



MORRIS RS MODEL - MANUAL HOIST - TECHNICAL SPECIFICATION

Capacity (Safe Working Load)	Tonnes	0.5	1.0	2.0	3.0	5.0	10.0	15.0	20.0
Number Of Fall Of Load Chain		1	1	2	1	2	3	6	8
Load Chain Dia.	mm	6.3	6.3	6.3	10	10	12	12	12
Load Chain Grade	---	80	80	80	80	80	80	80	80
Hand Chain Dia.	mm	5	5	5	6	6	6	6	6
Hand Chain Grade	---	30	30	30	30	30	30	30	30
Test Load	Tonnes	0.75	1.5	3	4.5	7.5	15	22.5	30

DIMENSION

A Hook Suspension	mm	360	360	540	560	720	1000	1430	1675
Hung In Trolley	mm	465	465	670	695	875	1235	1830	2200
Built In Type Trolley	mm	415	415	510	575	700	1000	1165	--
B	mm	210	210	240	330	380	610	1175	1370
C	mm	162	162	162	213	213	254	292	330

HUNG IN TROLLEY

Suitable Track Width	Range-I	mm	75-125	75-125	80-140	80-150	100-150	140-210	140-210	140-210
	Range-II	mm	140-180	140-180	150-210	180-210	180-210	--	--	--
Minimum Clear Depth Of Track	mm	125	125	150	150	200	300	300	450	

BUILT IN UNITS

Suitable Track Width	Range-I	mm	75-125	75-125	80-140	80-150	100-150	140-210	140-210	140-210
	Range-II	mm	140-180	140-180	150-210	180-210	180-210	--	--	--
Minimum Clear Depth Of Track	mm	150	150	200	200	250	300	300	--	
Minimum Radius Of Track Curve	m	1.5	1.5	2	2	2	3	3	3.5	

WEIGHT

Weight (Approx) For 3.0 MTR. Clear Lift	Kg.	16.5	16.5	22	43	68	160	820	940
Additional Weight for The Extra Mtrs. Of Lift	Kg.	1.8	1.8	2.5	3.5	5.5	12	24	30
Geared Trolley With chain for the standard 3m Lift.	Kg.	23	23	37	42	85	240	467	552

Effort on Hand Chain to Raise The Safe Working Load	Kg.	15	15	32	45	42	80	2 x 70	2 x 80
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VELOCITY RATIO

Movement of The Hand Chain To Load Chain		52	52	104	94	188	186	372	500
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MORRIS ES MODEL - MANUAL HOIST - TECHNICAL SPECIFICATION

Capacity (Safe Working Load)	Tonnes	0.5	1.0	1.5	2.0	3.0	5.0	7.5	10.0
Number Of Fall Of Load Chain		1	1	1	1	2	3	3	4
Load Chain Dia.	mm	6.5	9.5	11	12.5	11	12.5	12	12
Load Chain Grade	---	40	40	40	40	40	40	80	80
Hand Chain Dia.	mm	5	4	6	6	6	6	6	6
Hand Chain Grade	---	30	30	30	30	30	30	30	30
Test Load	Tonnes	0.75	1.5	2.25	3	4.5	7.5	11.25	15

DIMENSION

A Hook Suspension	mm	0.05	375	465	495	755	945	1080	1320
Hung In Trolley	mm	410	480	595	625	890	1100	1320	1550
Built In Type Trolley	mm	--	475	---	585	790	975	1100	1100
B	mm	210	254	330	337	385	455	610	610
C	mm	162	191	213	241	213	241	254	254

HUNG IN TROLLEY

Suitable Track Width	Range-I	mm	75-125	75-125	80-140	80-140	80-140	100-150	140-210	140-210
	Range-II	mm	140-180	140-180	150-210	150-210	180-210	180-210	--	--
Minimum Clear Depth Of Track	mm	125	125	150	150	200	200	300	300	

BUILT IN UNITS

Suitable Track Width	Range-I	mm	80-110	80-110	100-140	100-140	125-150	140-210	140-210
	Range-II	mm	125-180	125-180	150-210	150-210	180-210	--	--
Minimum Clear Depth Of Track	mm	150	150	200	200	250	300	300	--
Minimum Radius Of Track Curve	m	1.5	1.5	2	2	2	2	3	3

WEIGHT

Weight (Approx) For 3.0 MTR. Clear Lift	Kg.	18	28	43	56	68	120	160	200
Additional Weight for The Extra Mtrs. Of Lift	Kg.	2	3	4	5	5	12	12	15
Geared Trolley With chain for the standard 3m Lift.	Kg.	23	23	37	37	42	81	214	240

Effort on Hand Chain to Raise The Safe Working Load	Kg.	31	32	45	51	46	57	67	75
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VELOCITY RATIO

Movement of The Hand Chain To Load Chain		28	56	57	62	114	186	186	250
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