

歐美吊車等級對照表 (ISO,FEM,ASME and CMAA)

European and US hoist class Conversion Table

ISO Ratings	European Standards		US Standards	
	FEM		ASME HST-4M	CMAA No. 70 Double Girder
M1	Rope to drum ratio 12.5 : 1 Rope to running sheave ratio 11.2:1 Rope breaking strength ratio 3.15:1 Motor Starts per hour (min) 90 Max. on time (per hour/min) 7.5 Bearing life (hours) 400	1 Dm		
M2	Rope to drum ratio 12.5 : 1 Rope to running sheave ratio 14:1 Rope breaking strength ratio 3.35:1 Motor Starts per hour (min) 120 Max. on time (per hour/min) 7.5 Bearing life (hours) 800	1 Cm		
M3	Rope to drum ratio 14 : 1 Rope to running sheave ratio 16:1 Rope breaking strength ratio 3.55:1 Motor Starts per hour (min) 150 Max. on time (per hour/min) 15 Bearing life (hours) 1600	1 Bm		
M4	Rope to drum ratio 16 : 1 Rope to running sheave ratio 18:1 Rope breaking strength ratio 4 :1 Motor Starts per hour (min) 180 Max. on time (per hour/min) 15 Bearing life (hours) 3200	1 Am	Rope to drum ratio 18:1 Rope to running sheave ratio 16:1 Rope breaking strength ratio 5:1 Motor Starts per hour (min) 75 Max. on time (per hour/min) 15 Bearing life (hours) 1250	H1 Class A
M5	Rope to drum ratio 18 : 1 Rope to running sheave ratio 20:1 Rope breaking strength ratio 4.5:1 Motor Starts per hour (min) 240 Max. on time (per hour/min) 30 Bearing life (hours) 6300	2m	Rope to drum ratio 18 : 1 Rope to running sheave ratio 16:1 Rope breaking strength ratio 5:1 Motor Starts per hour (min) 75 Max. on time (per hour/min) 15 Bearing life (hours) 2500	H2 Class B
M6	Rope to drum ratio 20 : 1 Rope to running sheave ratio 22.4:1 Rope breaking strength ratio 5.6:1 Motor Starts per hour (min) 300 Max. on time (per hour/min) 30 Bearing life (hours) 12500	3m	Rope to drum ratio 18 : 1 Rope to running sheave ratio 16 :1 Rope breaking strength ratio 5:1 Motor Starts per hour (min) 150 Max. on time (per hour/min) 30 Bearing life (hours) 5000	H3 Class C
M7	Rope to drum ratio 22.4 : 1 Rope to running sheave ratio 25 :1 Rope breaking strength ratio 7.1:1 Motor Starts per hour (min) 300 Max. on time (per hour/min) 60 Bearing life (hours) 25000	4m	Rope to drum ratio 18 : 1 Rope to running sheave ratio 16 :1 Rope breaking strength ratio 5:1 Motor Starts per hour (min) 300 Max. on time (per hour/min) 30 Bearing life (hours) 10000	H4 Class D
M8	Rope to drum ratio 25 : 1 Rope to running sheave ratio 28:1 Rope breaking strength ratio 9:1 Motor Starts per hour (min) 360 Max. on time (per hour/min) >60 Bearing life (hours) 50000	5m	Rope to drum ratio 18 : 1 Rope to running sheave ratio 16 :1 Rope breaking strength ratio 5:1 Motor Starts per hour (min) 600 Max. on time (per hour/min) 60 Bearing life (hours) 20000	H5 Class E