

THIN TYPE TRACTION MACHINE FOR ELEVATOR AND
ELEVATOR DEVICE

ABSTRACT

In a thin type traction machine used for an elevator constituted by a housing 1, a sheave 2, a main shaft 3, bearings 4, a brake drum 5, a rotor 10 of a motor, a stator 12 thereof and electromagnetic brake devices 6, electromagnets 7 in the electromagnetic brake devices 6 and brake pads 8 are arranged in opposing manner around the circumferential face of the brake drum 5 as well as the electromagnetic brake devices 6 are disposed at up and down two portions of the housing 1, thereby, at least the upper side electromagnetic brake device 6 is prevented from protruding out of the interval between ropes 20 and the width size of the thin type traction machine used for an elevator is reduced.

Fig.1.