



# MISTRAL - Pneumatic Brakes

## Performance

### CHARACTERISTICS

- Pneumatically applied - spring release
- Multi-range actuators for optimum torque selection
- Standard or Low Coefficient (LC) friction pads for various torque requirements
- Single disc design
- For use in dry environment only

### UTILISATION

- End-of-shaft mounting only

### TYPICAL USES

- Continuous slipping and tension control applications

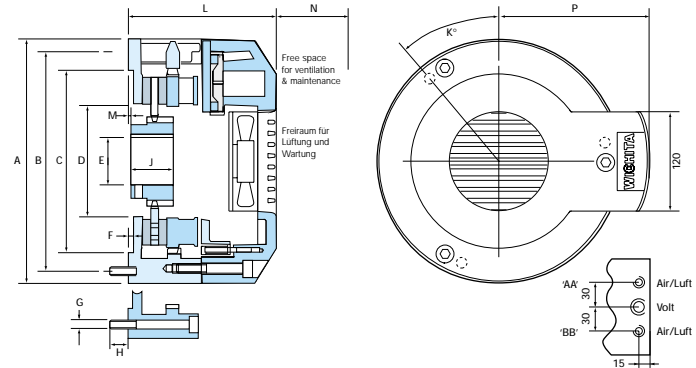
### MOUNTING PRECAUTIONS

- Outer ring of brake must be supported by machine frame
- Inner hub of brake must be supported by machine shaft
- Designed for horizontal shaft axis. Consult Wichita if vertical mounting is required

### SAFETY

- The brake has integral guarding
- Designed for 5.5 bar max air pressure

## Dimensions



Model Modell	Dynamic Slipping Torque Capacity		Heat Transfer Capacity		Max Speed	Inertia of Rotating Parts	Total Brake Weight	Rotating Parts
	@ 0.2 BAR [Nm]	@ 5.5 BAR [Nm]	Cont [kW]	30 Min On/Off [kW]	Max. Drehzahl [min <sup>-1</sup> ]	Max. Massen- tragheit [kgm <sup>2</sup> ]	Gesamt Rotierende Teile [kg]	Gewicht Rotierende Teile [kg]
200/2/LC	4	200						
200/2	5	300						
200/4/LC	4	400	2.4	2.6	2860	0.032	35	4.5
200/4	5	600						
200/6/LC	4	600						
200/6	5	900						
280/3/LC	5	285						
280/3	6	430						
280/6/LC	5	570	4.8	5.2	2090	0.076	50	9.4
280/6	6	860						
280/9/LC	5	860						
280/9	6	1290						

Model/Modell	A	B	C	D	E	F	G	H	J	K	L	M	N	P	
200	295	260	220	H7	—	60	6	3xM12	25	50	40	178	0	70	182.5
280	410	355	—	175	H7	65	0	3xM16	30	60	20	192	9.5	80	240.5

Model Modell	Fan Voltages Lufterspannung	Fan Power Lufterleistung	Electric Elektrisch	Pneumatic Pneumatische	Actuator/Inlet Elemente/Anschluss	'AA'	'BB'
200	220VAC or/oder	20 W	M16	1/8 BSP	200/2	2	0
	110VAC or/oder		PG9 or/oder	1/8 BSP	200/4	2	2
	24VDC		3/8 NPT or/oder	1/8 NPT	200/6	2	4
280	220VAC or/oder	25 W	M16	1/8 BSP	280/3	3	0
	110VAC or/oder		PG9 or/oder	1/8 BSP	280/6	3	3
	24VDC		3/8 NPT	1/8 NPT	280/9	3	6