



MR1/MR2 Suspension Shaft Assemblies
Standard and Extended Flange Ranges
1 to 20 Ton

Purpose:

The purpose of this EDOC is to specify part numbers and the flange ranges for the standard and optional Suspension Shaft Assemblies and components used on the MR1/MR2 trolleys.

MR1/MR2 1 to 5 Ton:

Product Code	Suspension Shaft Assemblies and Components				
	Name	Qty.	Standard Flange Range Inch (mm)	Optional Flange Range w/Extra Thick Shaft Spacers Inch (mm)	Optional Flange Range - W30 Inch (mm)
MR010L/S/SD MR2010L/S/SD	Suspen. Shaft Assy.	1	p/n: MR1DS1111 c/n: MR1DS1111	(Same as std.)	p/n: MR1DS1112 c/n: MR1DS1112
	Fixing Shaft	1	p/n: MR1DS9131 c/n: MR1DS9131	(Same as std.)	p/n: MR1DS9141 c/n: MR1DS9141
	Split Pin	2	p/n: 9009446 c/n: J1PW02-050040	(Same as std.)	p/n: 9009446 c/n: J1PW02-050040
	Extra Thick Spacer	2	—	p/n: MSF116010 c/n: T4GA010-91161	—
	Flange Range	—	2.28 ~ 5.00 (58 ~ 127)	5.01 ~ 6.02 (128 ~ 153)	6.03 ~ 12.00 (154 ~ 305)
MR020L/S/SD MR2020L/S/SD	Suspen. Shaft Assy.	1	p/n: MR1ES1111 c/n: MR1ES1111	(Same as std.)	p/n: MR1ES1112 c/n: MR1ES1112
	Fixing Shaft	1	p/n: MR1ES9131 c/n: MR1ES9131	(Same as std.)	p/n: MR1ES9141 c/n: MR1ES9141
	Split Pin	2	p/n: 9009446 c/n: J1PW02-050040	(Same as std.)	p/n: 9009446 c/n: J1PW02-050040
	Extra Thick Spacer	2	—	p/n: T7G116030 c/n: T7GA030-91161	—
	Flange Range	—	3.23 ~ 6.02 (82 ~ 153)	6.03 ~ 7.02 (154 ~ 178)	7.03 ~ 12.00 (179 ~ 305)
MR030L/S/SD MR2030L/S/SD	Suspen. Shaft Assy.	1	p/n: MR1FS1111 c/n: MR1FS1111	(Same as std.)	p/n: MR1FS1112 c/n: MR1FS1112
	Fixing Shaft	1	p/n: MR1FS9131 c/n: MR1FS9131	(Same as std.)	p/n: MR1FS9141 c/n: MR1FS9141
	Split Pin	2	p/n: 9009448 c/n: J1PW02-050050	(Same as std.)	p/n: 9009448 c/n: J1PW02-050050
	Extra Thick Spacer	2	—	p/n: MSF116030 c/n: T4GA030-91161	—

Product Code	Suspension Shaft Assemblies and Components				
	Name	Qty.	Standard Flange Range Inch (mm)	Optional Flange Range w/Extra Thick Shaft Spacers Inch (mm)	Optional Flange Range - W30 Inch (mm)
	Flange Range	—	3.23 ~ 6.02 (82 ~ 153)	6.03 ~ 7.02 (154 ~ 178)	7.03 ~ 12.00 (179 ~ 305)
MR050L/S/SD MR2050L/S/SD	Suspen. Shaft Assy.	1	p/n: MR1GS1111 c/n: MR1GS1111	(Same as std.)	p/n: MR1GS1112 c/n: MR1GS1112
	Fixing Shaft	1	p/n: MR1GS9131 c/n: MR1GS9131	(Same as std.)	p/n: MR1GS9141 c/n: MR1GS9141
	Split Pin	2	p/n: 9009448 c/n: J1PW02-050050	(Same as std.)	p/n: 9009448 c/n: J1PW02-050050
	Extra Thick Spacer	1	—	p/n: MSF116050 c/n: T1GA050-91161	—
	Flange Range	—	3.94 ~ 7.01 (100 ~ 178)	7.02 ~ 7.60 (178 ~ 193)	7.61 ~ 12.00 (194 ~ 305)

MR1/MR2 8 to 20 Ton:

Product Code	Suspension Shaft Assemblies and Stopper Shafts			
	Name	Qty.	Standard Flange Range inch (mm)	Optional Flange Range W30 inch (mm)
MR080L MR100L MR2080L MR2100L	Suspension Shaft Assy.	1	p/n: M6SS100S-1115 c/n: M6SS100S-11151	p/n: MSF181075 c/n: M6SS100S-11811
	Stopper Shaft	1	p/n: E6S010075 c/n: E6SE075S-90101	p/n: MSF019075 c/n: E7SE075S-90191
	Flange Range	—	5.91 ~ 8.66" (150 ~ 220)	8.67 ~ 12.00" (221 ~ 305)
MR150L MR200L MR2150L MR2200L	Suspension Shaft Assy.	2	p/n: M6SS100S-1115 c/n: M6SS100S-11151	p/n: MSF181075 c/n: M6SS100S-11811
	Flange Range	—	5.91 ~ 8.66" (150 ~ 220)	8.67 ~ 12.00" (221 ~ 305)

Notes:

1. Suspension shaft assemblies include the suspension shaft, shaft stopper pin assemblies and all required spacers.
2. When applying an optional flange range to a trolley, the complete shaft assemblies are swapped. All adjusting spacers and shaft hardware remain with original shaft when exchange is made.
3. MR1/MR2 1 to 5 Ton trolleys used with ES hoists do not require the Fixing Shaft and Split Pins.