

turborex

PATENTED PNEUMATIC BRAKE



PATENTED TENSION BRAKE WITH MULTIDISC SYSTEM AND DOUBLE FAN VENTILATION

The Turborex, pioneer of eco-friendly brakes improves the unwinding efficiency while ensuring the highest performance and the least maintenance requirements for spare parts.

Thanks to double-fan ventilation, the brake reaches lower and more uniform temperatures, even in the most demanding applications.

This prevents brake components from overheating, avoids flickering during tensioning, and allows more contained and homogeneous pad wear, as well as less powder pollution.

Turborex can fit any applications thanks to its high versatility that ensures the maximum sensitivity.

HIGH POWER DISSIPATION

up to 14 kW

MAXIMUM SENSITIVITY

the piston configuration can be customized according to torque requirements

100% PLUG AND PLAY

multiple air connections; turborex matches all existing control systems

REDUCED MAINTENANCE

discs and pads kit specially designed to last

LINEAR TENSION CONTROL

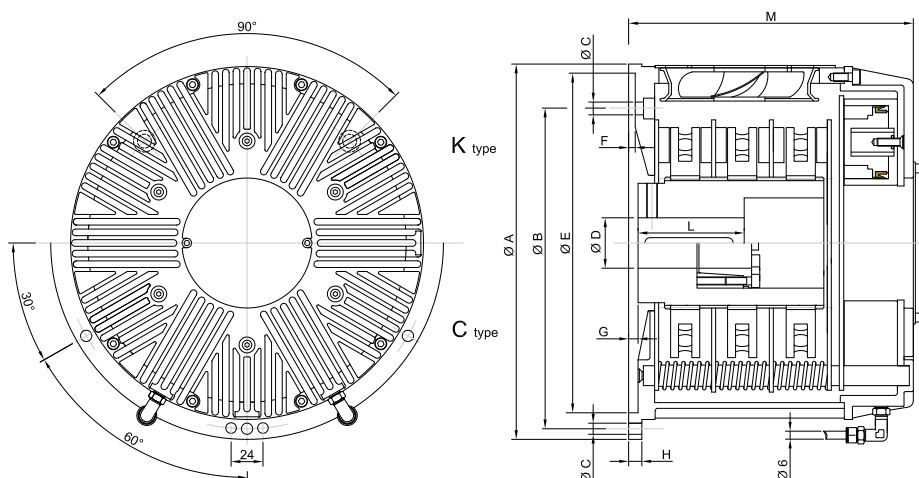
brake components providing high performances through the whole working process

EASY AND FAST INSTALLATION

customizable flange to fit all roll stands, no modification to the machine are required

TXHD / TSHD

Turborex HD models (TX HD) are ideal for applications that require to drastically reduce the working temperatures. The Selematic system (TS HD) is suggested for applications that process rolls of different width and diameter, needing maximum sensitivity for the tensioning and the emergency stop.



dimensions K type	TX HD 150	TX / TS HD 160	TX / TS HD 180
A	266	266	266
B	218	218	218
C	4x10.5	4x10.5	4x10.5
D max	60	60	60
E +0.1/+0.05	256	256	256
F	5	5	5
G	5	5	5
H	/	/	/
L	50	60÷93	60÷140
M	98	164	198

dimensions C type	TX HD 150	TX / TS HD 160	TX / TS HD 180
A	296	296	296
B	280	280	280
C	6x8.5	6x8.5	6x8.5
D max	60	60	60
E +0.1/+0.05	256	256	256
F	5	5	5
G	5	5	5
H	12	12	12
L	50	60÷93	60÷140
M	98	164	198

TXHD150	TX HD 150.05	TX HD 150.10	TX HD 150.15	TX HD 150.20	TX HD 150.25
min torque Nm (0,2 bar)	2	3	4	5	8
max torque Nm (6 bar)	55	99	132	191	250
heat dissipation (standard fan)	2 kW	2 kW	2 kW	2 kW	2 kW
heat dissipation (no fan)	1 kW	1 kW	1 kW	1 kW	1 kW

TXHD160	TX HD 160.15	TX HD 160.20	TX HD 160.25	TX HD 160.40	TX HD 160.50
min torque Nm (0,2 bar)	4	7	8	10	16
max torque Nm (6 bar)	132	198	264	382	500
heat dissipation (standard fan)	3 kW	3 kW	3 kW	3 kW	3 kW
heat dissipation (no fan)	1.5 kW	1.5 kW	1.5 kW	1.5 kW	1.5 kW

TXHD180	TX HD 180.30	TX HD 180.40	TX HD 180.60	TX HD 180.75	TX HD 180.120
min torque Nm (0,2 bar)	10	13	19	25	37
max torque Nm (6 bar)	298	396	562	750	1125
heat dissipation (standard fan)	5 kW	5 kW	5 kW	5 kW	5 kW
heat dissipation (hp fan)	9 kW	9 kW	9 kW	9 kW	9 kW

TSHD160	TS HD 160.15	TS HD 160.20	TS HD 160.25	TS HD 160.40	TS HD 160.50
min torque Nm (0,2 bar)	2	3	4	5	8
max torque Nm (6 bar)	132	198	264	382	500
heat dissipation (standard fan)	3 kW	3 kW	3 kW	3 kW	3 kW
heat dissipation (no fan)	1.5 kW	1.5 kW	1.5 kW	1.5 kW	1.5 kW

TSHD180	TS HD 180.30	TS HD 180.40	TS HD 180.60	TS HD 180.75	TS HD 180.120
min torque Nm (0,2 bar)	3	4	6	8	12
max torque Nm (6 bar)	298	396	562	750	1125
heat dissipation (standard fan)	5 kW	5 kW	5 kW	5 kW	5 kW
heat dissipation (hp fan)	9 kW	9 kW	9 kW	9 kW	9 kW

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