

“KDS” PM Elevator traction machine (Permanent Magnet Motor)

- **Provides a Comfortable Ride**

KDS PM Traction machine is driven by a technologically advance permanent magnet motor which improves starting, acceleration, and brake performances of elevator. Smoothing starting, smoothing operation, and floor precision provide more comfortable.

- **Ensures a Safer Ride**

The KDS PM Traction machine applies the latest technology in the braking system to ensure safety. The brake is electrified during movement generating sufficient braking force to prevent brake failure.

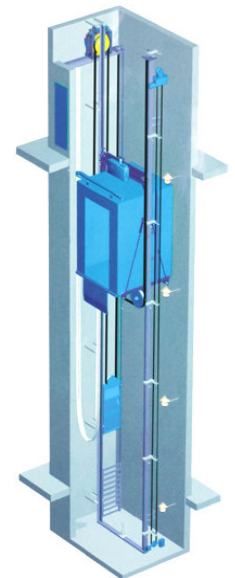
- **Advocating Efficient Society**

KDS PM Traction machine applies permanent magnet materials so no additional power is needed to generate mechanical friction, superior to traditional traction machine by 40% in terms of performance and energy savings.

- **Fully in compliance with the standard GB7588-2003 & EN81-1:1998**

- **Conformed to the Management System Standard ISO 9001:2000**

- **The first Chinese company to enter into North-America market**



MODEL	LOAD (Kg)	SPEED (m/s)	MOTOR (KW-Poles)	CURRENT (Amp)	FREQUENCY (Hz)	SHEAVE ØShv x ØRope
WTY1-450-63	450	0.63	1.8 - 24P	5.0	12.0	400 x 4-Ø8
WTY1-450-100	450	1.0	3.0 - 24P	7.5	19.1	400 x 4-Ø8
WTY1-630-63	630	0.63	2.7 - 24P	6.0	12.0	400 x 4-Ø8
WTY1-630-100	630	1.0	4.3 - 24P	11	19.1	400 x 4-Ø8
WTY1-630-160	630	1.6	6.8 - 24P	16.5	30.6	400 x 4-Ø8
WTY1-800-63	800	0.63	3.4 - 20P	8.0	10.0	400 x 5-Ø10
WTY1-800-100	800	1.0	5.4 - 20P	12.0	15.9	400 x 5-Ø10
WTY1-800-160	800	1.6	8.6 - 20P	18.0	25.5	400 x 5-Ø10
WTY1-800-175	800	1.75	9.6 - 20P	20.0	27.8	400 x 5-Ø10
WTY1-1000-100	1000	1.0	6.4 - 20P	15.0	15.9	400 x 5-Ø10
WTY1-1000-160	1000	1.60	10.7 - 20P	25.0	25.5	400 x 5-Ø10
WTY1-1000-175	1000	1.75	11.7 - 20P	26.0	27.9	400 x 5-Ø10
WTY1-1000-200	1000	2.0	13.4 - 20P	28.5	31.8	400 x 6-Ø10

TECHNICAL SPECIFICATION :

- Power supply: 380V 3 Phase, Brake power : AC 220V, Suspension: 2:1 roping
- Traction sheave Dia. 400 mm.
- Max. Hoisting height 100 meter.
- With Heidenhain Encoder ERN1321-4096 P/R (Made in Germany)