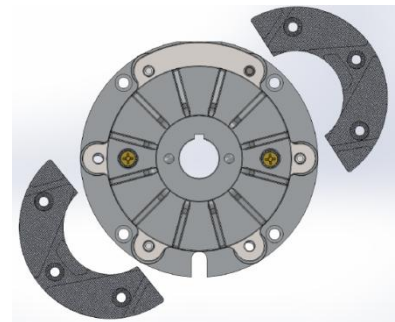
- \* Make sure to install the Brake vertically onto the surface of fixture.
- \* There are 2 types available :  
NAB-T is the one with sleeve that should be installed after fix the sleeve onto shaft.  
NAB-S is the one without sleeve, that should be installed directly onto shaft.
- \* Bore tolerance for NAB is based on H7
- \* The size of air inlet is PT 1/4". The high-pressure pipe is advised while doing the piping working.
- \* When the axle is in place, you may get it fixed with 4 screws or 2 pins.
- \* NAB can be both working with inching and tension reel device. The closer the magnet valve is installed to the air inlet of the brake, the more sensitive it is. The chosen magnet valve must consist of 1 air inlet + 1 outlet + 1 exhaust, at least.
- \* While working with inching device, the speeded exhaust valve can be installed in front of the air inlet in order to shorten the responding time. When high frequency responding, it is advised to check out the pneumatic supply, to see if it is stable.
- \* Around the brake pad, there's a 1/8" cooling air inlet. To strengthen heat sinking, you may pour air into the cooling air inlet to low down the abrasion of brake pad and prolong its using lifespan. The cooling operation should be adopted when it's working for tension control.

## MAINTENANCE

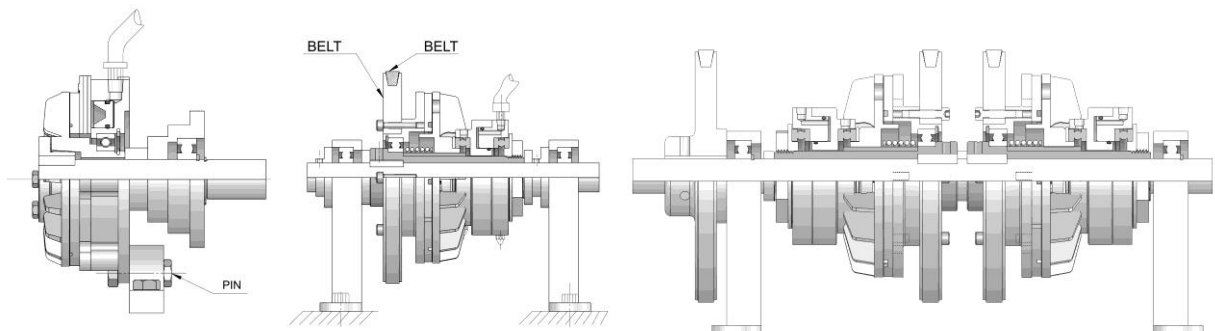
- \* It is advised to watch the gap in between brake pad and dissipating blades on a regular the usage time. The standard gap is in between 0.2~0.4mm. After the brake pad has been worn out for more than 3 or 4mm, it is advised to get ready for replacement at any time.
- \* It is better to store the brake in an adequately ventilated environment in order to facilitate of the brake as a result.

## BRAKE PAD REPLACEMENT INSTRUCTION

- \* Axle remains in place while replacing .
- \* The 2 pcs half-moon shape pad is easy to replace. Simply just unscrew the 6 pcs of screws on the brake pad from the dismantling hole on the dissipating blades.
- \* For any questions, please contact us



### ● Mounting Example



# Air Brake NAB

