

MAW

LOW-SPEED MIGHTY PULLER.● Designed big capacity by low-speed comparatively.

-40H10/40H20/ WK-55X

Specification

Electric power supply : AC 200V, three (3) phases

MODEL	CAPACITY (kg)		ROPE SPEED (m/min)		MAX.WINDING ROPE (m)	MOTOR		WEIGHT (kg)
	50Hz	60Hz	50Hz	60Hz		OUTPUT(kW)	POLE	
WK-55X	1000	1000	4	5	φ10×60	1.0	4	69
MAW-40H10 (S)	3000	3000	10	12	φ18×200	8.1	4	840
MAW-40H20 (S)			20	24		15	4	890

Note 1. Wire rope, hook and electric cord are not included. Electric cord for WK-55X is included.

Note 2. All winches shall be started to produce after job order.

Note 3. Mechanical brake is applied to WK-55X.

Note 4. Refer to other low-speed mighty puller : type MA-G.

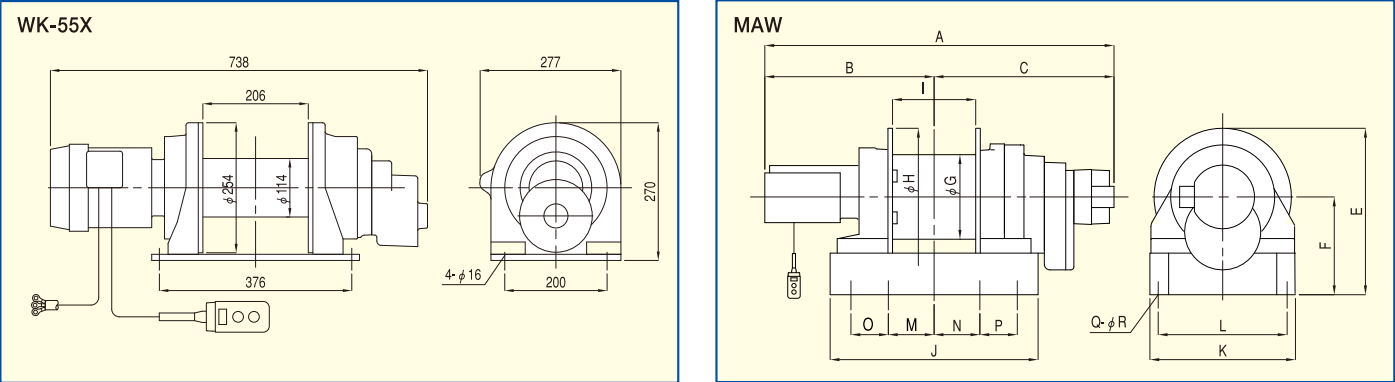
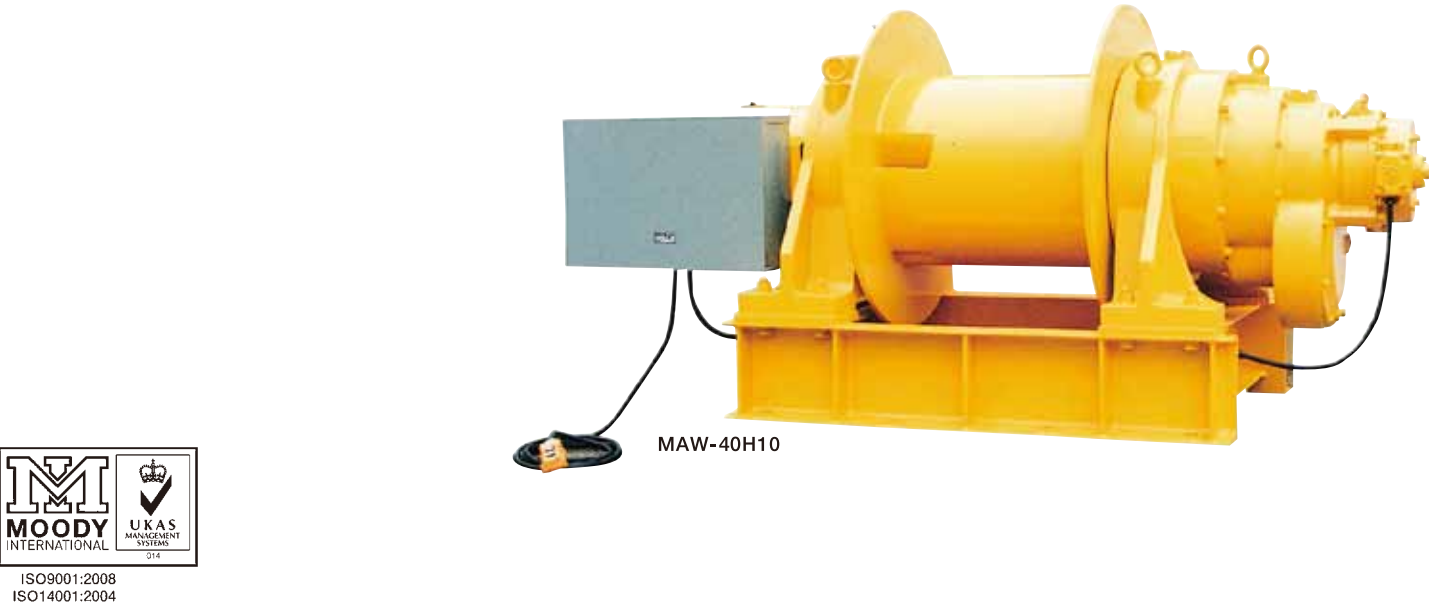


Table (mm)

MODEL/SIZE	A	B	C	D	E	F	Drum G	Drum H	Drum I	J	K	L	M	N	O	P	Q	R
MAW-40H10(S)	1842	958	884	-	806	476	φ406.4	φ660	400	1000	700	620	400	400	—	—	6	27
MAW-40H20(S)	1826	942	884	-	873	476	φ406.4	φ660	400	1000	700	620	400	400	—	—	6	27



Shop

TKK

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TKK WINCH

catalogue

Safe & Easy to Handle
No Special Training Needed



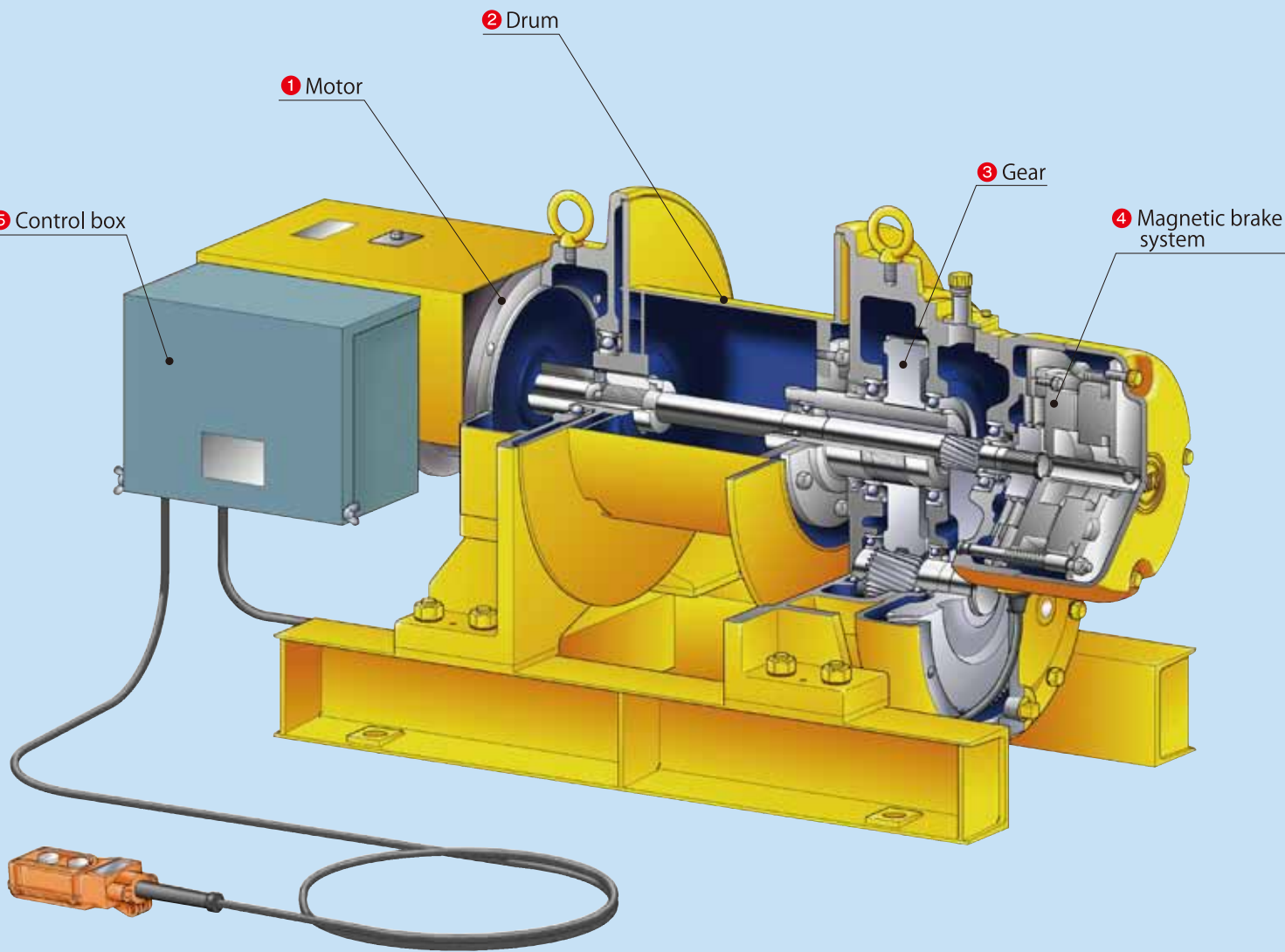
GENERAL DESCRIPTION

TKK WINCH

For more than 50 years, TKK has produced many types of electric winches to fully meet customer’ s requirements. We are now pleased to introduce our TKK winches, carefully manufactured and featuring “Durability, safety, high efficiency, and easy handling.”

TKK winches have wide applications, even in limited space with a simple setting.
TKK winches are at workshops, construction sites, warehouses and in other applications for their features.

Construction



Features

- 1 Motor Enclosed flange typed induction motor having strong initial torque.
- 2 Drum Made by iron plate, strong enough for wire rope tightening stress.
We have an optional specification for the usage more than two (2) wire ropes.
- 3 Gears With high-efficient helical gear, low-noised closed type can be realized.
- 4 Magnetic brake system Dry typed, alternating current magnetic brakes for single disc and multiple disc. Quick response and long life operation can be realized by using sintering alloy steel as frictional resistance.
We can also apply to the specification for equipped with oil-damper ; silencer.
- 5 Control box Apply for options such as various kinds of limit switches, speed control. Additionally, control boxes for emergency stop are standardized. This emergency stop function made improvement of safety.

MA Series

Specification Electric power supply : AC 200V, three (3) phases except MA-75.

MODEL	CAPACITY (kg)		ROPE SPEED (m/min)		MAX.WINDING ROPE (m)	MOTOR		WEIGHT (kg)
	50Hz	60Hz	50Hz	60Hz		OUTPUT (kW)	POLE	
MA-2 (S)	250	200	29	35	φ 6×120	1.5	4	78
MA-3 (S)			30	36		2.5	4	
MA-3G10 (S)	400	400	10	12	φ 8×120	0.87	4	160
MA-3G15 (S)			15	18		1.5	4	
MA-5 (S)			33	40		3.9	4	
MA-5G11 (S)	650	550	11	13	φ 10×150	1.5	4	230
MA-5G16 (S)			16	20		2.5	4	
MA-7 (S)			35	42		6.1	4	
MA-7G11 (S)	1000	850	11	13	φ 12×150	2.5	4	350
MA-7G17 (S)			17	20		3.9	4	
MA-10 (S)	1300	1000	37	44		8.1	4	460
MA-10G12 (S)	1100	900	12	14	φ 14×160	2.5	4	450
MA-10G18 (S)	1300	1000	18	22		3.9	4	460
MA-20 (S)			40	48		15	4	650
MA-20G13 (S)	1500	1500	13	16	φ 16×180	3.9	4	600
MA-20G20 (S)			20	24		8.1	4	
MA-25 (S)		1700	47	56		18.5	4	
MA-25H40 (S)		2000	40	48				
MA-25G10 (S)		1650	10	12				
MA-25H40G10 (S)		1650	9	10	φ 16×220	3.7	6	660
MA-25G15 (S)		1650	15	19				
MA-25H40G13 (S)		2000	13	16		6.1	4	
MA-35		2000	50	60				
MA-35H42	2500	2500	42	50	φ 18×160	25	8	1350
MA-40		2500	53	64				
MA-40H42	3000	3000	43	52	φ 18×250	28	8	1630
MA-50		3300	53	63				
MA-50H44	4000	4000	45	53	φ 20×190	37	8	2150
MA-75	5300	5300	51	61	φ 22.4×250	47/55	8	2590

- Note :
1. Wire rope, hook and electric cord are not included.
 2. All winches shall be started to produce after job order except MA-2, MA-3.
 3. Control box for MA-35 to MA-75 is not included, means quote separately.
 4. Rope speed shown in the table, are measured on the three (3) layers.
 5. Capacity and rope speed on each layer shall be referred to calculation sheet.
 6. As for MA-20 to MA-75, we can produce pole change mighty puller ; high efficiency type with selectable number of motor poles, enables doubling of rope speed at half load.

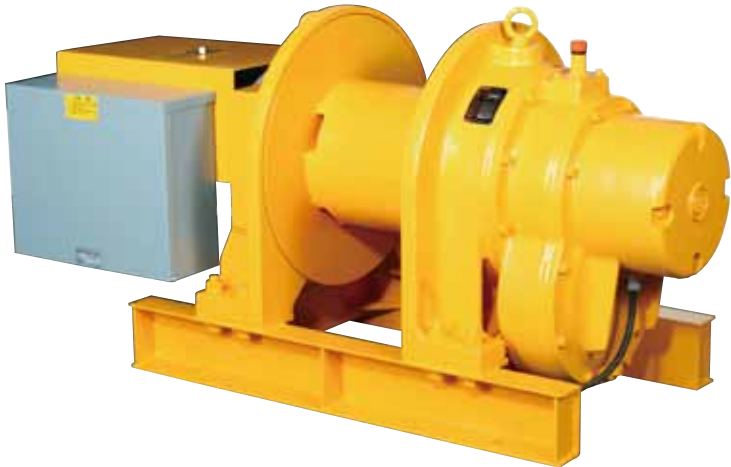
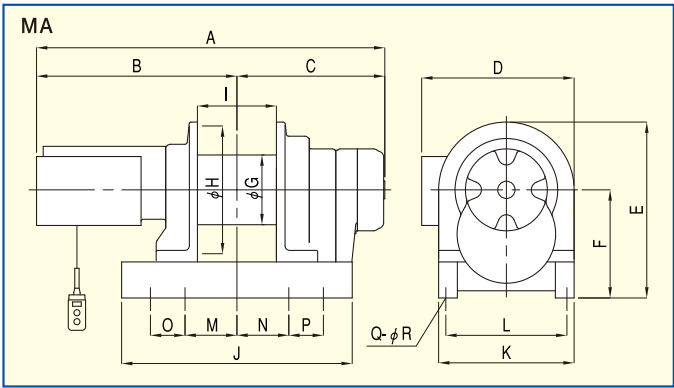


Table (mm)

MODEL/SIZE	A	B	C	D	E	F	Drum G	Drum H	Drum I	J	K	L	M	N	O	P	Q	R
MA-2 (S)	762	549	213	367	361	209	φ152.5	φ270	151	380	280	245	170	145	—	—	4	17
MA-3 (S)	907	519	388	401	457	280	φ190.7	φ335	160	570	340	300	205	265	—	—	4	20
MA-5 (S)	1077	602	475	467	522	303	φ216.3	φ380	250	760	400	360	300	300	—	—	4	24
MA-7 (S)	1224	711	513	529	651	375	φ241.8	φ445	270	800	470	420	300	300	—	—	4	24
MA-10 (S)	1435	861	574	564	700	405	φ267.4	φ500	300	940	540	480	340	340	—	—	4	24
MA-20 (S)	1524	876	648	644	760	435	φ318.5	φ580	350	1000	620	560	350	350	—	—	4	27
MA-25 (S)	1621	901	720	700	793	460	φ318.5	φ580	400	1000	630	560	375	375	—	—	4	27
MA-35	2026	1160	886	695	900	556	φ406.4	φ640	400	1140	670	590	470	470	—	—	6	27
MA-40	2378	1384	994	735	961	581	φ406.4	φ660	500	1330	700	620	585	585	—	—	6	27
MA-50	2474	1481	993	700	1112	581	φ406.4	φ660	500	1895	700	620	585	585	545	—	8	27
MA-75	2835	1585	1250	1025	1111	580	φ457	φ730	650	2000	800	720	290	290	580	580	8	28