

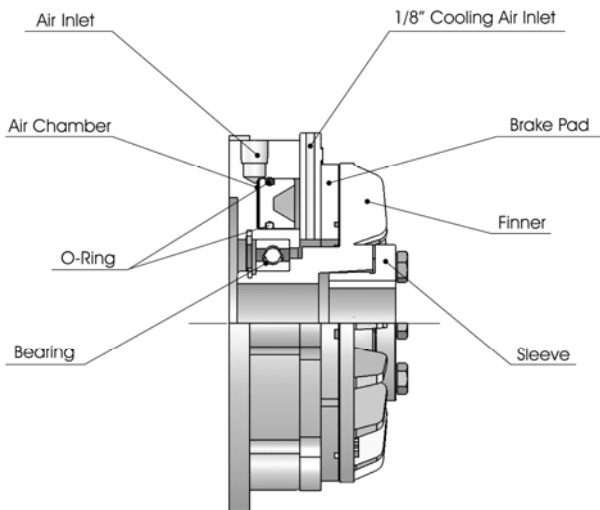
NAB pneumatic brakes are designed for dry use. The pressure supply is fed into the cylinder via a flexible tube. Positive disengagement is achieved by the use of return springs.

● Features

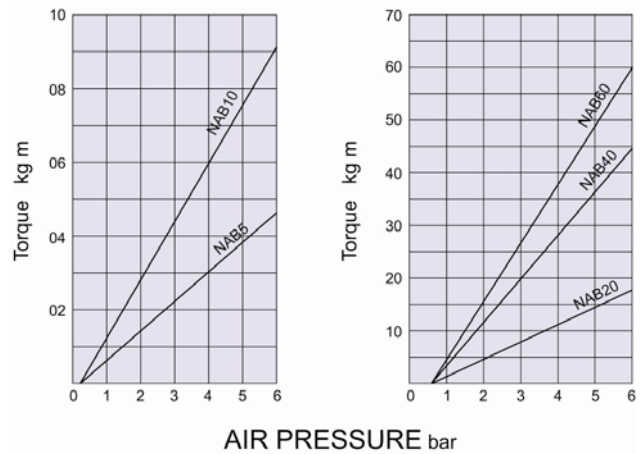
- Sealed cylinder ensures low air consumption.
- Torques can be varied by regulating the supply pressure.
- Speed of engagement can be controlled by varying the supply flow rate.
- Single friction face design virtually eliminates drag torque
- Axial thrusts are contained within the unit



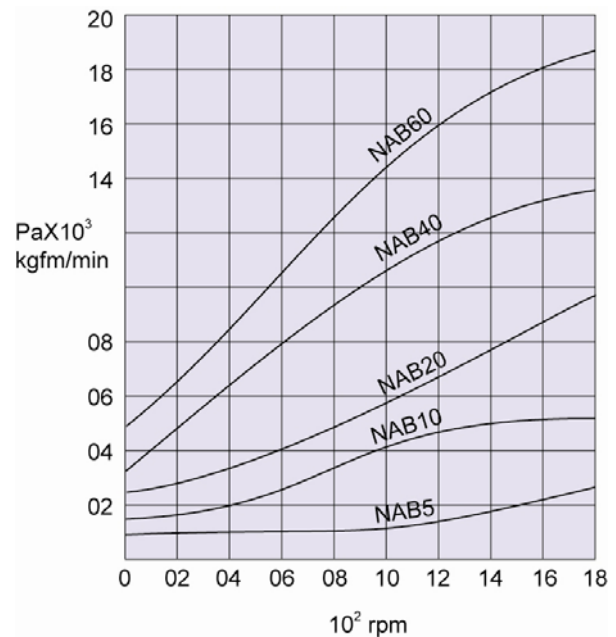
● Basic construction



● Torque versus Pressure

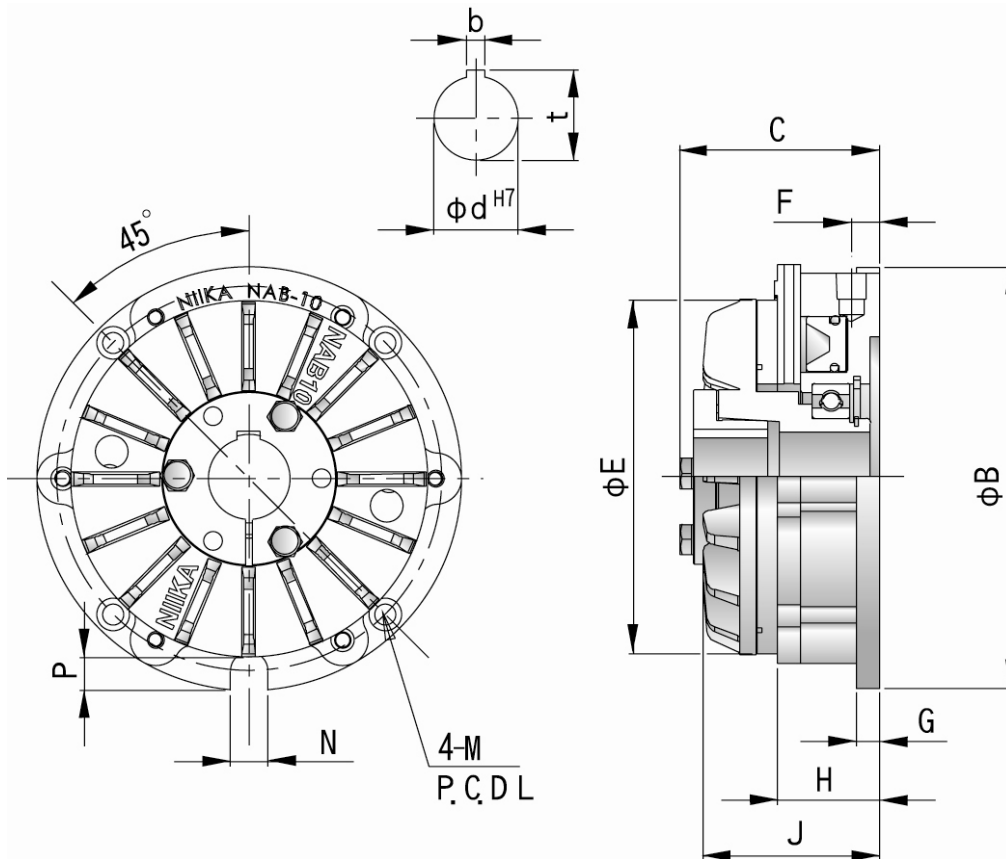


● Heat Dissipation



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

● **Approximate Dimension**

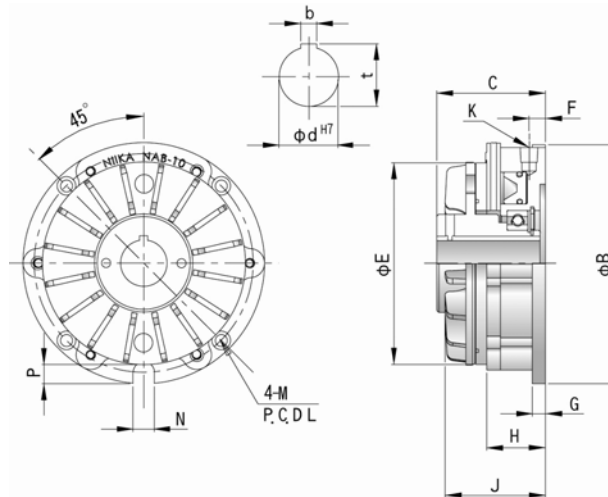


Size	B	C	D	E	F	G	H	J	K	L	M	N	P
NAB 5T	150	68	27.8	117	12	7	34.5	64	PT1/4	135	7	10	16.5
NAB 10T	182	85.5	38	153	12	10	44	77	PT1/4	165	9	16	17
NAB 20T	228	96	57	204	11	10	47	87	PT1/4	210	9	20	20
NAB 40T	302	120	83	256	18	13	58.5	114	PT1/4	278	14	22	22
NAB 65T	350	141	83	280	20	18	70	134	PT1/4	320	18	25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

NIKA Limited reserves the right to modify or change the design without prior notice.

Size	NAB 5S	NAB 10S
Static Torque kgm	5	10
Bore Dia ϕd^{H7}	25	25 35
Keyway $b \times t$	6x27.8	6x27.8 10x38.3
Unit Weight kg	4	7.5

NAB 5S-10S



Size	B	C	E	F	G	H	J	K	L	M	N	P
NAB 5S	150	65	117	12	7	34.5	64	PT1/4	135	7	10	16.5
NAB 10S	182	82	153	12	10	44	77	PT1/4	165	9	16	17

Mounting Example

