Achieved Super Lightweight and Compact Winches

Features

• Super Lightweight and Parallel Structure

The components of aluminum cast and plastic made the winches very light. Furthermore, the winches are designed to be compact with unique winding drums and driving motors assembled in parallel. The winches can be installed in very narrow spaces.

Dust-Drip-proof and Rust Resistance

Motors and reduction gears are installed in aluminum cast cases, and electromagnetic brake, braking power units and capacitors (only SX Series) are in engineering plastic cases: which resulted in making the winches resistant well against dust, drip and rust. • Grease Lubrication

An urea grease of high quality lasts for so long time that frequent lubrications is not needed. It is free to install the winches at any position, such as on floors, on walls or even upside down. The winches were designed to be quiet and compact mobility. (Except the case of installing on floors, clients are requested to contact us in advance due to the problems such as weep holes.)

High Quality Built-in Motor

Built-in motors are installed in aluminum cast cases and supplied with F-Type insulation (durable up to max. 155° C) and B-Type insulation (durable up to max. 130° C).

• Safe and High Efficiency Electromagnetic Brake

As well as FE Series, the winches had passed in-house durable tests 300,000 times. Despite of their small sizes, these winches have been improved for strong braking power, operating accuracy and a longer life span. A brake plate is made of earth friendly materials of nonasbestos.

Specifications

MODEL				TX-503	TX-505	TX-510	SN-201	SN-203	SN-205	SN-210
Rated Load on Cable (kgs)	50Hz	1st	Layer	360	600	1000	180	300	600	1000
		3rd	Layer	360	600	1000	180	300	600	1000
		Тор	Layer	236	437	931	145	291	473	931
Rated Winding Speed of Cable (m/min)	50Hz	1st	Layer	18	11.1	5.7	14.8	7.1	4	1.6
		3rd	Layer	22.8	14.7	8	19.3	9.3	5.4	2.3
		Тор	Layer	34.8	20.2	10.3	23.8	11.5	7.4	3
Cable Win	ding Legth al (m)	1st	Layer	13.2	10.5	8.5	7.5	7.5	10.5	8.5
in Tot		3rd	Layer	45	36.9	30.8	26.1	26.1	36.9	30.8
	,	Тор	Layer	155.2	89.6	60	49.4	49.4	89.6	60.6
Cable Dia in Use			6	8	10	6	6	8	10	
Motor	Туре			Fully-Sealed and self-Cooling type			Capacitor Activated & Operated			
	Output			2.2KW			0.75KW			
	Number of poles			4P			4P			
	Rated Voltage&Current			Three Phase 380V 50HZ,4.7A			Single Phase 220V 50HZ,5A			
	Insulation			Туре F			Туре В			
Load Hour Factor				25%ED			25%ED			
Braking Ratio				over 150%			over 150%			
Operation				with 2 or Button switches(Indirect Operation)						
Reduction Ration				23.28	38.59	76.18	25.05	51.57	107.14	261.91
Winch Weight(Kgs)			70	70	70	70	70	70	70	

Dimensions



