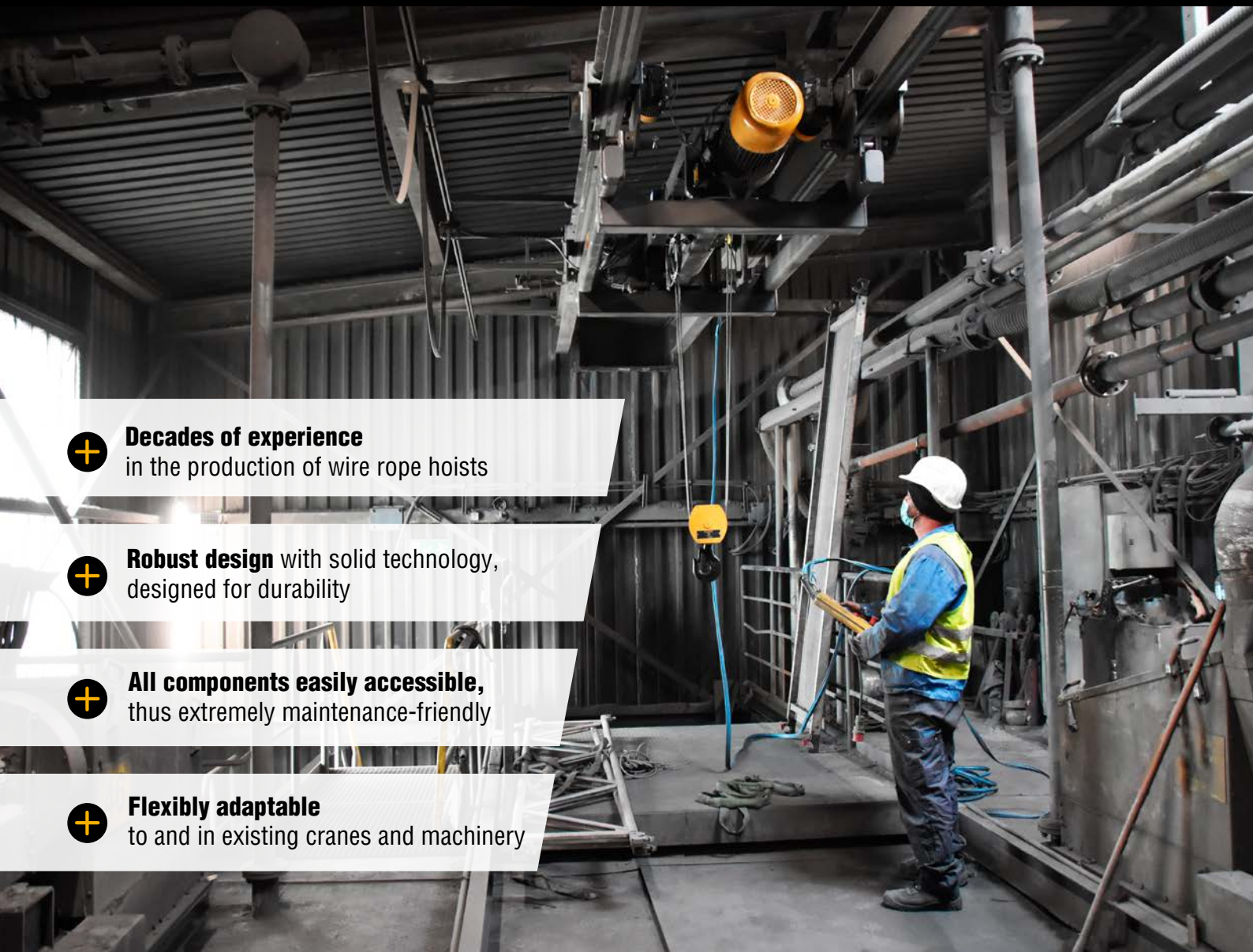


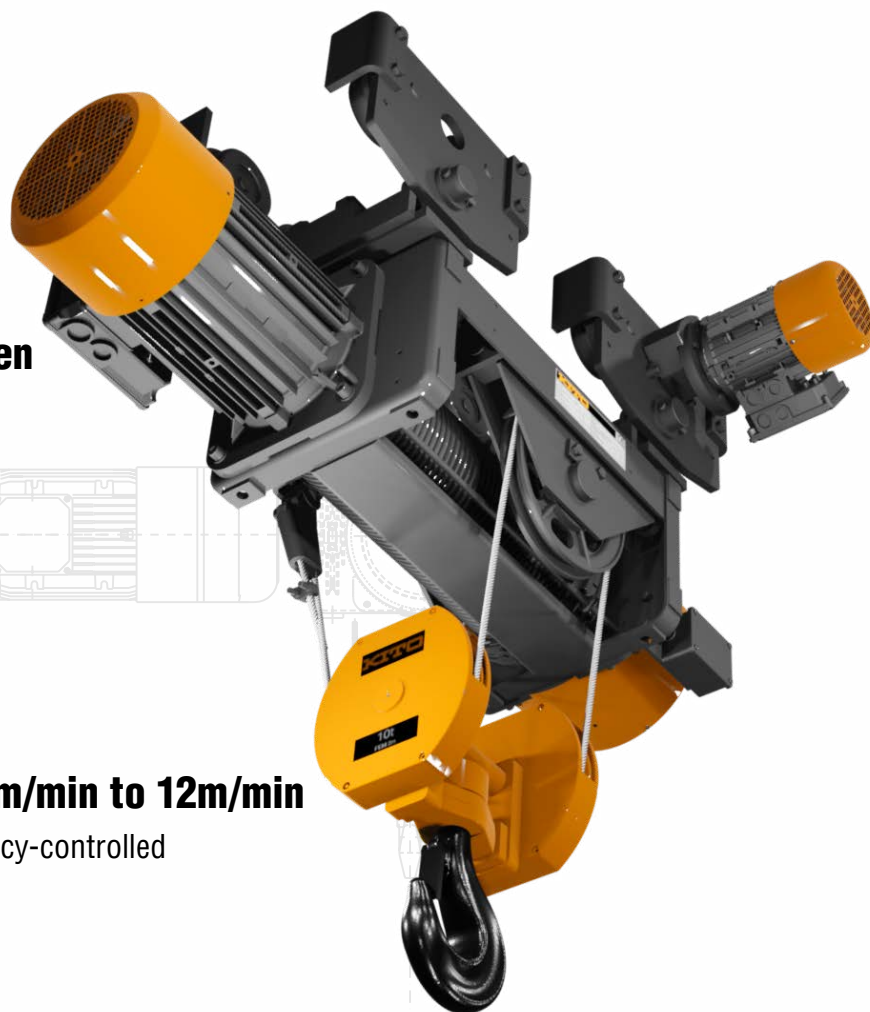
RX WIRE ROPE HOIST

FOR ALL INDUSTRIAL APPLICATION AREAS



-  **Decades of experience**
in the production of wire rope hoists
-  **Robust design** with solid technology,
designed for durability
-  **All components easily accessible,**
thus extremely maintenance-friendly
-  **Flexibly adaptable**
to and in existing cranes and machinery

RX Wire Rope Hoist



Lifting capacities between 1,000 kg and 50,000 kg



2 or 4 rope strands

Reeving 2/1, 4/1 and 4/2



Lifting speeds from 1.5 m/min to 12m/min

Single-speed, two-speed, frequency-controlled



Foot mounts

that allow for „standing“ or „hanging“ mounting.
(As a foot hoist or for a double-girder-trolley)

Features

- ▶ 380 - 440V / 50 - 60Hz / 3 phases
- ▶ 24 V, 48 V, 230 V (optional)
- ▶ Insulation class: IP 55 (standard) - IP 66 (optional)
- ▶ Three-phase asynchronous motor, sliding anchor motor (optional)
- ▶ Control voltage: 42 V, 110 V
- ▶ Planetary gear

Safety

- ▶ Electronic overload protection, with two adjustable levels
- ▶ Overheating protection for hoist motor

Options

- ▶ Radio remote control
- ▶ Special painting
- ▶ Outdoor application
- ▶ Festoon cable systems
- ▶ Load spectrum monitoring
- ▶ Synchronization
- ▶ Load summation
- ▶ Load measurement
- ▶ Load display
- ▶ Hoist units as „True Vertical“ version
- ▶ Anti Sway Control

Advantages



Robust design

All components are designed for durability and ease of maintenance. Decades of experience and continuous development make the RX wire rope hoist a reliable partner for moving your loads.



Three-piece rope guide ring in cast iron design

Stable and easy to install. The rope is optimally guided on the rope drum. The tension spring ensures that the rope is held in the rope groove and thus protects against damage and slack rope on the drum.



Planetary gear

The planetary gearbox is extremely robust, easily accessible and guarantees optimum power transmission between the hoist motor and rope drum.



Electronic overload protection

... with two adjustable levels, protects the hoist and all components directly affected by the load from overload. (Performance Level C).



Electromagnetic disc brake

Safe and easy to maintain.

The types



Foot mounted hoist

Foot mounted hoist without trolley. For lifting capacities from 1,000 kg up to 32,000 kg



Monorail trolley

Hoist with standard headroom trolley. For capacities from 1,000 kg up to 32,000 kg.



Double girder trolley

For capacities from 1,000 kg up to 32,000 kg either supported or suspended, version S2-S4. Only in supported execution for capacities from 20,000 kg up to 25,000 kg 2 rope falls, for capacities from 40,000 kg up to 50,000 kg 4 rope falls.



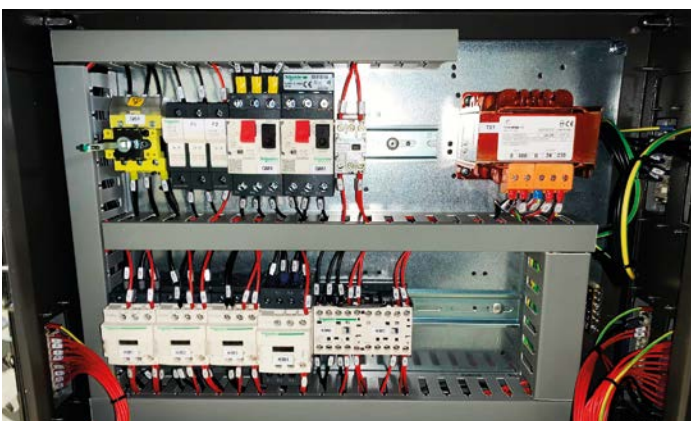
Low headroom monorail hoist trolley

For capacities from 1,000 kg up to 10,000 kg.



The RX wire rope hoist is suitable for the use in a wide variety of applications in an industrial environment:

- 🔧 Production plants
- 🔧 Plant engineering
- 🔧 Production lines
- 🔧 Workshops
- 🔧 Ship equipment
- 🔧 Service & Maintenance

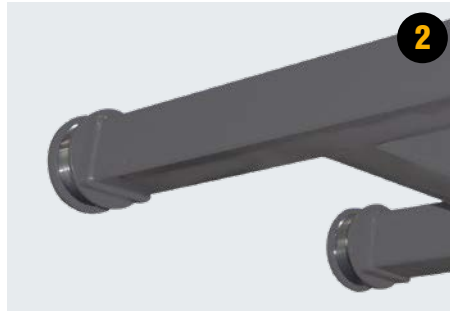


RX product description



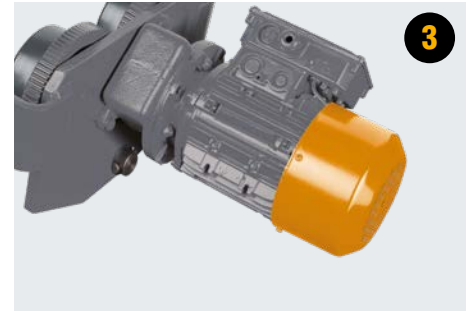
1. Rope Guide

The rope guide consists of two parts: the guide ring and tension spring. The tension spring ensures that the rope lays correctly into the drum groove whilst the guide ring always maintains the rope in the correct position preventing the rope from coming off the drum groove. By moving the guide ring along the drum, the limit switches for the highest and lowest hook positions are activated. The limit switch actuation is freely accessible and the setting can be made without great effort.



2. Wheels

The double-girder trolley is equipped with double-flange wheels. All wheels have high quality ball bearings. The driven wheels are connected directly to the self braking gearmotor. This maintenance-friendly, long-life construction enables the best power transmission between the running wheels and the trolley rail, as well as less wear.



3. Trolley construction

The standard headroom monorail design enables the hoist to operate directly under and parallel with the crane or runway beam. The hoist is directly connected to the trolley. All components are freely accessible, which guarantees ease of maintenance.



4. Hoist gearbox

The extremely robust, two- or three-stage planetary gear ensures reliable power transmission from the hoist motor to the rope drum. The parts of the planetary gear in the power flow are made of heat-treated quality steel.



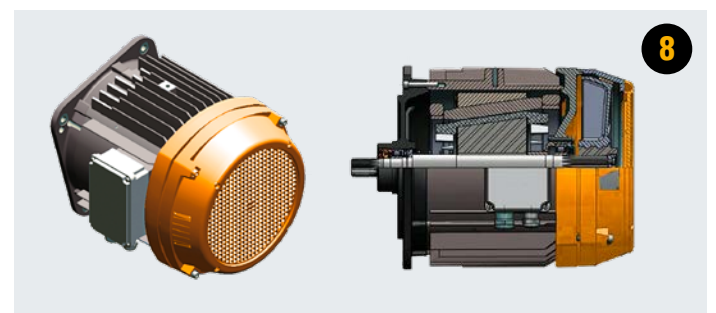
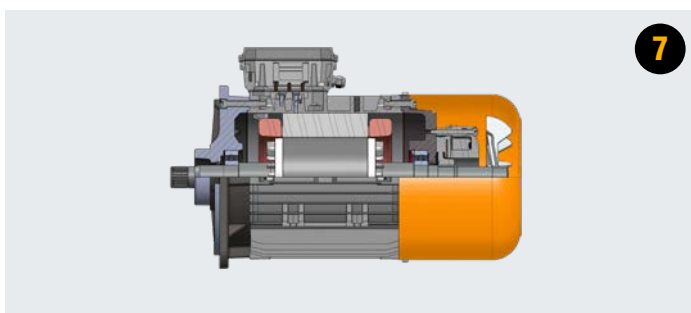
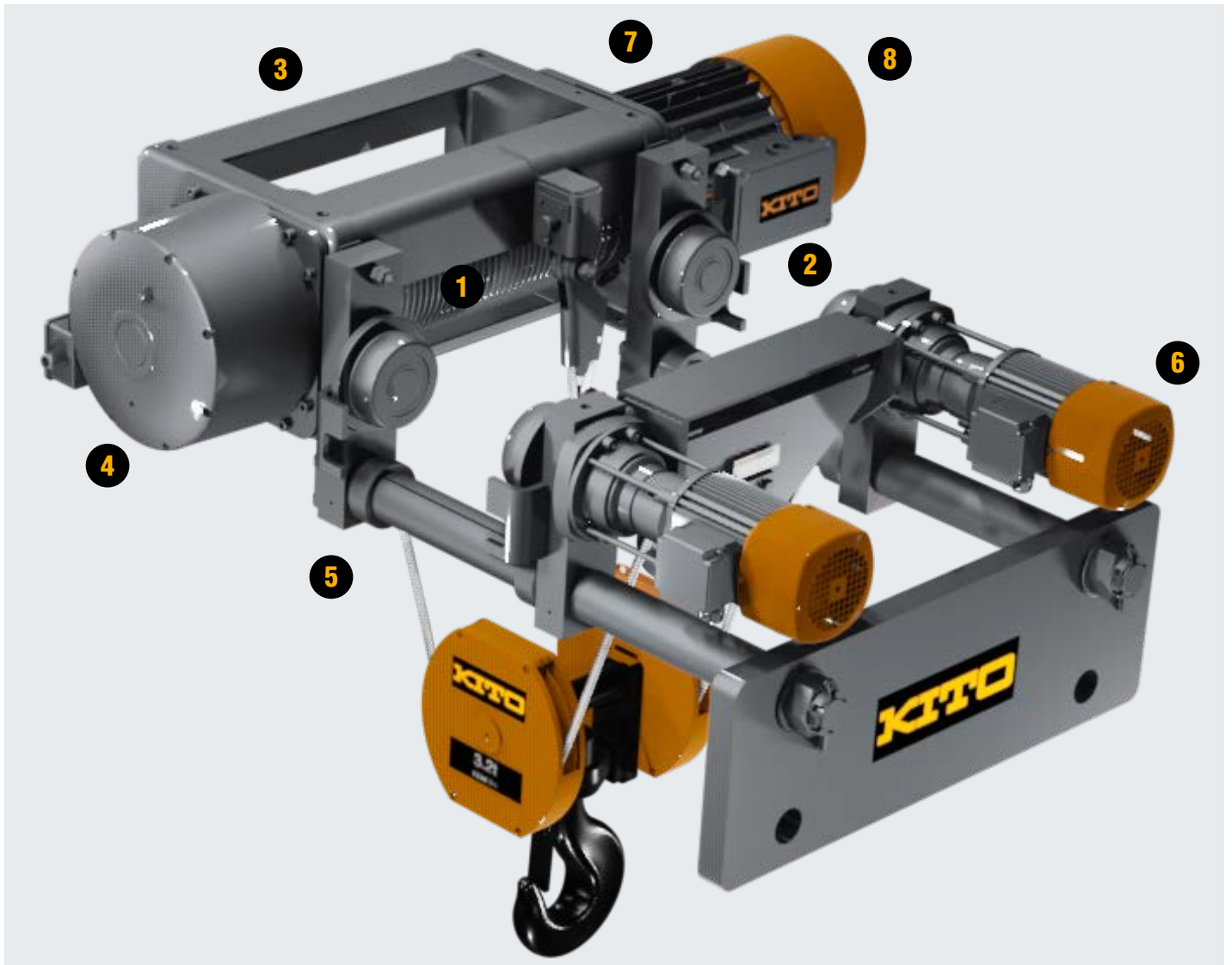
5. Low headroom trolley

The drives of the low headroom trolley consists of two electric motors, fitted onto planetary gearboxes. The power transmission of the gears goes directly to the toothed wheel axles. This construction does not require any additional, external gears.



6. Disc brake

The generously dimensioned disc brake acts directly on the rotor shaft so that the braking force is effectively. This applies equally to the trolley motor and in the case of the hoist, to the electric motor.



7. Motor

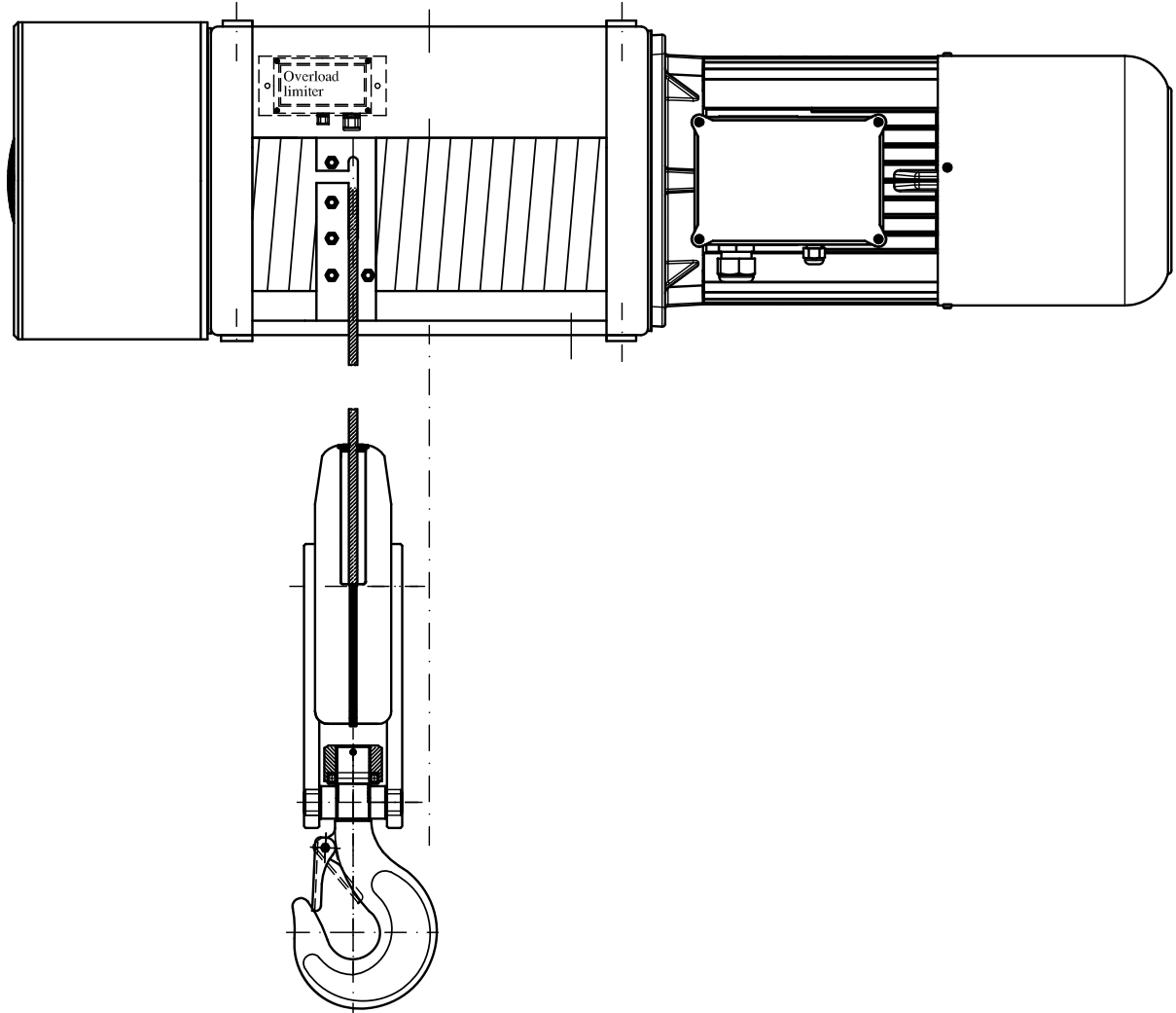
The three-phase asynchron motors with cylindrical rotor and disc brake are available with single or dual speed option. The single speed motor allows inverter control to be fitted offering flexible speed control to suit the application requirements.

8. Optional sliding anchor motor

A sliding anchor motor with one or two speeds and a conical brake is optionally available. The axial movement of the rotor ensures that the brake works. The braking torque is provided by the axially mounted Helical spring guaranteed. The brake is released by moving the rotor axially when the motor is energized.

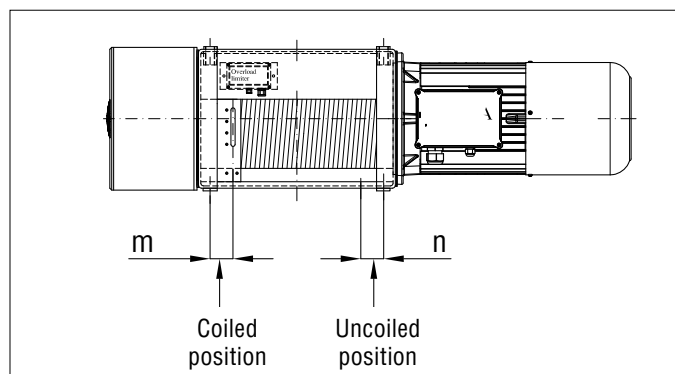
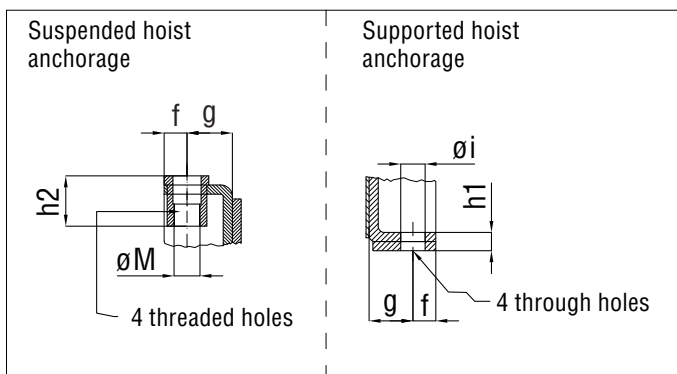
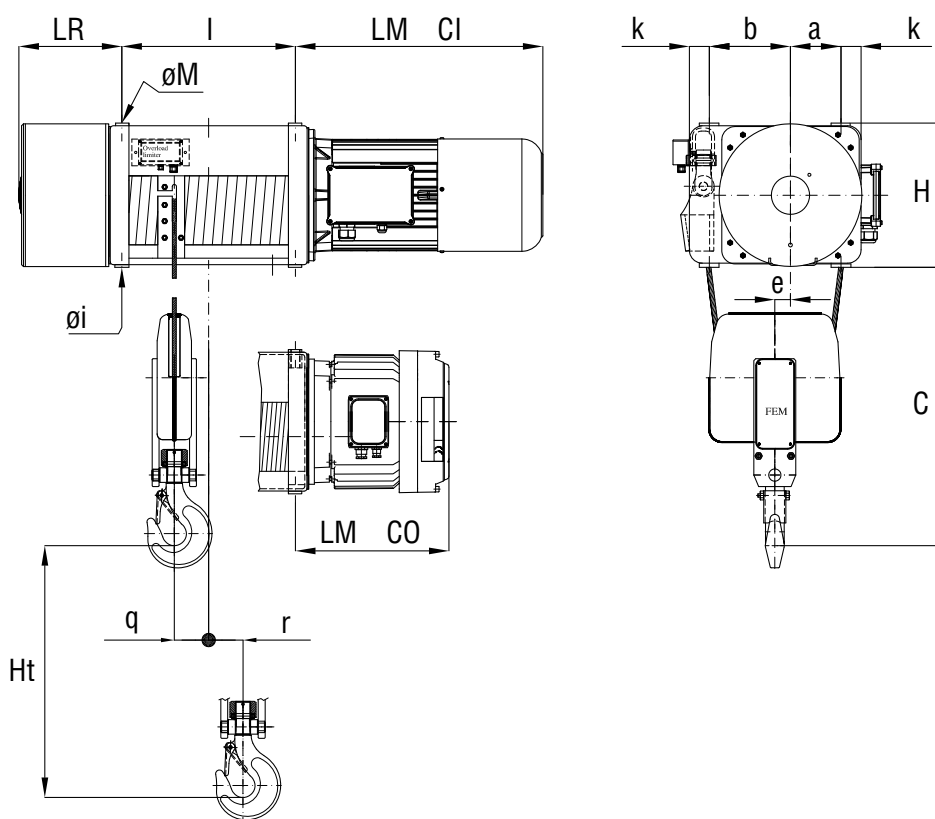
RX FOOT MOUNTED HOISTS

Supported and suspended anchorage



RX foot mounted hoist S2 – Rope falls (2/1)

- ▶ RX 308, 312, 316, 525
- ▶ Type 5 supported; Type 5C1 suspended
- ▶ Capacity 1,000 – 5,000 kg



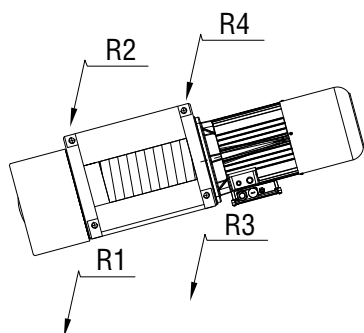
Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	(a + b)	k	e	øi	f	g	øM	h1	h2	m	n
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,000	3m	308 - 2/1	570	325	105	190	295	50	53	15	19	27	M14	13	28	45	48
1,600	2m	308 - 2/1	570	325	105	190	295	50	53	15	19	27	M14	13	28	45	48
2,500	2m	312 - 2/1	640	325	105	190	295	50	40	17	19	27	M20	13	34	48	56
3,200	2m	316 - 2/1	640	325	105	190	295	50	40	17	19	27	M20	13	34	48	56
5,000	2m	525 - 2/1	730	380	133	212	345	53	41	21	21	31	M24	18	48	60	61

Variable dimensions

WLL	Group	Hoist type	Hook travel	l	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	190
			14	520	154											200
			20	700	244											212
1,600	2m	308 - 2/1	26	885	377	61	460	460	490	490	315	375	385	420	200	224
			26	885	377											224
2,500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	255
			14	570	115											270
			20	775	258											290
			26	975	358											310
3,200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	-	420	-	250	270
			14	570	155											290
			20	775	258											310
			26	975	358											330
5,000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	380
			14	590	157											410
			20	795	260											440
			26	995	360											470

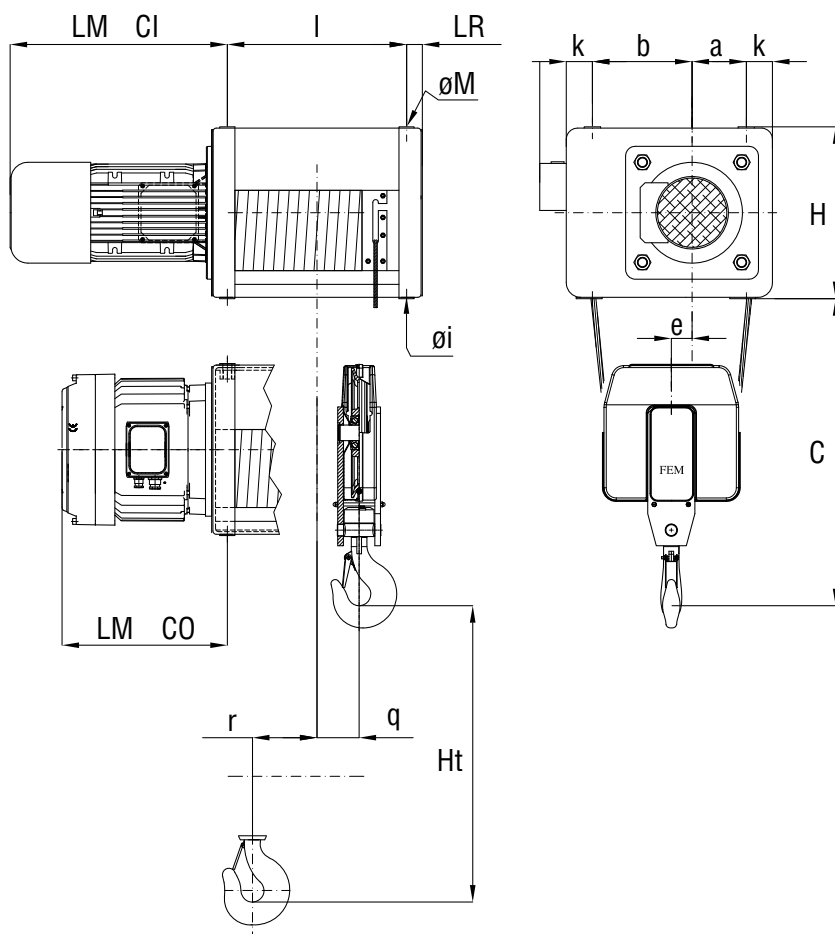
Static reactions



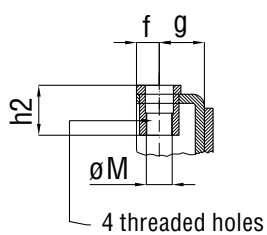
Hoist type	WLL	Hook travel															
		H10				H14				H20				H26			
RX	kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
308	1,000	384	443	168	195	417	482	140	161	445	513	118	136	463	533	106	122
308	1,600	588	678	243	281	639	738	197	226	681	786	160	185	708	817	139	160
312	2,000	784	757	363	351	857	828	298	287	924	894	240	232	965	932	210	203
312	2,500	963	930	438	424	1,053	1,018	356	343	1,136	1,099	282	273	1,185	1,146	244	235
316	3,200	1,217	1,177	547	529	1,333	1,288	442	427	1,438	1,390	347	335	1,499	1,449	296	286
525	3,200	1,204	1,226	570	580	1,321	1,345	468	476	1,427	1,451	378	384	1,490	1,516	329	335
525	4,000	1,481	1,507	690	702	1,625	1,654	561	570	1,755	1,785	446	454	1,832	1,863	384	391
525	5,000	1,827	1,859	840	854	2,005	2,040	677	688	2,165	2,202	532	541	2,259	2,298	452	461

RX foot mounted hoist S2 – Rope falls 2/1

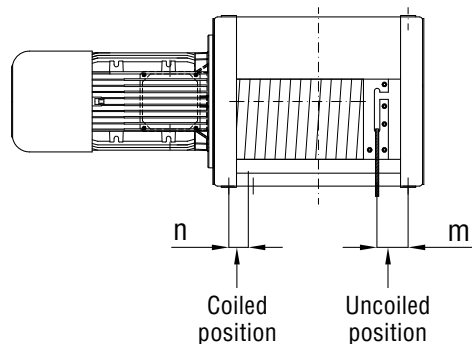
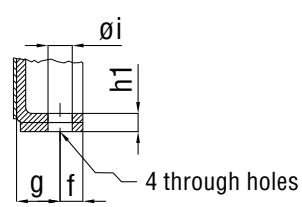
- ▶ RX 740, 750, 963, 980, 1100, 1125
- ▶ Type 5 supported; Type 5C1 suspended
- ▶ Capacity 6,300 – 25,000 kg



Suspended hoist anchorage



Supported hoist anchorage



Fixed dimensions

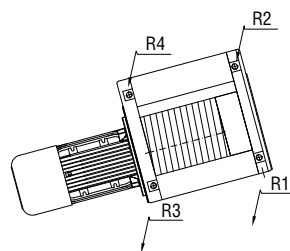
WLL	Group	Hoist type	C	H	a	b	(a+b)	d	k	e	øi	f	g	øM	h1	h2	m	n
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6,300	3m	740 - 2/1	840	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
8,000	2m	740 - 2/1	840	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
10,000	2m	750 - 2/1	1000	530	168	307	475	636	81	64	25	24	45	M27	17	47	65	85
10,000	3m	963 - 2/1	1100	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
12,500	2m	963 - 2/1	1100	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
16,000	1Am	980 - 2/1	1100	625	200	340	540	725	92	66	39	29	60	M36	24	66	55	90
20,000	2m	1100 - 2/1	1330	810	233	452	685	964	138	89	39	40	80	M30*	19	58	75	120
25,000	1Am	1125 - 2/1	1330	810	233	452	685	964	138	89	39	40	80	M30*	19	58	75	120

*Not suitable for suspended version.

Variable dimensions

WLL	Group	Hoist type	Hook travel	l	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight										
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg										
6,300	3m	740 - 2/1	13	563	130	83	670	-	670	-	480	-	520	-	45	700										
8,000	2m		18	713	160	133										730										
			25	928	268											800										
10,000	2m		750 - 2/1	32	1143	375										133	870									
		13		563	135	83	710																			
		18		713	160	133	750																			
		25		928	268		820																			
10,000	3m	963 - 2/1	32	1143	375	134	760	-	760	-	495	-	535	-	60	930										
			20	840	230											1095										
			32	1255	438											1210										
			48	1755	688											1466										
12,500	2m	963 - 2/1	20	840	230	134	760	-	760	-	495	-	535	-	60	1095										
			32	1255	438											1210										
			48	1755	688											1466										
			20	840	230											1256										
16,000	1Am	980 - 2/1	32	1255	438	134	760	-	760	-	495	-	535	-	60	1460										
			48	1755	688											1710										
			22	977	305											100	850	-	860	-	555	-	585	-	150	2400
			28	1162	400																					2470
20,000	2m	1100 - 2/1	36	1402	520	100	850	-	860	-	555	-	585	-	150	2660										
			52	1912	775											2930										
			22	977	305											100	850	-	860	-	555	-	585	-	150	2400
			28	1162	400																					2470
25,000	1Am	1125 - 2/1	36	1402	520	100	850	-	860	-	555	-	585	-	150	2660										
			52	1912	775											2970										

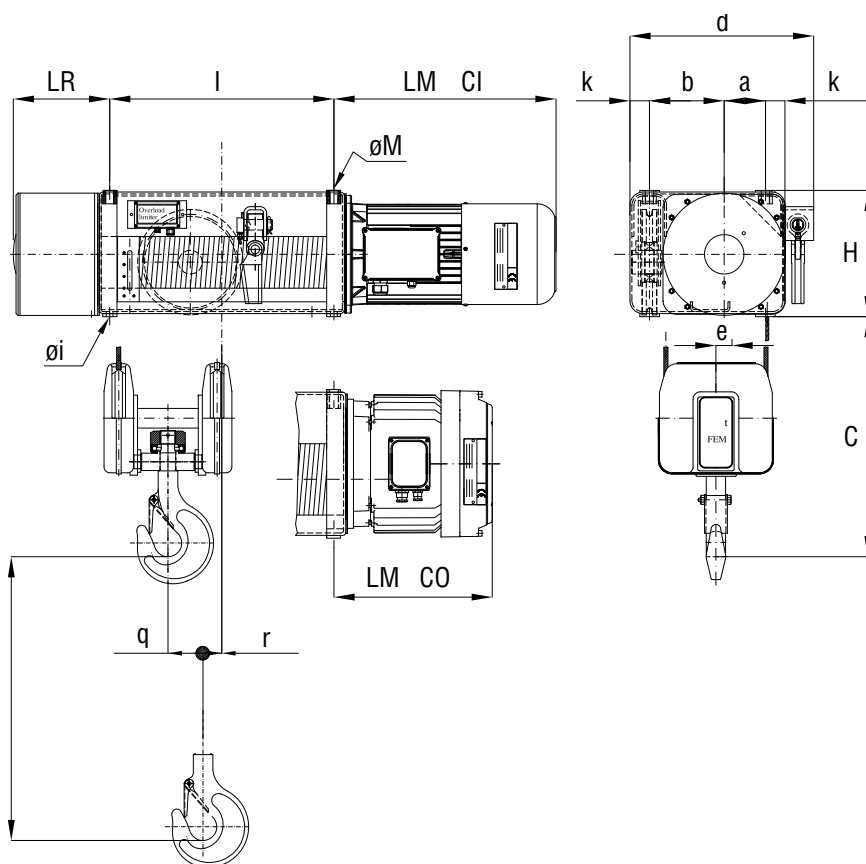
Static reactions



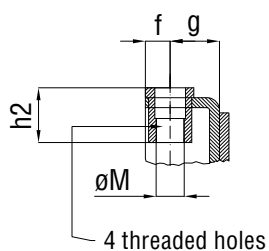
Hoist	WLL	Hook travel															
		H13				H18				H25				H32			
RX	kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
740	6,300	2562	2435	1027	976	2534	2410	1069	1017	2763	2626	877	834	2909	2765	767	729
740	8,000	3202	3045	1258	1195	3166	3009	1310	1245	3450	3280	1061	1009	3630	3452	917	871
750	10,000	4113	3994	1316	1277	4505	4374	939	912	4743	4604	737	716	4760	4622	755	733
RX	Kg	H20				H32				H48				-			
963	10,000	4220	4097	1410	1368	4249	4125	1439	1397	4314	4188	1504	1460	-	-	-	-
963	12,500	5201	4125	1439	1397	5231	4188	1504	1460	5296	5050	1697	1647	-	-	-	-
980	16,000	7210	4188	1504	1460	7594	5050	1697	1647	7659	5078	1726	1675	-	-	-	-
RX	Kg	H20				H24				H30				H44			
1100	20,000	9286	8237	2585	2292	9648	8559	2259	2004	9985	8857	2023	1795	10437	9258	1736	1539
1125	25,000	11438	10146	3082	2734	11885	10543	2672	2370	12293	10904	2365	2098	12836	11385	1987	1762

RX foot mounted hoist S4 – Rope falls 4/1

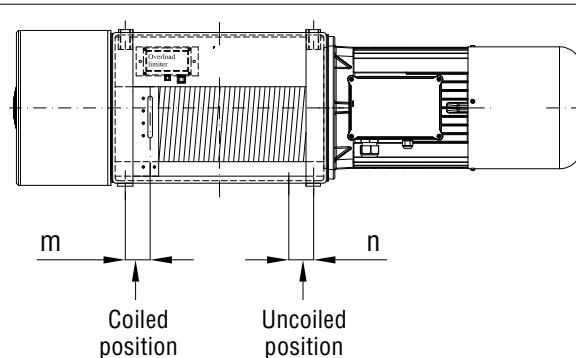
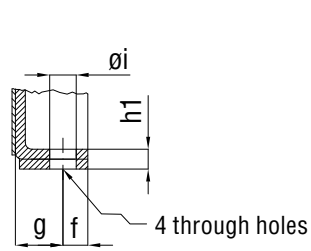
- ▶ RX 308, 312, 316, 525
- ▶ Type 5 supported; Type 5C1 suspended
- ▶ Capacity 2,000 – 10,000 kg



Suspended hoist anchorage



Supported hoist anchorage

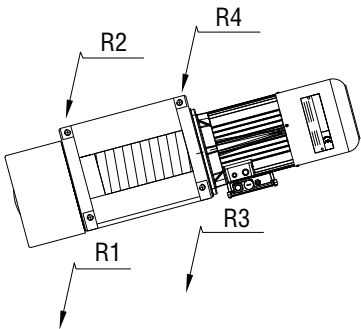


Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	(a+b)	k	e	d	øi	f	g	øM	h1	h2	m	n
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2,000	3m	308 - 4/1	520	325	105	190	295	50	27	467	15	19	27	M14	13	28	45	48
3,200	2m	308 - 4/1	520	325	105	190	295	50	27	467	15	19	27	M14	13	28	45	48
5,000	2m	312 - 4/1	590	325	105	190	295	50	21	467	17	19	27	M20	13	34	48	56
6,300	2m	316 - 4/1	640	325	105	190	295	50	21	467	17	19	27	M20	13	34	48	56
10,000	2m	525 - 4/1	730	380	133	212	345	53	17	522	21	21	31	M24	18	48	60	61

Variable dimensions

WLL	Group	Hoist type	Hook travel	l	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
2,000	3m	308 - 4/1	7	520	90	17	460	460	490	490	315	375	385	420	200	217
			10	700	180	-28										234
3,200	2m		13	885	273	-75										245
5,000	2m	312 - 4/1	7	570	84	33	460	460	490	565	375	420	420	420	250	300
			10	775	187	-20										323
			13	975	287	-70										350
6,300	2m	316 - 4/1	7	570	84	33	460	565	500	565	375	-	420	-	250	320
			10	775	187	-20										340
			13	975	287	-70										370
10,000	2m	525 - 4/1	7	590	73	45	600	650	600	650	415	465	460	505	270	460
			10	795	176	-8										500
			13	995	267	-58										530

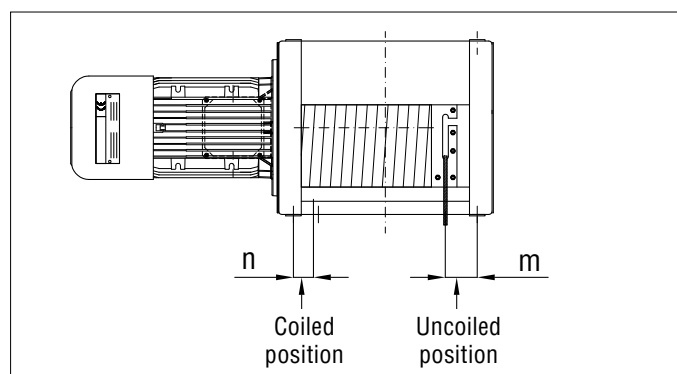
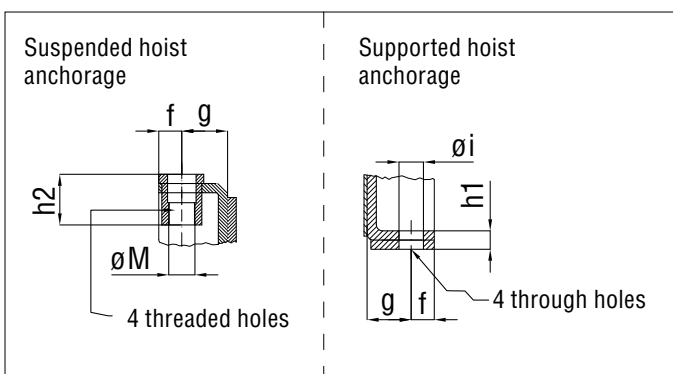
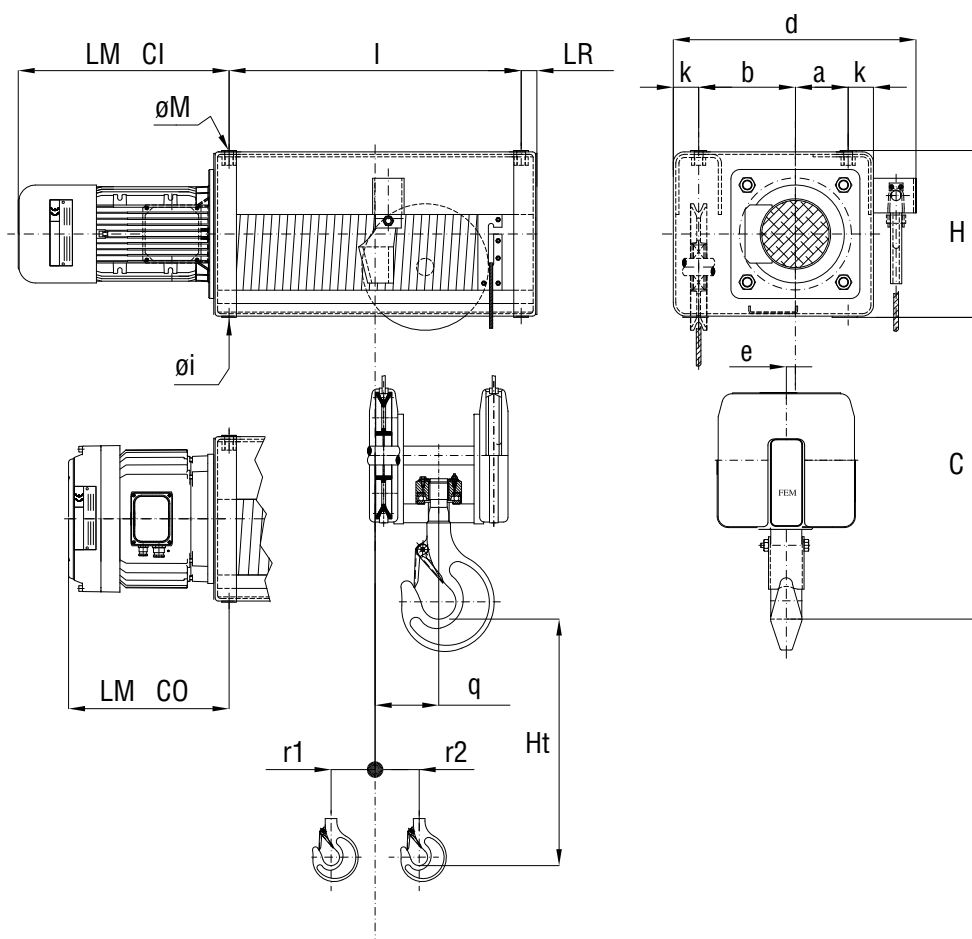


Static reactions

Hoist type	WLL	Hook travel											
		H7				H10				H13			
RX	kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
308	2,000	827	669	398	323	919	745	315	255	981	795	259	210
308	2,500	1,018	745	315	255	1,133	795	259	210	1,209	824	483	392
308	3,200	1,286	795	259	210	1,431	824	483	392	1,528	917	378	306
312	4,000	1,548	1,154	915	683	1,775	1,324	701	523	1,910	1,424	582	434
312	5,000	1,913	1,324	701	523	2,195	1,424	582	434	2,361	1,426	1,123	838
316	6,300	2,393	1,784	1,400	1,043	2,745	2,046	1,059	790	2,953	2,201	868	648
525	6,300	2,349	1,807	1,472	1,132	2,713	2,087	1,131	869	2,947	2,266	1,835	1,412
525	8,000	2,947	2,266	1,835	1,412	3,405	2,619	1,399	1,077	3,670	2,822	1,152	886
525	10,000	3,650	2,808	2,262	1,740	4,219	3,245	1,716	1,320	4,547	3,498	1,404	1,081

RX foot mounted hoist S4 – Rope falls 4/1

- ▶ RX 740, 750, 963, 980, 1100, 1125
- ▶ Type 5 supported; Type 5C1 suspended
- ▶ Capacity 12,500 – 50,000 kg



Fixed dimensions

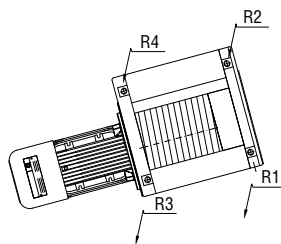
WLL	Group	Hoist type	C	H	a	b	s (a + b)	d	k	e	øi	f	g	øM	h1	h2	m	n
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12,500	3m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
16,000	2m	740 - 4/1	840	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20,000	2m	750 - 4/1	880	530	168	307	475	771	81	30	25	24	45	M27	17	47	65	85
20,000	3m	963 - 4/1	1,000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
25,000	2m	963 - 4/1	1,000	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
32,000	1Am	980 - 4/1	1,100	625	200	340	540	860	92	29	39	29	60	M36	24	66	55	90
40,000	2m	1100 - 4/1	1,200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120
50,000	1Am	1125 - 4/1	1,200	810	233	452	685	1140	138	54	39	40	80	M30*	19	58	75	120

*Not suitable for suspended version.

Variable dimensions

WLL	Group	Hoist type	Hook travel	l	q	r1	r2	Cylindrical Motor / LM-CI				Conical MCotor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
12,500	3m	740 - 4/1	6,5	563	35	71	-	670	-	670	480	480	-	520	-	45	740
			9	713	115	31	-										860
			12,5	928	223	-	22										920
16,000	2m	750 - 4/1	16	1,143	330	-	76										990
			6,5	563	38	69	-										920
			9	713	115	31	-										970
			12,5	928	223	-	22										1,040
			16	1,143	330	-	76										1,100
			10	840	130	52	-										1,140
20,000	2m	963 - 4/1	16	1,255	338	-	51	760	-	760	495	495	-	535	-	60	1,350
			24	1,755	588	-	177										1,600
			10	840	130	52	-										1,140
		963 - 4/1	16	1,255	338	-	51	760	-	760	495	495	-	535	-	60	1,350
			24	1,755	588	-	177										1,600
			10	840	130	52	-										1,440
32,000	1Am	980 - 4/1	16	1,255	338	-	51	760	-	760	495	495	-	535	-	60	1,640
			24	1,755	588	-	177										1,900
			11	977	193	12	-										2,670
		1100 - 4/1	14	1,162	285	-	35	850	-	860	555	555	-	585	-	150	2,820
			18	1,402	405	-	95										3,030
			26	1,912	660	-	222										3,450
		1125 - 4/1	11	977	793	12	-	850	-	860	555	555	-	585	-	150	2,670
			14	1,162	285	-	35										2,820
			18	1,402	405	-	95										3,030
			26	1,912	660	-	222										3,450

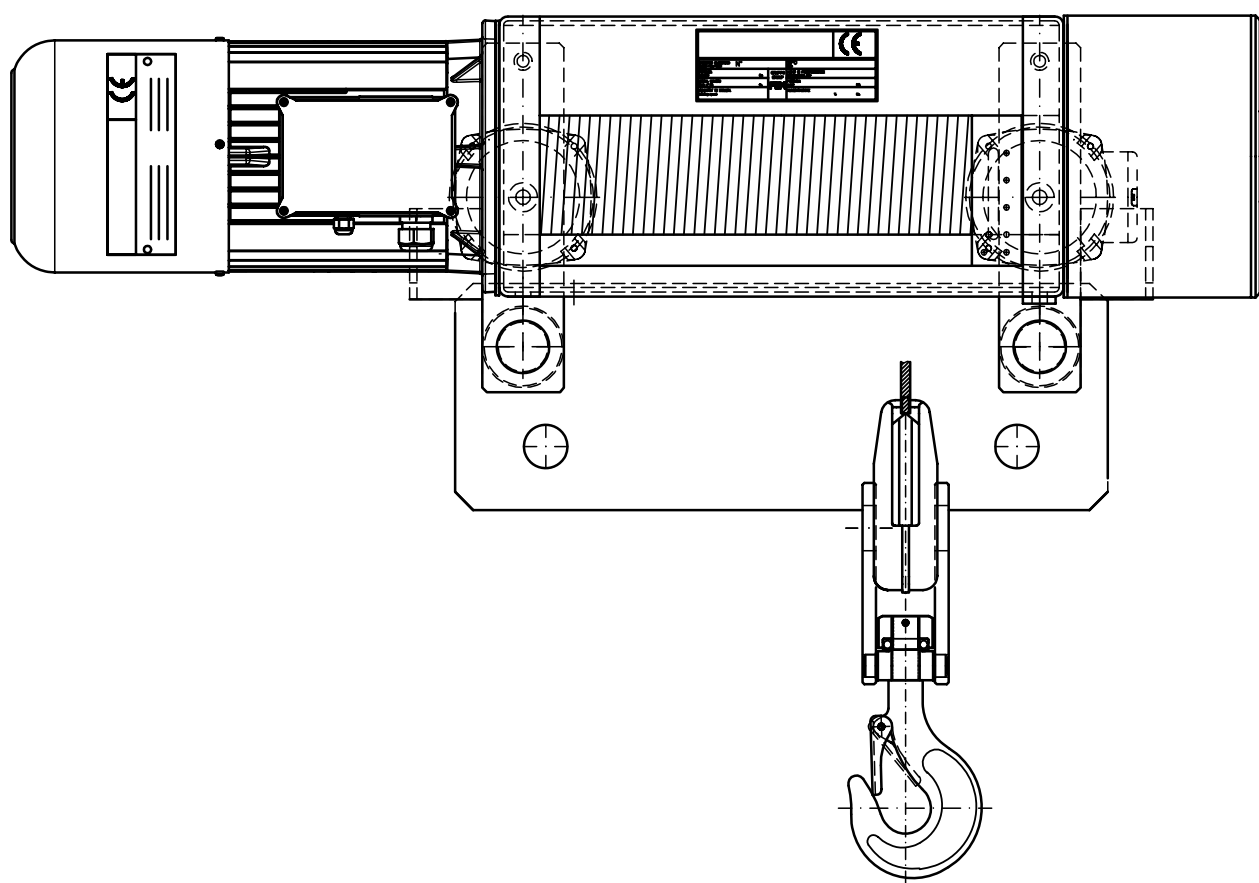
Static reactions



Hoist	WLL	Hook travel															
		H6,5				H9				H12,5				H16			
RX	kg	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN	R1 daN	R2 daN	R3 daN	R4 daN
740	12,500	4,350	3,069	3,413	2,408	5,110	3,606	2,723	1,921	3,677	5,713	4,030	2,156	6,091	4,298	1,818	1,283
740	16,000	5,506	3,884	4,309	3,041	6,467	-	-	-	4,586	7,232	5,102	2,689	7,232	5,102	2,689	1,897
750	20,000	6,880	4,855	5,385	3,800	8,052	-	-	-	5,680	9,006	6,354	3,330	9,595	6,770	2,776	1,959
RX	kg	H10				H16				H24				-			
963	20,000	7,887	5,808	4,288	3,157	9,280	6,834	3,016	2,220	4,034	10,117	7,449	2,323	-	-	-	-
963	25,000	9,773	7,196	5,282	3,889	11,496	8,464	3,680	2,710	4,859	12,521	9,220	2,798	-	-	-	-
980	32,000	12,511	9,213	6,748	4,968	14,702	10,826	4,672	3,440	6,117	16,001	11,782	3,523	-	-	-	-
RX	kg	H10				H12				H15				H22			
1100	40,000	17,037	12,285	7,755	5,593	18,202	13,125	6,678	4,815	19,287	13,908	5,714	4,121	20,732	14,950	4,513	3,255
1125	50,000	21,090	15,208	9,513	6,859	22,532	16,248	8,158	5,882	23,871	17,213	6,941	5,005	25,643	18,491	5,413	3,903

RX WIRE ROPE HOISTS

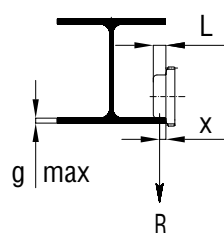
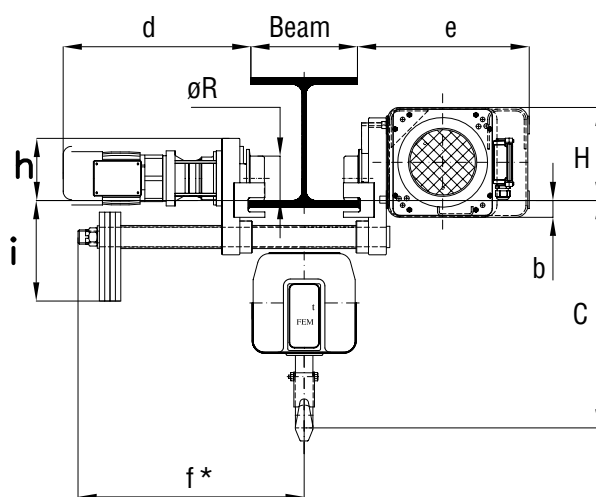
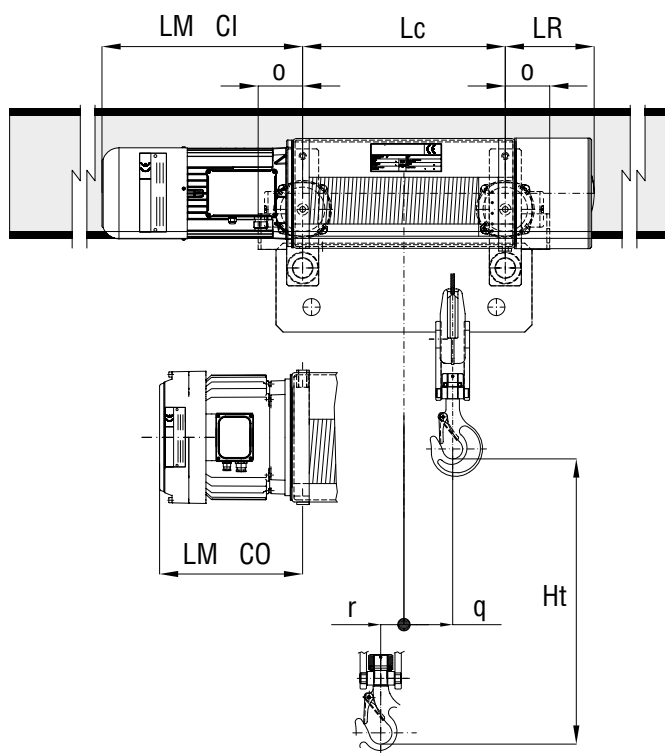
With low headroom



RX Wire Rope Hoists

S2 – Rope falls 2/1

- ▶ RX 308, 312, 316, 525
- ▶ Type 83 Monorail Trolley
- ▶ Low Headroom



Wheel diameter	x	L	g max
mm	mm	mm	mm
125	20	40	28

R = Per single wheel

Fixed dimensions

WLL	Group	Hoist type	C	H	e	d	h	i	øR	b	f*	o	Min flange width	Max beam flange x C quote
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,000	3m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
1,600	2m	308 - 2/1	700	240	470	430	140	290	125	70	620	100	110	300
2,500	2m	312 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
3,200	2m	316 - 2/1	680	240	470	430	140	290	125	70	620	100	110	300
5,000	2m	525 - 2/1	730	305	550	485	140	340	125	75	650	100	110	300

For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

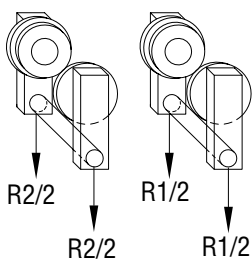
*The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Variable dimensions

WLL	Group	Hoist type	Hook travel	Lc	q	r	Cylindrical Motor / LM-CI				Conical MCotor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	360
			14	520	154											390
1,600	2m		20	700	244											430
			26	885	377											470
2,500	2m	312 - 2/1	10	440	90	77	460	460	490	565	375	420	420	420	250	435
			14	570	155											470
			20	775	258											520
			26	975	358											560
3,200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	-	420	-	250	460
			14	570	155											490
			20	775	258											530
			26	975	358											580
5,000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	650
			14	590	157											720
			20	795	260											760
			26	995	360											830

Static reactions

Motor side Reducer side



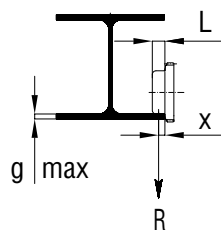
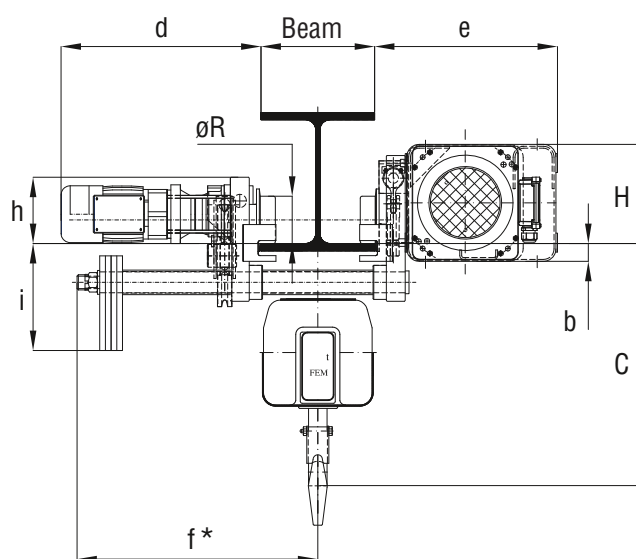
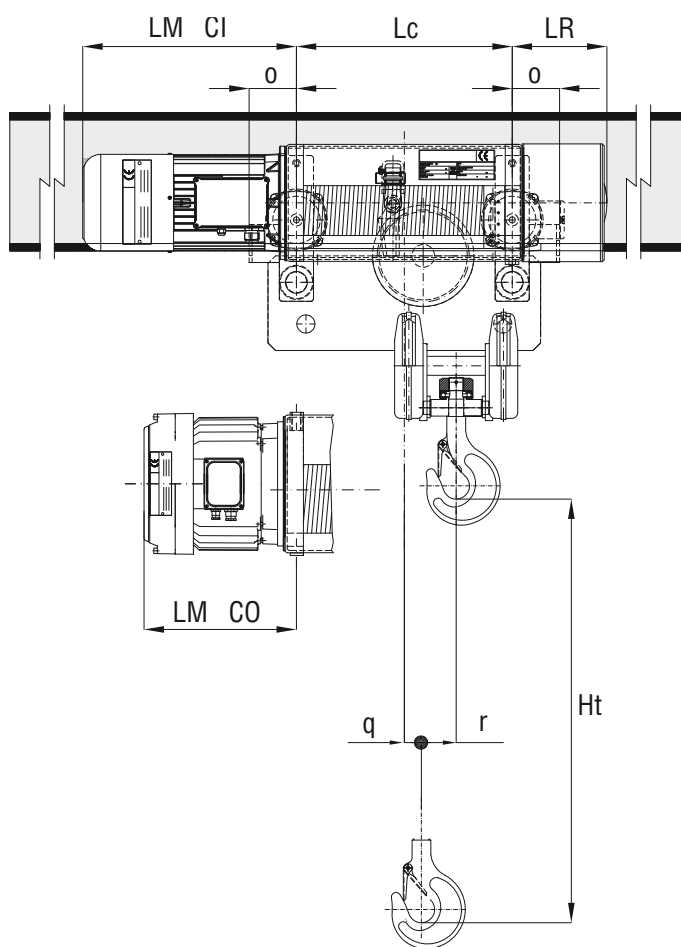
Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Hoist type	WLL	Hook travel							
		H10		H14		H20		H26	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1,000	917	452	998	401	1,071	368	1,124	355
308	1,600	1,355	614	1,476	523	1,580	459	1,652	427
312	2,000	1,639	814	1,793	695	1,941	597	2,030	548
312	2,500	1,992	961	2,179	809	2,357	681	2,464	614
316	3,200	2,497	1,181	2,729	979	2,945	803	3,081	717
525	3,200	2,578	1,300	2,833	1,115	3,050	938	3,197	861
525	4,000	3,136	1,542	3,446	1,302	3,711	1,077	3,886	1,844
525	5,000	3,834	1,844	4,212	1,536	4,538	1,250	4,748	1,110

RX Wire Rope Hoists

S4 – Rope falls 4/1

- ▶ RX 308, 312, 316, 525
- ▶ Type 83 Monorail Trolley
- ▶ Low Headroom



R = Per single wheel

Wheel diameter	x	L	g max
mm	mm	mm	mm
125	20	40	28
155	22	45	28

Fixed dimensions

WLL	Group	Hoist type	C	H	e	d	h	i	øR	b	f*	o	Min flange width	Max beam flange x C quote
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2,000	3m	308 - 4/1	680	245	470	430	140	290	125	66	620	100	110	300
3,200	2m	308 - 4/1	680	245	470	430	140	290	125	66	620	100	110	300
5,000	2m	312 - 4/1	620	245	470	475	140	290	125	66	650	100	110	300
6,300	2m	316 - 4/1	640	270	485	530	175	290	125	50	650	125	110	300
10,000	2m	525 - 4/1	700	305	525	535	175	320	155	50	750	125	110	300

For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

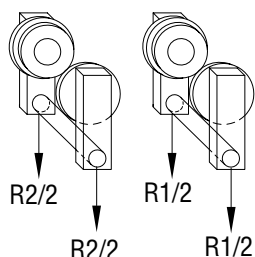
*The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Variable dimensions

WLL	Group	Hoist type	Hook travel	Lc	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
2,000	3m	308 - 4/1	7	520	90	17	460	460	490	490	315	375	385	420	200	420
			10	700	180	-28										460
3,200	2m		13	885	273	-75										500
5,000	2m	312 - 4/1	7	570	84	33	460	460	490	565	375	420	420	420	250	530
			10	775	187	-20										590
			13	975	287	-70										630
6,300	2m	316 - 4/1	7	570	84	33	460	565	500	565	375	-	420	-	250	550
			10	775	187	-20										600
			13	975	287	-70										650
10,000	2m	525 - 4/1	7	590	73	45	600	650	600	650	415	465	460	505	270	800
			10	795	176	-8										870
			13	995	267	-58										930

Static reactions

Motor side Reducer side

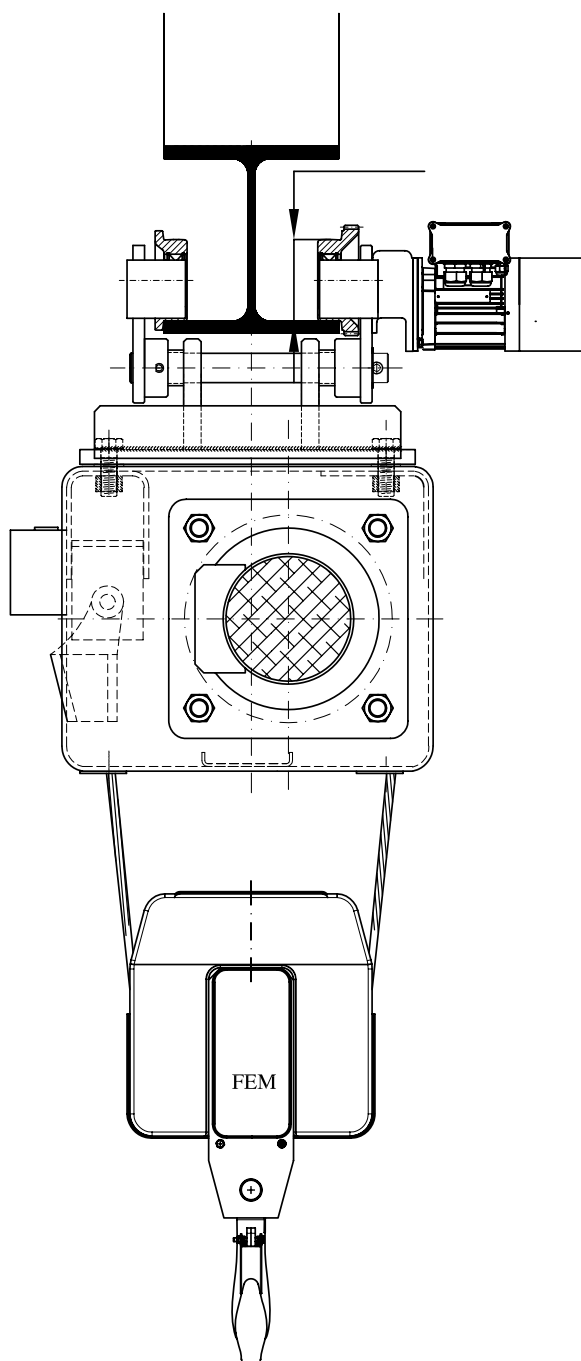


Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Hoist type	WLL	Hook travel					
		H7		H10		H13	
RX	kg	R1/2 daN	R2/2 daN	R1/2 daN	R2/2 daN	R1/2 daN	R2/2 daN
308	2,000	1,566	869	2,513	962	1,879	636
308	2,500	1,903	1,032	2,134	841	2,283	732
308	3,200	2,374	1,261	2,664	1,011	3,496	1,019
312	4,000	2,874	1,686	3,282	1,338	3,516	1,144
312	5,000	3,521	2,039	4,024	1,596	4,311	1,349
316	6,300	4,376	2,509	4,996	1,939	5,357	1,628
525	6,300	4,361	2,789	4,992	2,228	5,344	1,936
525	8,000	5,421	3,429	6,212	2,708	6,650	2,330
525	10,000	6,668	4,182	7,647	3,273	8,187	2,793

RX WIRE ROPE HOISTS

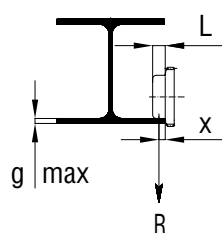
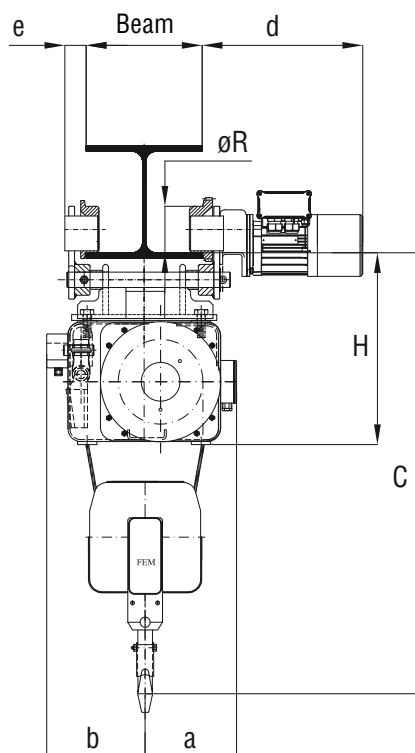
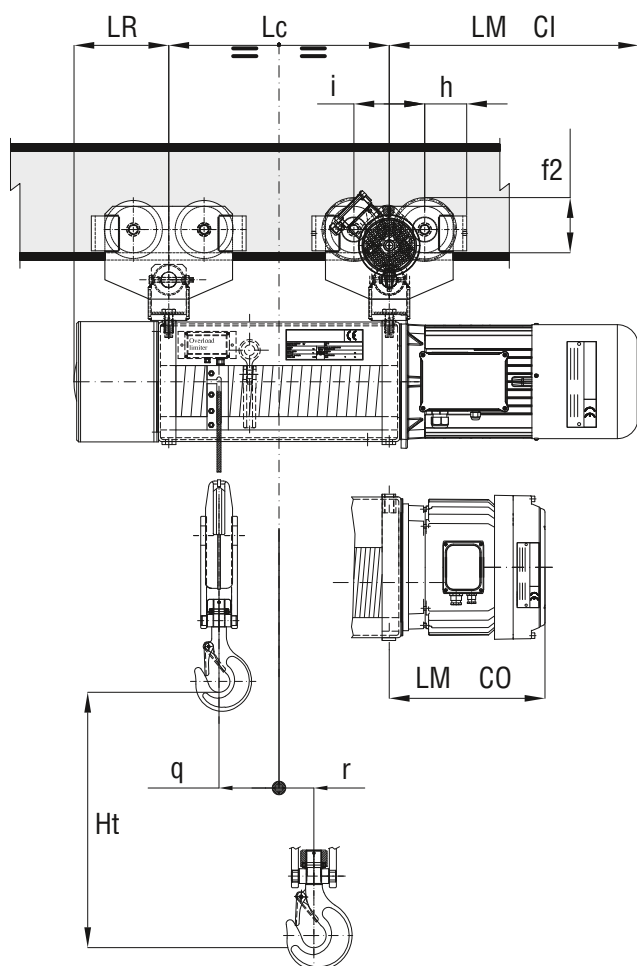
With normal headroom



RX Wire Rope Hoists

S2 – Rope falls 2/1

- ▶ RX 308, 312, 316, 525
- ▶ Type 3 Monorail Trolley
- ▶ Normal Headroom



R = Per single wheel

Wheel diameter	x	L	g max
mm	mm	mm	mm
120	17	35	25

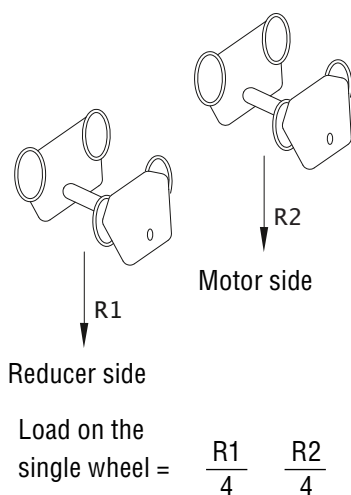
Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	d	e	øR	f2	i	h	Min flange width
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,000	3m	308 - 2/1	1,080	500	240	250	410	60	120	145	183	110	110
1,600	2m	308 - 2/1	1,080	500	240	250	410	60	120	145	183	110	110
2,500	2m	312 - 2/1	1,140	510	240	250	410	60	120	145	183	110	110
3,200	2m	316 - 2/1	1,140	510	240	250	410	60	120	145	183	110	110
5,000	2m	525 - 2/1	1,290	560	280	260	410	60	120	145	183	110	110

Variable dimensions

WLL	Group	Hoist type	Hook travel	Lc	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,000	3m	308 - 2/1	10	395	91	61	460	460	490	490	315	375	385	420	200	320
			14	520	154											330
			20	700	244											350
1,600	2m		26	885	377											360
			10	440	90	77	460	460	490	565	375	420	420	420	250	390
2,500	2m	312 - 2/1	14	570	155											400
			20	775	258											420
			26	975	358											440
3,200	2m	316 - 2/1	10	440	90	77	460	565	500	565	375	-	420	-	250	405
			14	570	155											415
			20	775	258											440
			26	975	358											460
5,000	2m	525 - 2/1	10	455	90	78	600	650	600	650	415	465	460	505	270	530
			14	590	157											620
			20	795	260											660
			26	995	360											630

Static reactions

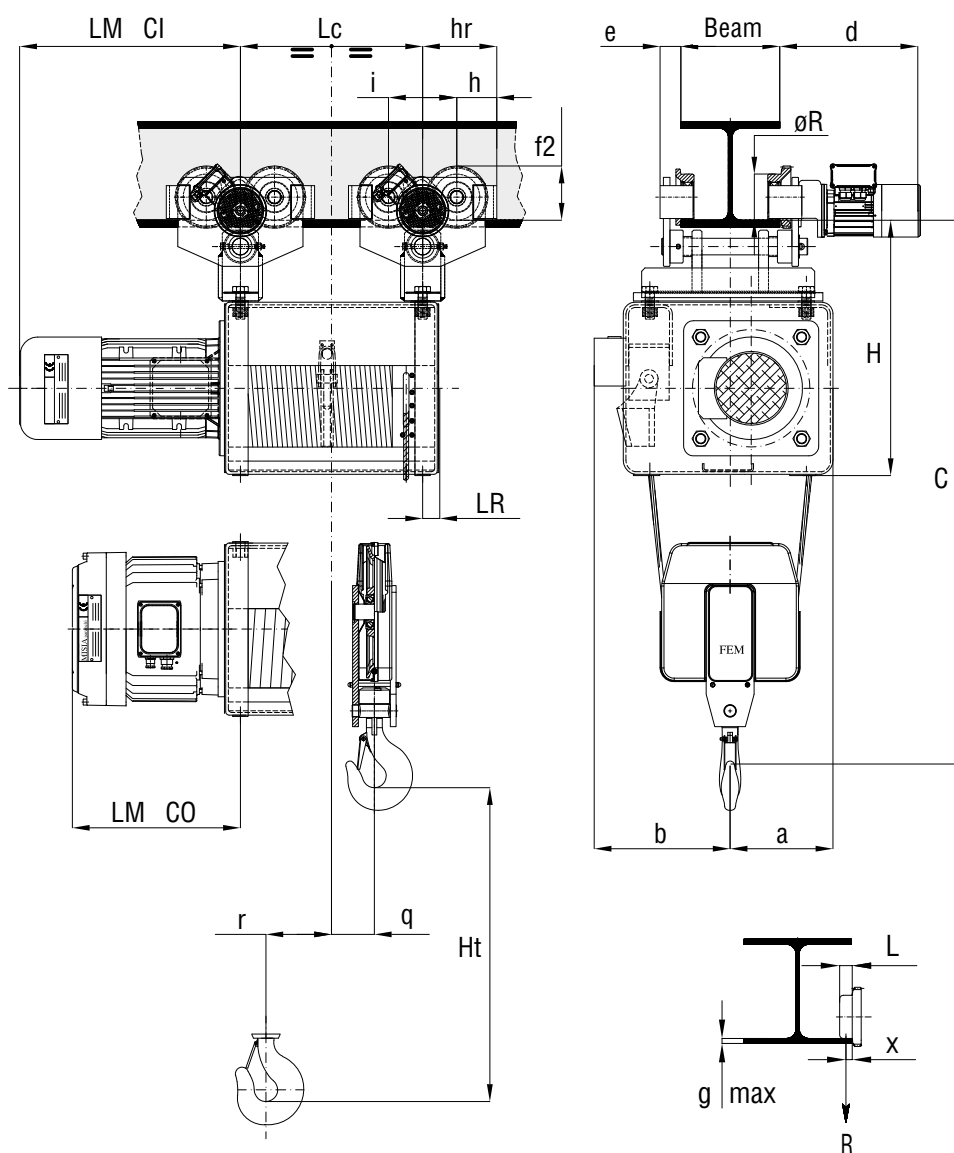


Hoist type	WLL	Hook travel							
		H10		H14		H20		H26	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1,000	898	433	968	371	1,031	328	1,069	300
308	1,600	1,336	595	1,446	493	1,540	419	1,597	372
312	2,000	1,617	791	1,758	660	1,891	547	1,970	488
312	2,500	1,969	939	2,144	774	2,307	631	2,404	554
316	3,200	2,470	1,153	2,692	941	2,900	758	3,021	657
525	3,200	2,543	1,265	2,783	1,065	3,000	888	3,127	791
525	4,000	3,101	1,507	3,396	1,252	3,661	1,027	3,816	902
525	5,000	3,799	1,809	4,162	1,486	4,488	1,200	4,678	1,040

RX Wire Rope Hoists

S2 – Rope falls 2/1

- ▶ RX 740, 750, 963
- ▶ Type 3 Monorail Trolley
- ▶ Normal Headroom
- ▶ Capacity 6,300 – 16,000 kg



R = Per single wheel

Wheel diameter	x	L	g max
mm	mm	mm	mm
140	20	40	25

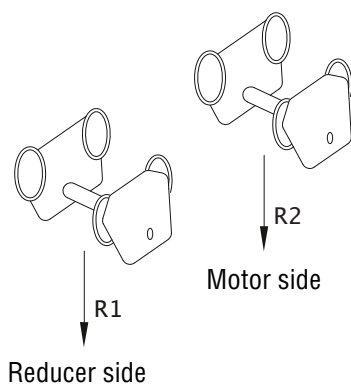
Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	d	e	øR	f2	i	h	hr	Min flange width
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6,300	3m	740 - 2/1	1,650	775	410	410	410	70	140	165	207	125	225	120
8,000	2m	740 - 2/1	1,650	775	410	410	410	70	140	165	207	125	225	120
10,000	2m	750 - 2/1	1,810	775	410	410	410	70	140	165	207	125	225	120
10,000	3m	963 - 2/1	2,110	900	410	450	410	70	140	165	207	125	225	120
12,500	2m	963 - 2/1	2,110	900	410	450	410	100	140	165	207	125	225	150
16,000	1Am	980 - 2/1	2,110	900	410	450	350	250	160	235	310	150	310	150

Variable dimensions

WLL	Group	Hoist type	Hook travel	Lc	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight									
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg									
6,300	3m	740 - 2/1	13	563	130	83	670	-	670	-	480	-	520	-	45	910									
			18	713	160	133										950									
8,000	2m		25	928	268											133	1,010								
			32	1,143	375	1,090																			
10,000	2m	750 - 2/1	13	563	135	83										670	-	670	-	480	-	520	-	45	920
			18	713	160	133																			970
			25	928	268																				133
			32	1,143	375	1,192																			
10,000	3m	963 - 2/1	20	840	230	134																			760
			32	1,255	438		1,790																		
			48	1,755	688		2,040																		
12,500	2m	963 - 2/1	20	840	230	134	760	-	760	-	495	-	535	-	60										1,590
			32	1,255	438																				1,790
			48	1,755	688											2,040									
16,000	1Am	980 - 2/1	20	840	230	134	760	-	760	-	495	-	535	-	60	1,830									
			32	1,255	438											2,030									
			48	1,755	688											2,280									

Static reactions



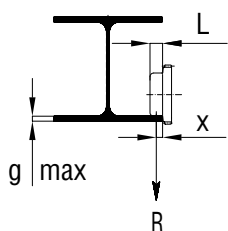
Load on the single wheel = $\frac{R1}{4}$ $\frac{R2}{4}$

Hoist	WLL	Hook travel							
		H13		H18		H25		H32	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	6,300	5,111	2,169	5,089	2,231	5,530	1,850	5,820	1,640
740	8,000	6,353	2,627	6,321	2,699	6,871	2,209	7,228	1,932
750	10,000	7,820	3,170	7,780	3,260	8,463	2,647	8,939	2,331
RX	kg	H20		H32		H48		-	
963	10,000	8,606	3,067	9,481	2,422	10,041	2,112	-	-
963	12,500	10,540	3,633	11,603	2,800	12,271	2,382	-	-
980	16,000	13,480	4,595	14,790	3,465	15,613	2,892	-	-

RX Wire Rope Hoists

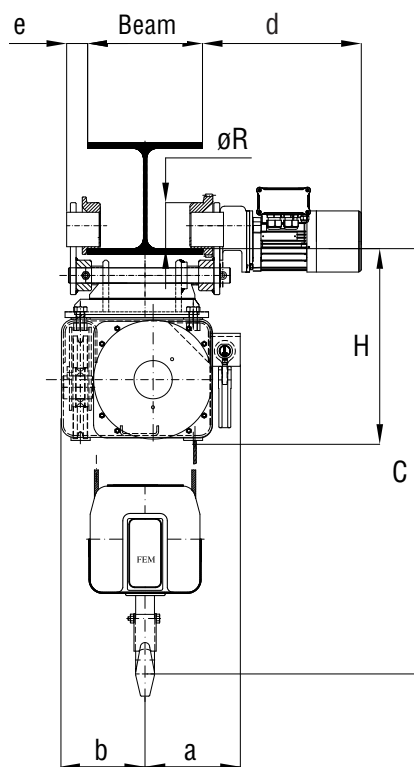
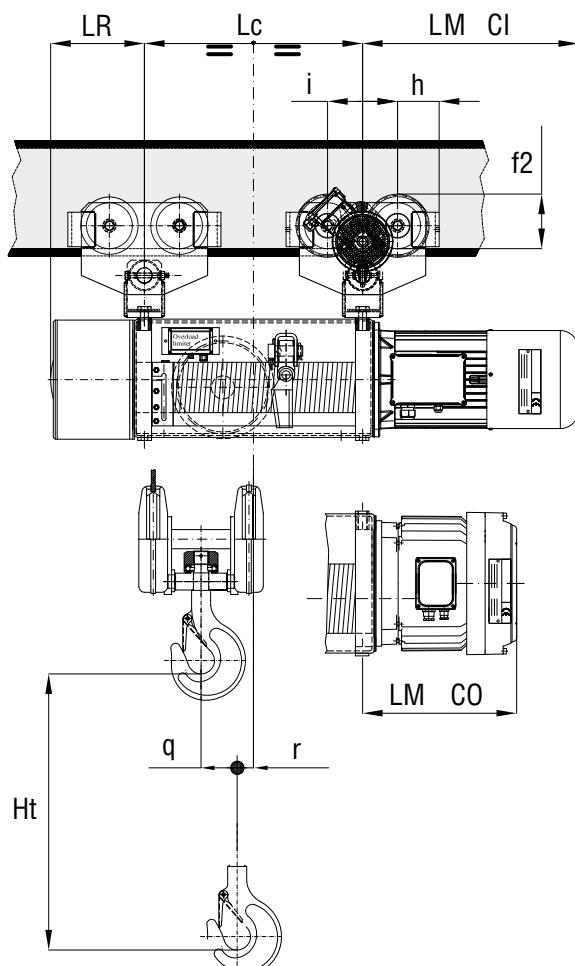
S4 – Rope falls 4/1

- ▶ RX 308, 312, 316, 525
- ▶ Type 3 Monorail Trolley
- ▶ Normal Headroom
- ▶ Capacity 2,000 – 10,000 kg



Wheel diameter	x	L	g max
mm	mm	mm	mm
120	17	35	25
140	20	40	25

R = Per single wheel



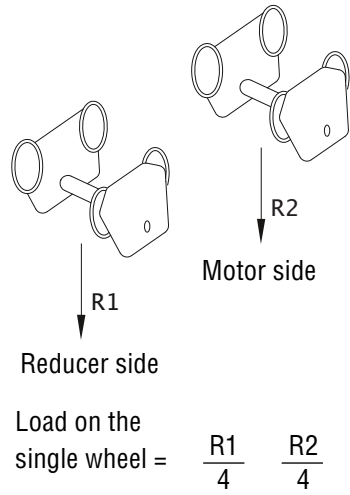
Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	d	e	øR	f2	i	h	Min flange width
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2,000	3m	308 - 4/1	1020	500	260	240	410	60	120	145	183	110	110
3,200	2m	308 - 4/1	1020	500	260	240	410	60	120	145	183	110	110
5,000	2m	312 - 4/1	1120	510	260	240	410	60	120	145	183	110	110
6,300	2m	316 - 4/1	1140	510	260	240	410	70	140	165	207	125	120
10,000	2m	525 - 4/1	1290	560	280	265	410	70	140	165	207	125	120

Variable Abmessungen

WLL	Group	Hoist type	Hook travel	Lc	q	r	Cylindrical CMotor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
2,000	3m	308 - 4/1	7	520	132	25	460	460	490	490	315	375	385	420	200	345
			10	700	222	69										360
3,200	2m		13	885	314	115										380
5,000	2m	312 - 4/1	7	570	137	19	460	460	490	565	375	420	420	420	250	430
			10	775	240	72										450
			13	975	340	122										480
6,300	2m	316 - 4/1	7	570	137	19	460	565	500	565	375	-	420	-	250	520
			10	775	240	72										540
			13	975	340	122										570
10,000	2m	525 - 4/1	7	590	133	15	600	650	600	650	415	465	460	505	270	680
			10	795	236	67										710
			13	995	336	117										740

Static reactions

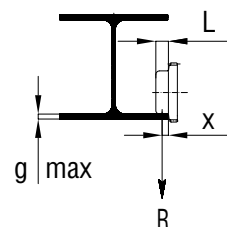
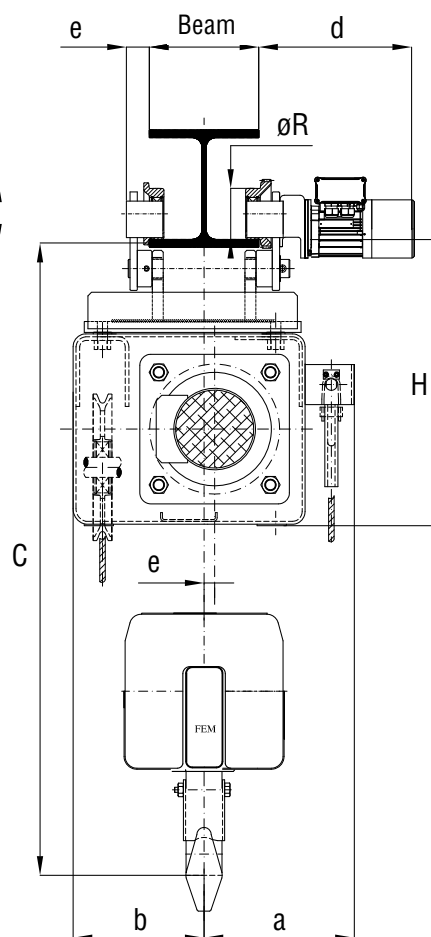
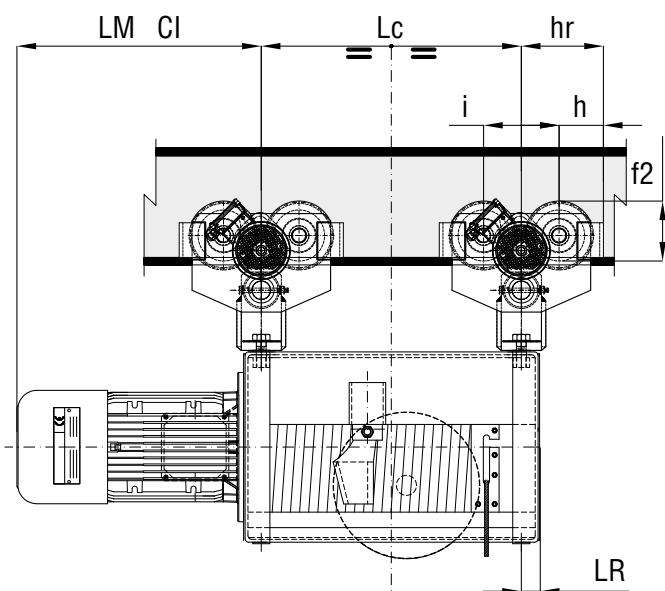


Hoist type	WLL	Hook travel					
		H7		H10		H13	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	2,000	1,529	831	1,706	669	1,819	576
308	2,500	1,865	995	2,084	791	1,865	995
308	3,200	2,336	672	2,614	961	2,789	806
312	4,000	2,827	1,638	3,216	1,269	3,445	1,070
312	5,000	3,475	1,990	3,957	1,528	4,240	1,275
316	6,300	4,361	2,494	4,966	1,909	5,317	1,588
525	3,200	4,307	2,733	4,943	2,601	5,257	1,843
525	8,000	5,367	3,373	6,169	2,601	6,563	2,237
525	10,000	6,615	4,125	7,612	3,158	8,100	2,700

RX Wire Rope Hoists

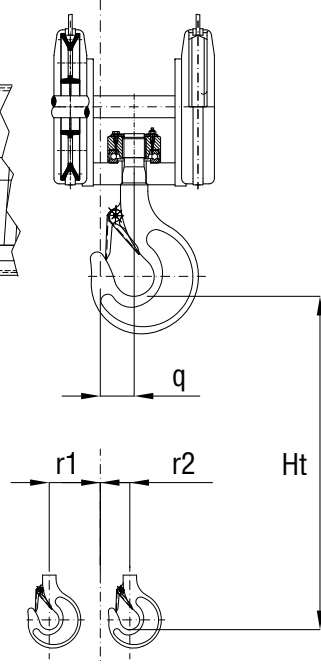
S4 – Rope falls 4/1

- ▶ RX 740, 750, 963
- ▶ Type 3 Monorail Trolley
- ▶ Normal Headroom
- ▶ Capacity 12,500 – 32,000 kg



R = Per single wheel

Wheel diameter	x	L	g max
mm	mm	mm	mm
140	20	40	25
210	20	40	40



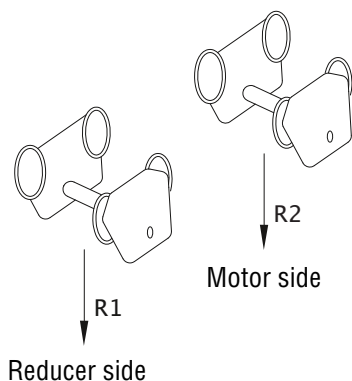
Fixed dimensions

WLL	Group	Hoist type	C	H	a	b	d	e	øR	f2	i	h	Min flange width
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12,500	3m	740 - 2/1	1,600	785	415	360	410	70	160	165	207	125	150
16,000	2m	740 - 2/1	1,600	785	415	360	410	70	160	235	310	200	150
20,000	2m	750 - 2/1	1,740	910	415	360	310	140	160	235	310	200	150
20,000	3m	963 - 2/1	1,960	1,020	470	405	310	140	210	235	310	200	150
25,000	2m	963 - 2/1	1,960	1,020	470	405	310	140	210	235	310	200	150
32,000	1Am	980 - 2/1	2,040	1,020	470	405	310	140	210	235	310	200	150

Variable dimensions

WLL	Group	Hoist type	Hook travel	Lc	q	r1	r2	Cylindrical CMotor / LM-CI				Conical Motor / LM-CO				LR	Weight									
kg	FEM	RX	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg									
12,500	3m	740 - 4/1	6,5	563	35	71	-	670	-	670	-	480	-	520	-	45	1,240									
			9	713	115	31	-										1,360									
16,000	2m		12,5	928	223	-	22										1,430									
			16	1,143	330	-	76										1,500									
20,000	2m	750 - 4/1	-	-	-	-	-										670	-	670	-	480	-	520	-	45	-
			9	713	115	31	-																			1,470
			12,5	928	223	-	22																			1,540
			16	1,143	330	-	76																			1,690
20,000	3m	963 - 4/1	10	840	130	52	-	890	-	890	-	495	-	535	-	60										1,810
			16	1,255	338	-	51																			2,020
			24	1,755	588	-	177																			2,270
25,000	2m	963 - 4/1	10	840	130	52	-	890	-	890	-	495	-	535	-	60										1,810
			16	1,255	338	-	51										2,020									
			24	1,755	588	-	177										2,270									
32,000	1Am	980 - 4/1	10	840	130	52	-	890	-	890	-	495	-	535	-	60	2,110									
			16	1,255	338	-	51										2,340									
			24	1,755	588	-	177										2,560									

Static reactions

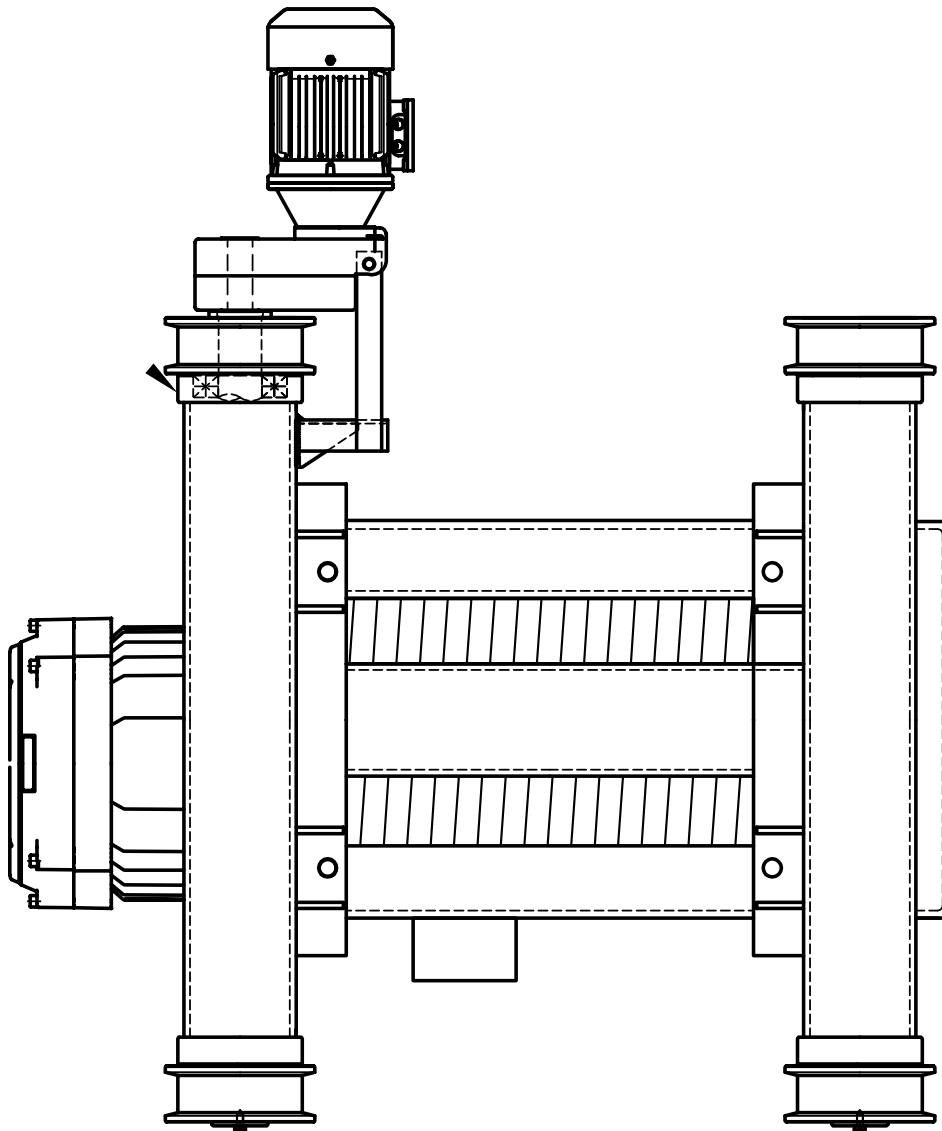


Load on the single wheel = $\frac{R1}{4}$ $\frac{R2}{4}$

Hoist type	WLL	Hook travel							
		H6,5		H9		H12,5		H16	
RX	Kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	12,500	7,701	6,132	9,027	4,956	10,345	3,708	10,706	3,417
740	16,000	9,669	7,664	11,342	6,141	13,016	4,537	13,466	4,157
750	20,000	12,033	9,529	14,055	7,557	16,137	5,545	16,691	5,061
RX	Kg	H10		H16		H24		-	
963	20,000	14,128	7,877	16,546	5,669	17,899	4,366	-	-
963	25,000	17,402	9,603	20,393	6,822	22,074	5,191	-	-
980	32,000	22,225	12,217	26,029	8,613	28,279	6,613	-	-

RX WIRE ROPE HOISTS

With birail trolley

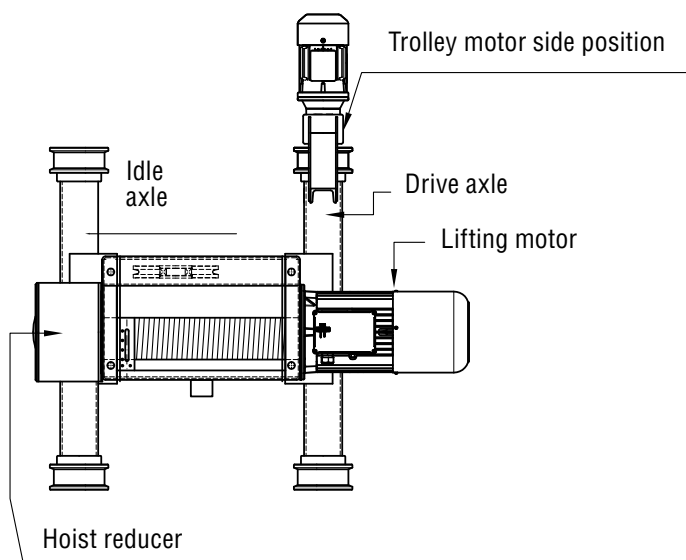


RX Standard hoist

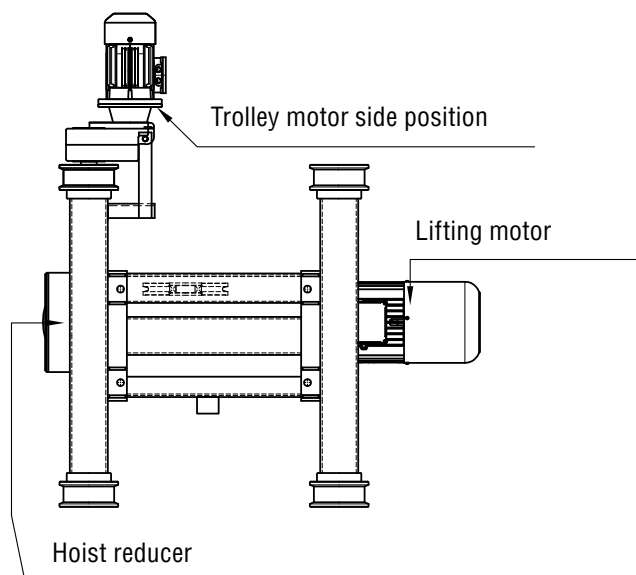
Hoist with birail trolley

► Motorreducer position for hoist size 308, 312, 316, 525

Hoist version supported



Hoist version suspended C1

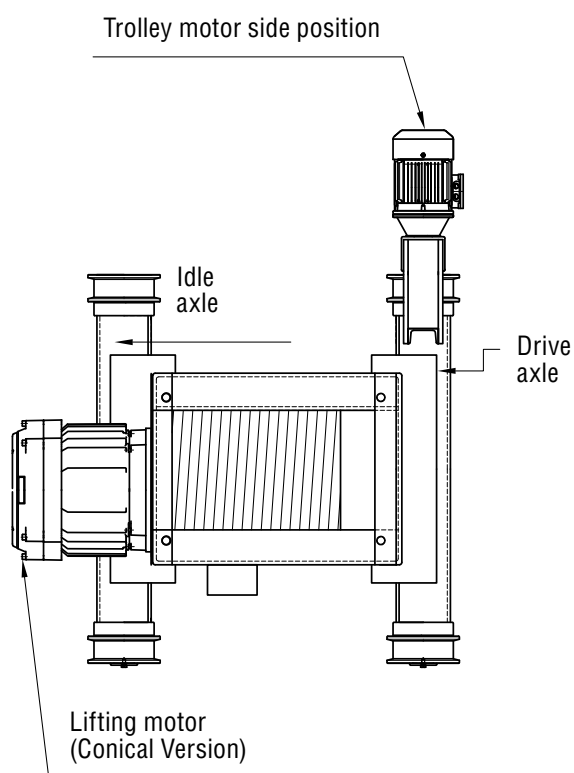


RX Standard hoist

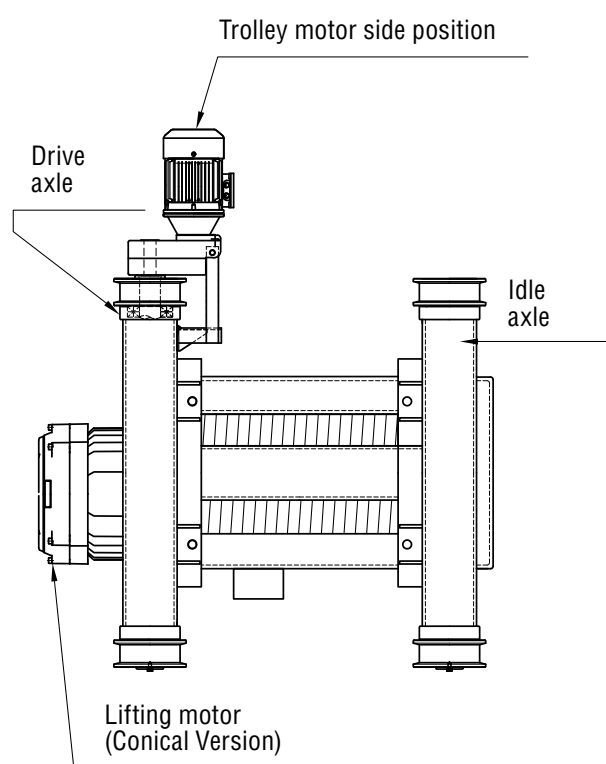
Hoist with birail trolley

► Motorreducer position for hoist size 740, 750, 963, 980, 1100, 1125

Hoist version supported

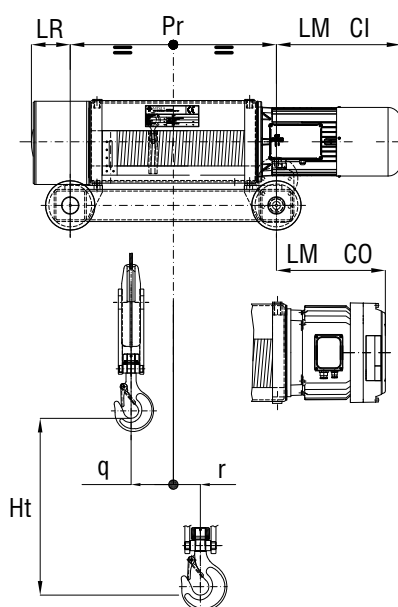


Hoist version suspended C1

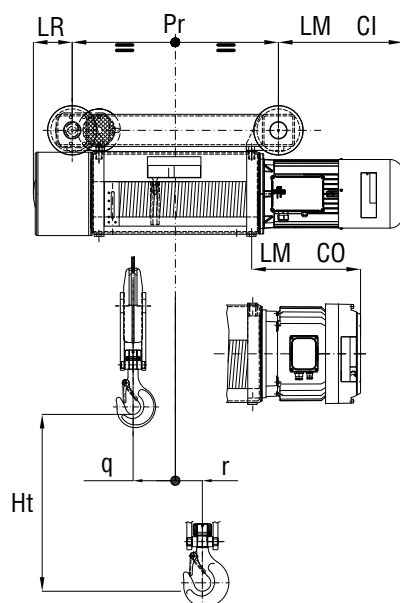
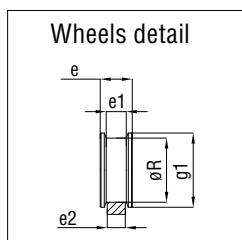
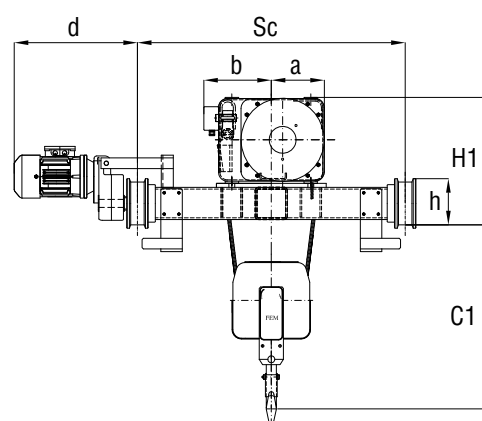


RX Wire Rope Hoists S2 – Rope falls 2/1

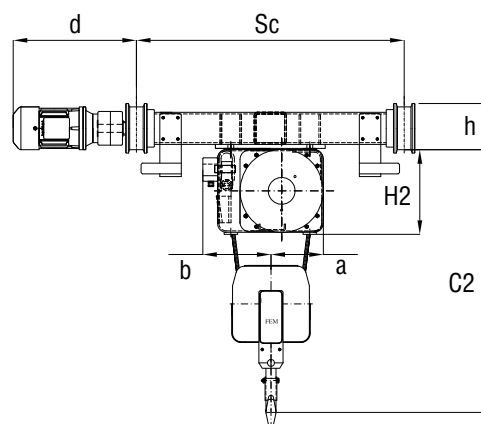
- ▶ RX 308, 312, 316, 525
- ▶ Type 53 hoist supported;
Type 53C1 hoist suspended
- ▶ With birail trolley



Type 53



Type 53C1



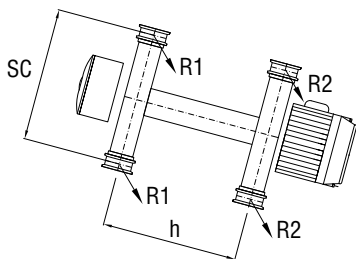
Fixed dimensions

WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	ø R	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,000	3m	308 - 2/1	570	900	1,000	490	320	240	250	460	175	160	80	50	40	185
1,600	2m	308 - 2/1	570	900	1,000	490	320	240	250	460	175	160	80	50	40	185
2,500	2m	312 - 2/1	640	965	1,000	490	320	240	250	460	175	160	80	50	40	185
3,200	2m	316 - 2/1	640	965	1,000	490	320	240	250	460	175	160	80	50	40	185
5,000	2m	525 - 2/1	730	1,110	1,000	550	390	250	275	520	175	160	80	50	40	185

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,000	3m	308 - 2/1	10	595	91	61	460	460	490	490	315	375	385	420	200	390
			14	720	154											425
1,600	2m		20	900	244											450
			26	1,085	377											470
2,500	2m	312 - 2/1	10	640	90	77	460	460	490	565	375	420	420	420	250	460
			14	770	155											500
			20	975	258											520
			26	1,175	358											550
3,200	2m	316 - 2/1	10	640	90	77	460	565	500	565	375	-	420	-	250	470
			14	770	155											510
			20	975	258											540
			26	1,175	358											570
5,000	2m	525 - 2/1	10	655	90	78	600	650	600	650	415	465	460	505	270	640
			14	790	157											680
			20	995	260											720
			26	1,195	360											750

Static reactions

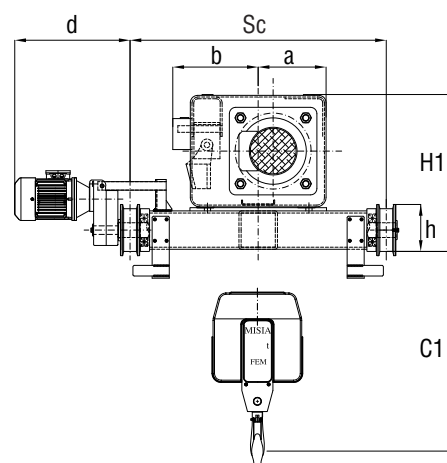
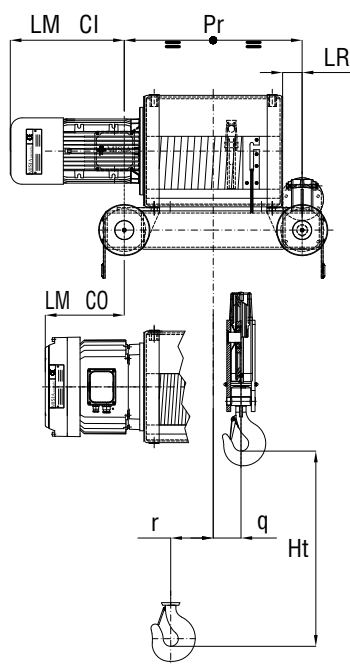


Hoist type	WLL	Hook travel							
		H10		H14		H20		H26	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1,000	458	242	467	251	502	228	527	213
308	1,600	672	328	681	337	733	297	770	270
312	2,000	823	417	833	427	927	393	950	335
312	2,500	998	491	1,008	501	1,118	452	1,151	384
316	3,200	1,246	598	1,256	608	1,366	514	1,437	457
525	3,200	1,292	642	1,298	656	1,409	566	1,481	509
525	4,000	1,573	762	1,578	777	1,714	661	1,801	588
525	5,000	1,923	911	1,927	928	2,094	780	2,202	687

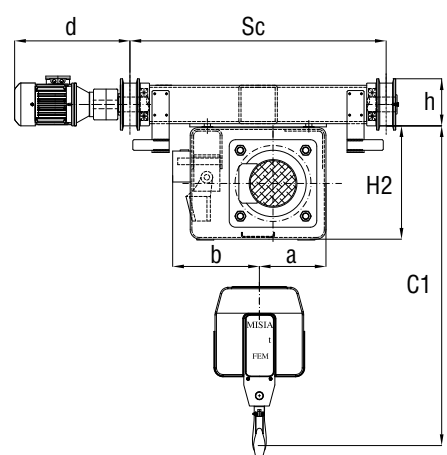
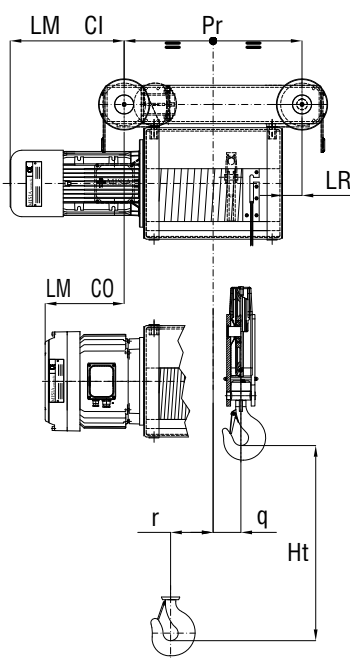
RX Wire Rope Hoists

S2 – Rope falls 2/1

- ▶ RX 740, 750, 963, 980, 1100, 1125
- ▶ Type 53 hoist supported;
Type 53C1 hoist suspended
- ▶ With birail trolley

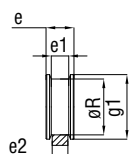


Type 53



Type 53C1

Wheels detail



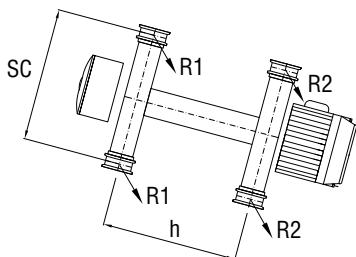
Fixed dimensions

WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	ø R	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6,300	3m	740 - 2/1	840	1,370	1,200	740	535	320	405	540	220	200	90	60	50	240
8,000	2m	740 - 2/1	840	1,370	1,200	740	535	320	405	540	220	200	90	60	50	240
10,000	2m	750 - 2/1	950	1,370	1,200	740	535	320	405	630	220	200	90	60	50	240
10,000	3m	963 - 2/1	1,100	1,700	1,450	880	615	370	450	630	270	250	90	60	50	290
12,500	2m	963 - 2/1	1,100	1,700	1,450	880	615	370	450	630	270	250	90	60	50	290
16,000	1Am	980 - 2/1	1,100	1,750	1,450	880	615	370	450	630	270	250	90	60	50	290
20,000	2m	1100 - 2/1	1,330	-	1,450	1,060	-	480	500	660	345	320	120	90	80	370
25,000	1Am	1125 - 2/1	1,330	-	1,450	1,060	-	480	500	660	345	320	120	90	80	370

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
6300	3m	740 - 2/1	13	843	130	83	670	-	670	-	480	-	520	-	45	1,185
			18	993	160											1,230
8000	2m		25	1,208	268	133										1,305
		750 - 2/1	32	1,423	375											1,390
			13	843	130	83										1,200
10,000	2m		18	993	160											1,250
		963 - 21	25	1,208	268	133	760	-	760	-	495	-	535	-	60	1,330
			32	1,423	375											1,500
			20	1,160	230											1,780
10,000	3m	963 - 21	32	1,575	438	134										2,010
			48	2,075	688											2,300
			20	1,160	230											1,780
12,500	2m	963 - 2/1	32	1,575	438	134	760	-	760	-	495	-	535	-	60	2,010
			48	2,075	688											2,300
			20	1,160	230											2,020
16,000	1Am	980 - 2/1	32	1,575	438	134										2,250
			48	2,075	688											2,600
			22	1,337	305											4,160
20,000	2m	1100 - 2/1	28	1,522	400	100	850	-	860	-	555	-	585	-	150	4,265
			36	1,762	520											4,520
			52	2,272	775											4,900
		1125 - 2/1	22	1,337	305											4,160
25,000	1Am		28	1,522	400	100										4,265
			36	1,762	520											4,520
			52	2,272	775											4,900

Static reactions

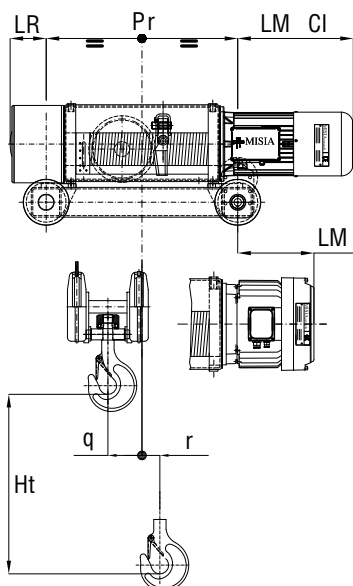


Hoist	WLL	Hook travel							
		H13		H18		H25		H32	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	6,300	2,397	1,407	2,431	1,396	2,709	1,155	2,800	1,107
740	8,000	2,954	1,701	2,993	1,684	3,340	1,375	3,449	1,308
750	10,000	3,612	2,050	3,659	2,028	4,088	1,639	4,240	1,572
RX	kg	H20		H32		H48		-	
963	10,000	4,004	1,983	4,469	1,634	4,814	1,434	-	-
963	12,500	4,877	2,360	5,441	1,911	5,853	1,644	-	-
980	16,000	6,207	2,969	6,917	2,375	7,441	2,026	-	-
RX	kg	H20		H24		H30		H44	
1100	20,000	8,311	3,749	8,634	3,481	9,081	3,179	9,709	2,888
1125	25,000	10,132	4,428	10,530	4,085	11,069	3,691	11,812	3,286

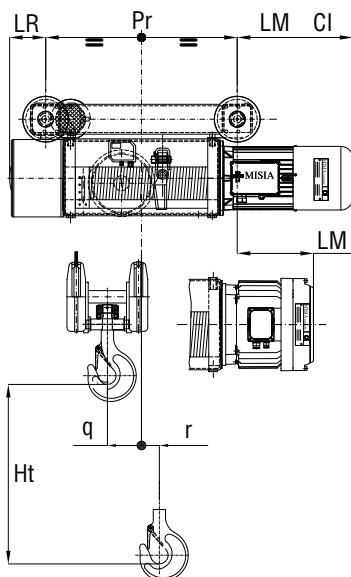
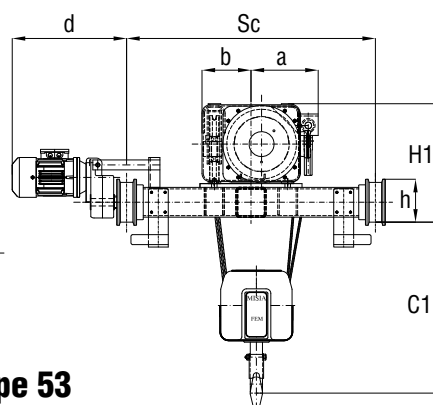
RX Wire Rope Hoists

S4 – Rope falls 4/1

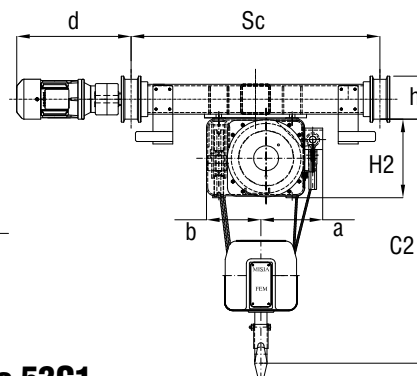
- ▶ RX 308, 312, 316, 525
- ▶ Type 53 hoist supported;
Type 53C1 hoist suspended
- ▶ With birail trolley



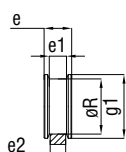
Type 53



Type 53C1



Wheels detail



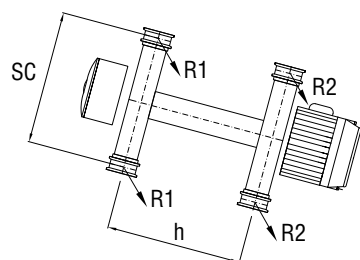
Fixed dimensions

WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	ø R	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2,000	3m	308 - 4/1	520	845	1,000	490	320	255	220	460	175	160	80	50	40	185
3,200	2m	308 - 4/1	520	845	1,000	490	320	255	220	460	175	160	80	50	40	185
5,000	2m	312 - 4/1	590	920	1,000	490	320	255	220	460	175	160	80	50	40	185
6,300	2m	316 - 4/1	640	965	1,000	490	320	255	220	460	175	160	80	50	40	185
10,000	2m	525 - 4/1	750	1,030	1,000	550	390	275	250	520	175	160	80	50	40	185

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
2,000	3m	308 - 4/1	7	720	90	17	460	460	490	490	315	375	385	420	200	450
			10	900	180	-28										460
3,200	2m		13	1,085	273	-75										485
5,000	2m	312 - 4/1	7	770	84	33	460	460	490	565	375	420	420	420	250	530
			10	975	187	-20										560
			13	1,175	287	-70										600
6,300	2m	316 - 4/1	7	770	84	33	460	565	500	565	375	-	420	-	250	550
			10	975	187	-20										570
			13	1,175	287	-70										610
10,000	2m	525 - 4/1	7	790	73	45	600	650	600	650	415	465	460	505	270	690
			10	995	176	-8										730
			13	1,195	267	-58										770

Static reactions

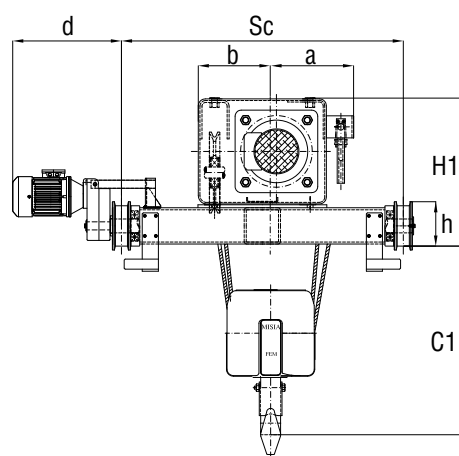
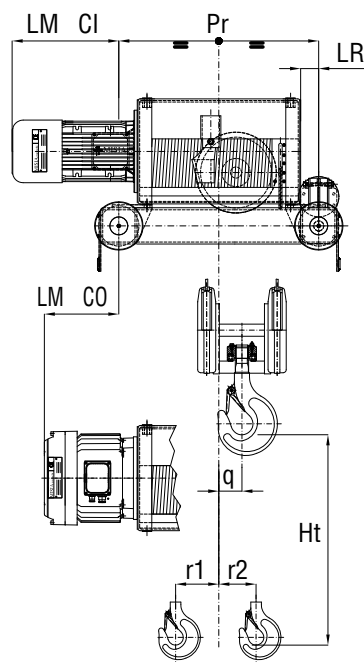


Hoist type	WLL	Nominal Hook travel					
		H7		H10		H13	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	2,000	742	491	821	417	879	372
308	2,500	888	595	976	512	1,042	458
308	3,200	1,104	729	1,216	622	1,299	552
312	4,000	1,360	920	1,534	761	1,650	666
312	5,000	1,658	1,123	1,870	925	2,012	804
316	6,300	2,058	1,385	2,322	1,131	2,497	976
525	6,300	2,054	1,467	2,332	1,209	2,490	1,071
525	8,000	2,538	1,833	2,909	1,482	3,175	1,235
525	10,000	2,392	1,979	3,757	1,634	4,056	1,354

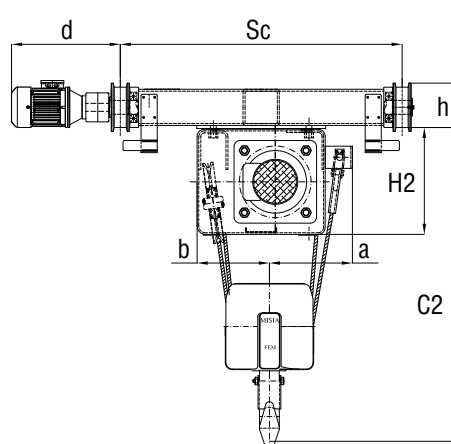
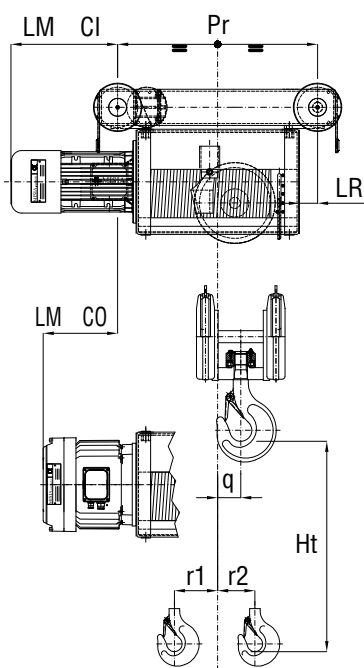
RX Wire Rope Hoists

S4 – Rope falls 4/1

- ▶ RX 740, 750, 963, 980, 1100, 1125
- ▶ Type 53 hoist supported;
Type 53C1 hoist suspended
- ▶ With birail trolley

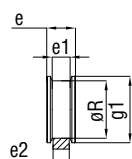


Type 53



Type 53C1

Wheels detail



Fixed dimensions

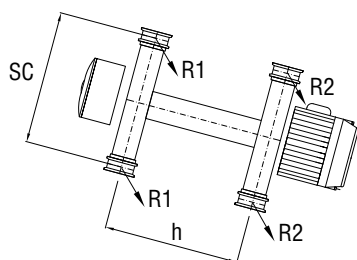
WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	ø R	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12,500	3m	740 - 4/1	830	1,360	1,200	740	535	360	340	540	220	200	90	60	50	240
16,000	2m	740 - 4/1	830	1,360	1,200	740	535	360	340	540	220	200	90	60	50	240
20,000	2m	750 - 4/1	850	1,380	1,450	770	535	360	340	630	270	250	90	60	50	290
20,000	3m	963 - 4/1	1,000	1,750	1,450	880	620	435	430	630	270	250	90	60	50	290
25,000	2m	963 - 4/1	1,000	1,750	1,450	880	620	435	430	630	270	250	90	60	50	290
32,000	1Am	980 - 4/1	1,180	1,800	1,450	1,180	600	450	320	660	345	320	100	70	60	370
40,000	2m	1100 - 4/1	1,270	-	2,000	1,270	-	660	500	660	345	320	120	90	80	370
50,000	1Am	1125 - 4/1	1,270	-	2,000	1,270	-	660	500	660	345	320	120	90	80	370

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r1	r2	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
16,000	3m	740 - 4/1	6,5	845	35	71	-	670	-	670	-	480	-	520	-	45	1,240
	9		933	115	31	-	1,360										
	12,5		1,108	223	-	22	1,430										
	16		1,423	330	-	76	1,500										
20,000	2m	750 - 4/1	6,5	873	38	69	-	670	-	670	-	480	-	520	-	45	1,630
	9		1,033	115	31	-	1,690										
	12,5		1,248	223	-	22	1,780										
	16		1,463	330	-	76	1,850										
20,000	3m	963 - 4/1	10	1,160	130	52	-	760	-	760	-	495	-	535	-	60	1,900
			16	1,575	338	-	51										2,140
			24	2,075	588	-	177										2,420
25,000	2m	963 - 4/1	10	1,160	130	52	-	760	-	760	-	495	-	535	-	60	1,900
			16	1,575	338	-	51										2,140
			24	2,075	588	-	177										2,420
32,000	1Am	980 - 4/1	10	1,160	130	52	-	760	-	760	-	495	-	535	-	90	2,500
			16	1,575	338	-	51										2,740
			24	2,075	588	-	177										3,025
40,000*	2m	1100 - 4/1	11	1,437	193	12	-	850	-	860	-	555	-	585	-	150	4,470
			14	1,622	285	-	35										4,600
			18	1,862	405	-	95										4,890
			26	2,372	660	-	222										5,600
50,000*	1Am	1125 - 4/1	11	1,437	193	12	-	850	-	860	-	555	-	585	-	150	4,470
			14	1,622	285	-	35										4,600
			18	1,867	405	-	95										4,890
			26	2,372	660	-	222										5,600

* Only supported version

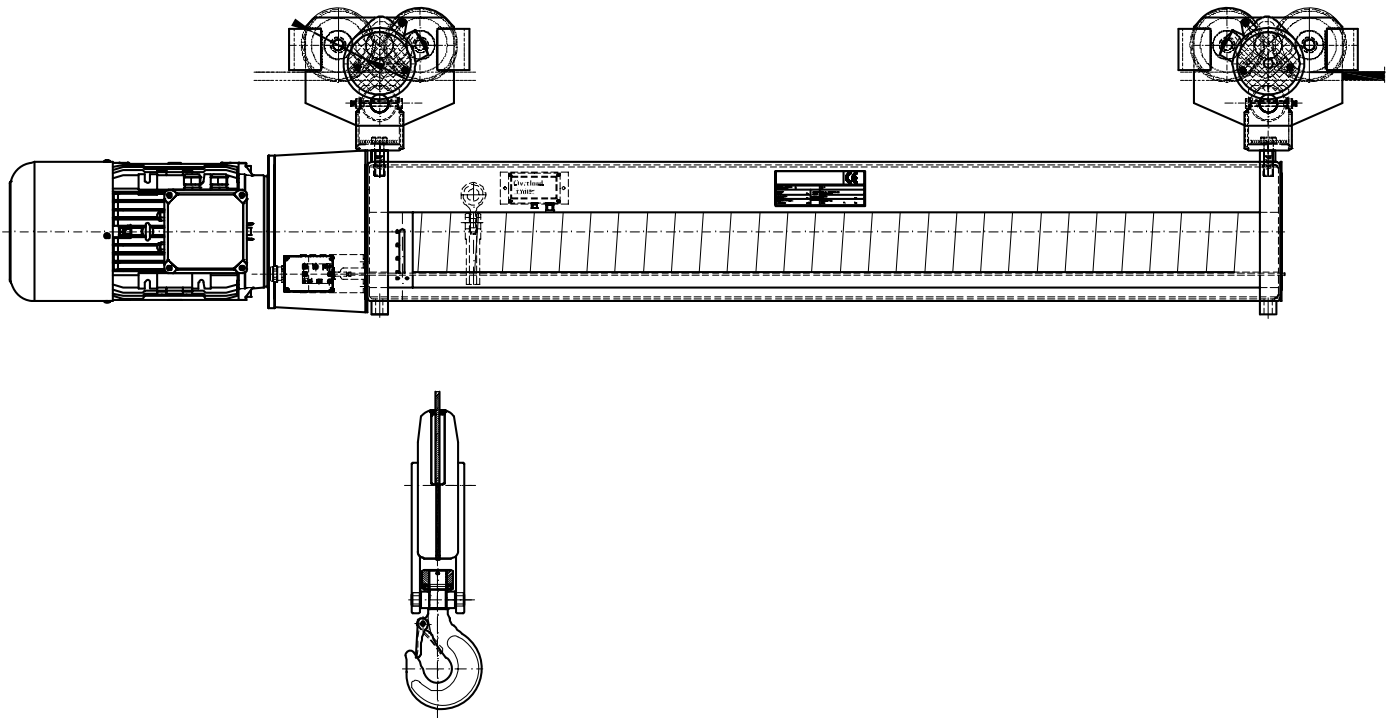
Static reactions



Hoist	WLL	Hook travel							
		H6,5		H9		H12,5		H16	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	12,500	3,700	3,170	4,178	2,718	4,732	2,194	4,937	2,013
740	16,000	4,649	3,972	5,256	3,390	5,959	2,717	6,218	2,482
750	20,000	5,733	4,888	6,487	4,158	7,361	3,314	7,682	3,018
RX	kg	H10		H16		H24		-	
963	20,000	6,613	4,357	7,690	3,370	8,437	2,733	-	-
963	25,000	8,147	5,331	9,484	4,089	1,0402	3,279	-	-
980	32,000	10,290	6,688	11,985	5,088	1,3143	4,037	-	-
RX	kg	H10		H12		H15		H22	
1100	40,000	11,013	11,349	11,648	10,779	12,310	10,262	13,347	9,580
1125	50,000	13,471	13,891	14,256	13,171	15,065	12,507	16,315	11,612

RX WIRE ROPE HOISTS

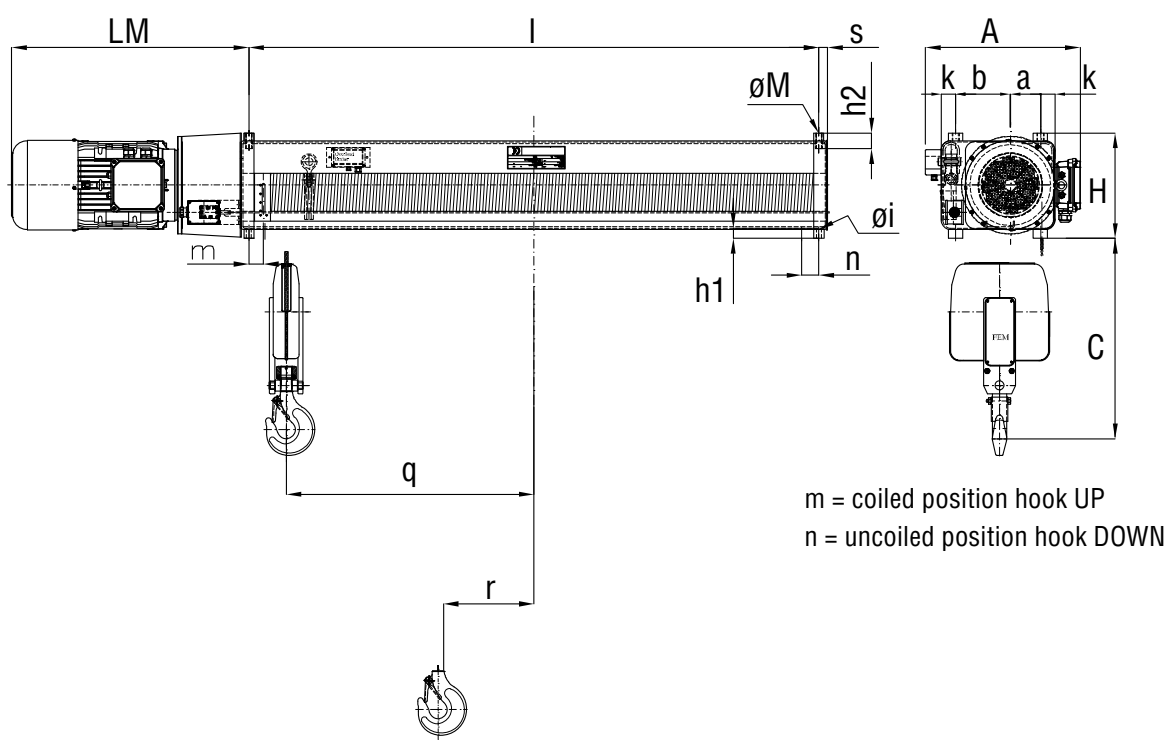
For high lifting height



RX Special hoist

S2 – Rope falls 2/1

- Type 5 supported; Type 5C1 suspended
- High lifting height



Fixed dimensions

WLL max	Group	Hoist type	Rope falls	C	H	A	a	b	a + b	s	e	K	ϕi	ϕM	h1	h2	m	m
FEM	FEM	RX		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,600	2 m	308	2/1	570	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
2,500	2 m	312	2/1	640	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
3,200	2 m	316	2/1	640	370	450	105	190	295	27	40	50	17	M20	40	54	48	56
5,000	2 m	525	2/1	730	440	510	133	212	345	27	41	50	21	M24	50	75	60	61

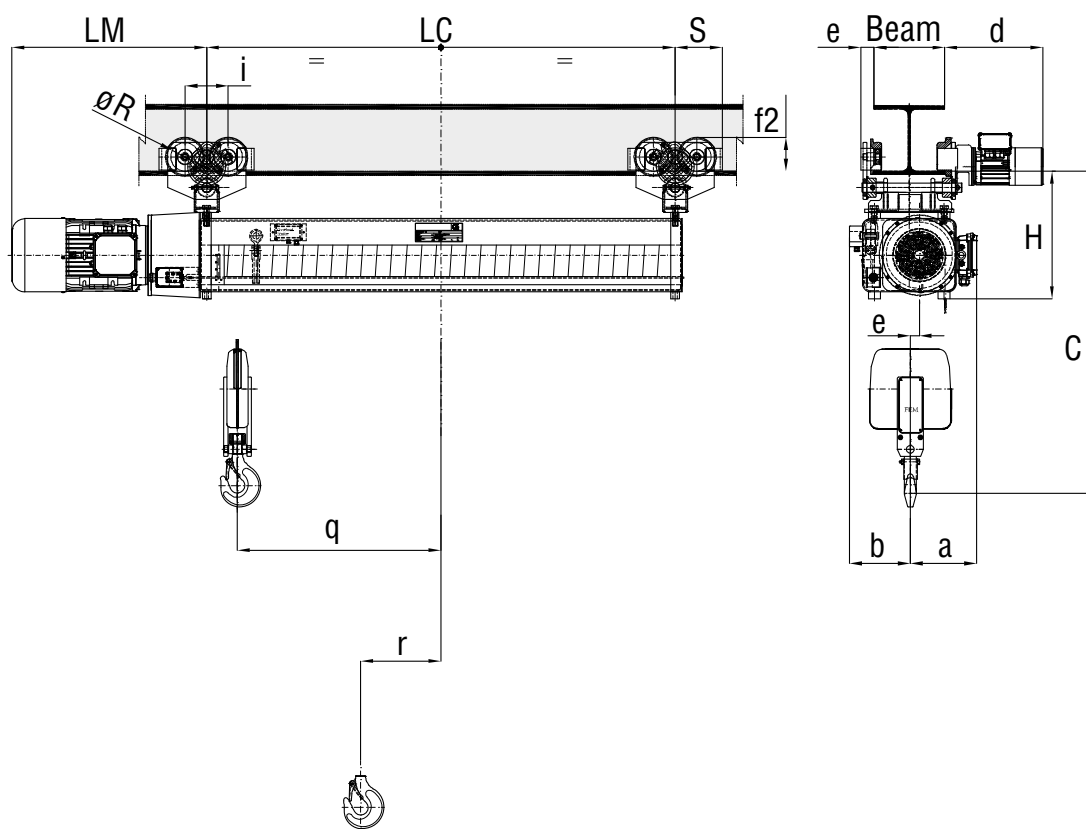
Variable dimensions

Hoist	Capacity	Hook travel	l	q	r	Lifting speed - Motor power				LM	Weight
RX	t-max	m	mm	mm	mm	V		VA		mm	kg
						m/min	kW	m/min	kW		
308	1,6	46	1,175	459	76	12	4	12/4	4/1,3	840	320
		57	1,445	594							340
		68	1,710	727							360
		79	1,980	862							380
312	2,5	32	1,175	459	76	12	6	12/4	6/2	840	330
		40	1,445	594							350
		48	1,710	727							370
		56	1,980	862							390
316	3,5	32	1,175	459	76	12	7	12/4	7/2,3	840	330
		40	1,445	594							350
		48	1,710	727							370
		56	1,980	862							390
525	5	32	1,200	445	77	12	12	12/4	12/4	980	410
		40	1,470	580							440
		48	1,740	715							470
		56	2,010	850							500

RX Special hoist

S2 – Rope falls 2/1

- ▶ Type 3 Monorail Trolley
- ▶ Standard Headroom Trolley
- ▶ High lifting height



Fixed dimensions

WLL	Group	Hoist type	Rope falls	C	H	a	b	d	e	dR	f2	I	S
FEM	FEM	RX		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,600	2 m	308	2/1	1,070	540	240	250	410	40	120	145	183	110
2,500	2 m	312	2/1	1,140	540	240	250	410	40	120	145	183	110
3,200	2 m	316	2/1	1,140	540	240	250	410	40	120	145	183	110
5,000	2 m	525	2/1	1,270	650	280	260	410	41	140	165	207	125

Variable dimensions

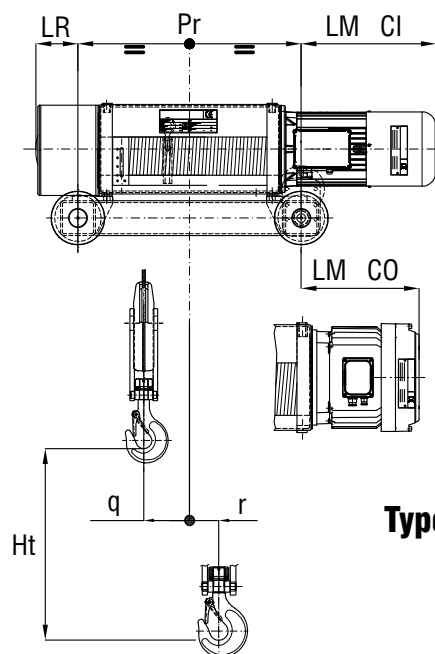
Hoist	Capacity	Hook travel	l	q	r	Lifting speed - Motor power				LM	Weight
RX	t-max	m	mm	mm	mm	V		VA		mm	kg
						m/min	kW	m/min	kW		
308	1,6	46	1,175	459	76	12	4	12/4	4/1,3	840	460
		57	1,445	594							480
		68	1,710	727							500
		79	1,980	862							520
312	2,5	32	1,175	459	76	12	6	12/4	6/2	840	470
		40	1,445	594							490
		48	1,710	727							510
		56	1,980	862							530
316	3,2	32	1,175	459	76	12	7	12/4	7/2,3	840	470
		40	1,445	594							490
		48	1,710	727							510
		56	1,980	862							530
525	5	32	1,200	445	77	12	12	12/4	12/4	980	620
		40	1,470	580							660
		48	1,740	715							690
		56	2,010	850							720

Trolley speed: 18 - 18/6 m/min

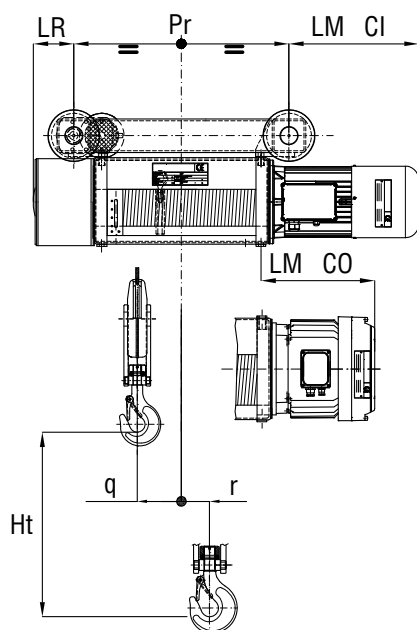
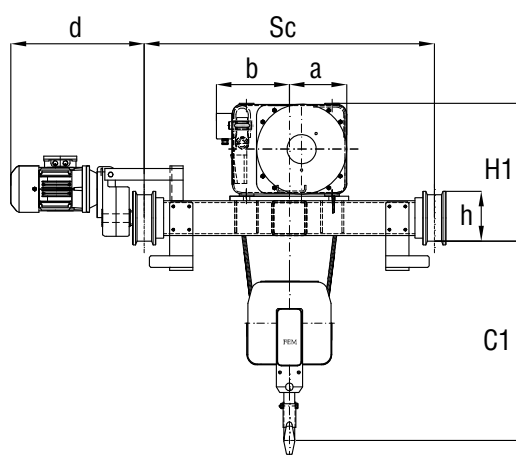
RX Special hoist

S2 – Rope falls 2/1

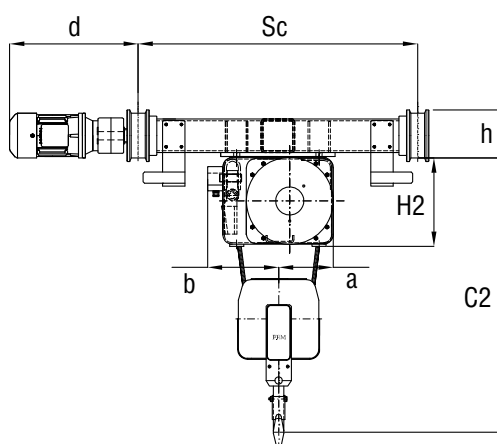
- ▶ RX 308, 312, 316, 525
- ▶ Type 53 Birail Trolley hoist supported;
Type 53C1 Birail Trolley hoist suspended
- ▶ High lifting height



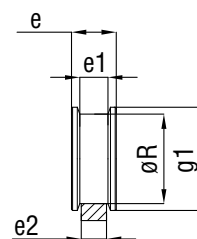
Type 53



Type 53C1



Wheels detail



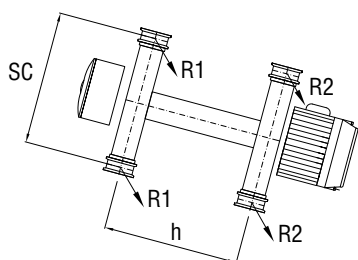
Fixed dimensions

WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	øR	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,000	3m	308 - 2/1	570	900	1,000	490	320	240	250	460	175	160	80	50	40	185
1,600	2m	308 - 2/1	570	900	1,000	490	320	240	250	460	175	160	80	50	40	185
2,500	2m	312 - 2/1	640	965	1,000	490	320	240	250	460	175	160	80	50	40	185
3,200	2m	316 - 2/1	640	965	1,000	490	320	240	250	460	175	160	80	50	40	185
5,000	2m	525 - 2/1	730	1,110	1,000	550	390	250	275	520	175	160	80	50	40	185

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,000	3m	308 - 2/1	10	595	91	61	460	460	490	490	315	375	385	420	200	390
			14	720	154											425
1,600	2m		20	900	244											450
			26	1,085	377											470
2,500	2m	312 - 2/1	10	640	90	77	460	460	490	565	375	420	420	420	250	460
			14	770	155											500
			20	975	258											520
			26	1,175	358											550
3,200	2m	316 - 2/1	10	640	90	77	460	565	500	565	375	-	420	-	250	470
			14	770	155											510
			20	975	258											540
			26	1,175	358											570
5,000	2m	525 - 2/1	10	655	90	78	600	650	600	650	415	465	460	505	270	640
			14	790	157											680
			20	995	260											720
			26	1,195	360											750

Static reactions



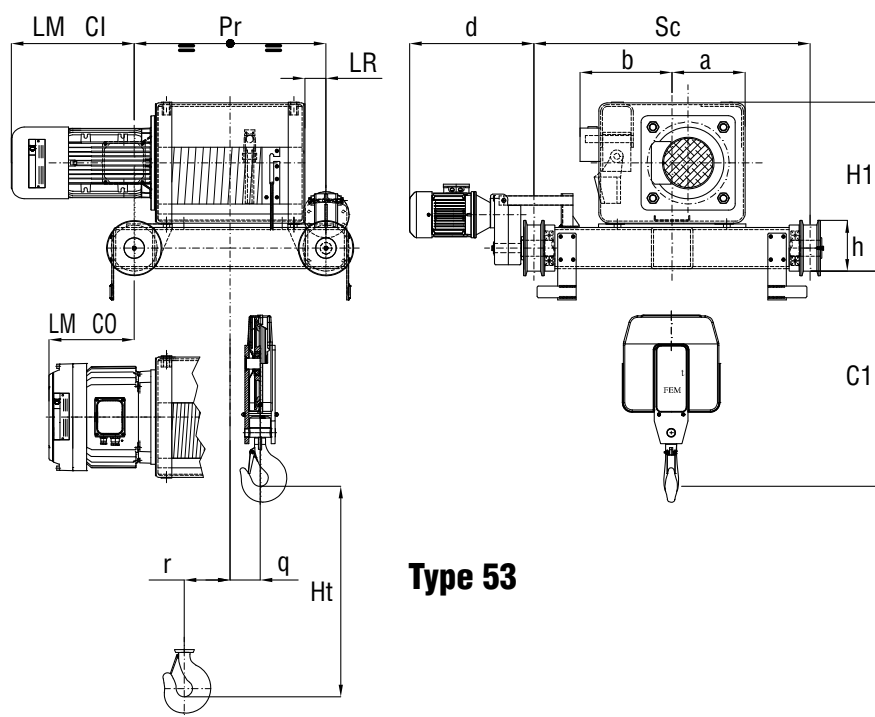
Load on the single wheel = $\frac{R1}{2}$ $\frac{R2}{2}$

Hoist type	WLL	Hook travel							
		H10		H14		H20		H26	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
308	1,000	458	242	467	251	502	228	527	213
308	1,600	672	328	681	337	733	297	770	270
312	2,000	823	417	833	427	927	393	950	335
312	2,500	998	491	1,008	501	1,118	452	1,151	384
316	3,200	1,246	598	1,256	608	1,366	514	1,437	457
525	3,200	1,292	642	1,298	565	1,409	566	1,481	509
525	4,000	1,573	762	1,578	777	1,714	661	1,801	588
525	5,000	1,923	911	1,927	928	2,094	780	2,202	687

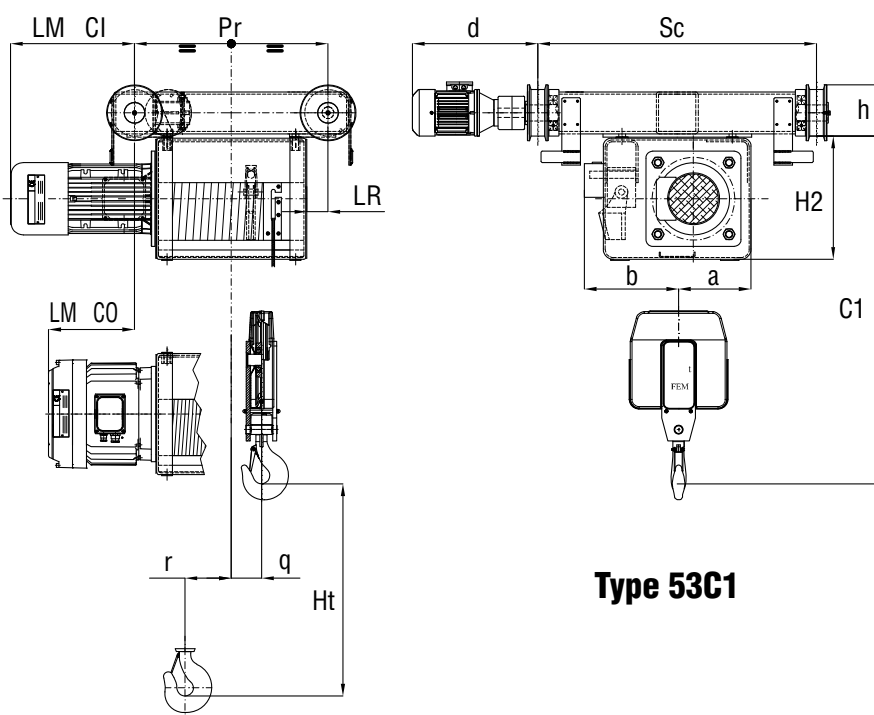
RX Special hoist

S2 – Rope falls 2/1

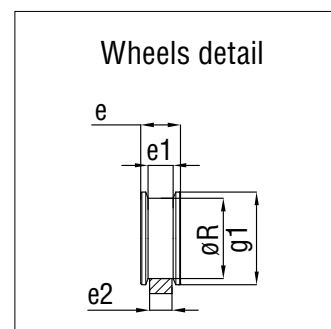
- ▶ RX 740, 750, 963, 980, 1100, 1125
- ▶ Type 53 Birail Trolley hoist supported;
Type 53C1 Birail Trolley hoist suspended
- ▶ High lifting height



Type 53



Type 53C1



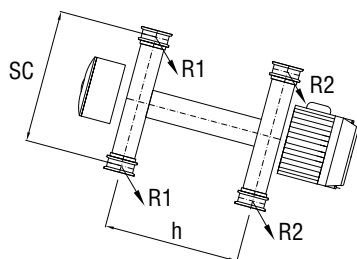
Fixed dimensions

WLL	Group	Hoist type	C1	C2	Sc	H1	H2	a	b	d	h	ø R	e	e1	e2	g1
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
6,300	3m	740 - 2/1	840	1,370	1,200	740	535	320	405	540	220	200	90	60	50	240
8,000	2m	740 - 2/1	840	1,370	1,200	740	535	320	405	540	220	200	90	60	50	240
10,000	2m	750 - 2/1	950	1,370	1,200	740	535	320	405	630	220	200	90	60	50	240
10,000	3m	963 - 2/1	1,100	1,700	1,450	880	615	370	450	630	270	250	90	60	50	290
12,500	2m	963 - 2/1	1,100	1,700	1,450	880	615	370	450	630	270	250	90	60	50	290
16,000	1Am	980 - 2/1	1,100	1,750	1,450	880	615	370	450	630	270	250	90	60	50	290
20,000	2m	1100 - 2/1	1,330	-	1,450	1,060	-	480	500	660	345	320	120	90	80	370
25,000	1Am	1125 - 2/1	1,330	-	1,450	1,060	-	480	500	660	345	320	120	90	80	370

Variable dimensions

WLL	Group	Hoist type	Hook travel	Pr	q	r	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	mm	mm	mm	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
6,300	3m	740 - 2/1	13	843	130	83	670	-	670	-	480	-	520	-	45	1,185
			18	993	160											1,230
8,000	2m		25	1,208	268	133										1,305
		750 - 2/1	32	1,423	375											1,390
			13	843	130	83										1,200
10,000	2m		18	993	160											1,250
			25	1,208	268	133										1,330
			32	1,423	375											1,500
			20	1,160	230											1,780
10,000	3m	963 - 2/1	32	1,575	438	134	760	-	760	-	495	-	535	-	60	2,010
			48	2,075	688											2,300
		963 - 2/1	20	1,060	230											1,780
12,500	2m		32	1,575	438	134	760	-	760	-	495	-	535	-	60	2,010
			48	2,075	688											2,300
		980 - 2/1	20	1,160	230											2,020
16,000	1Am		32	1,575	438	134	760	-	760	-	495	-	535	-	60	2,250
			48	2,075	688											2,600
		1100 - 2/1	22	1,337	305											4,160
20,000	2m		28	1,522	400	100	850	-	860	-	555	-	585	-	150	4,265
			36	1,762	520											4,520
			52	2,272	775											4,900
			22	1,337	305											4,160
		1125 - 2/1	28	1,522	400	100	850	-	860	-	555	-	585	-	150	4,265
25,000	1Am		36	1,762	520											4,520
			52	2,272	775											4,900

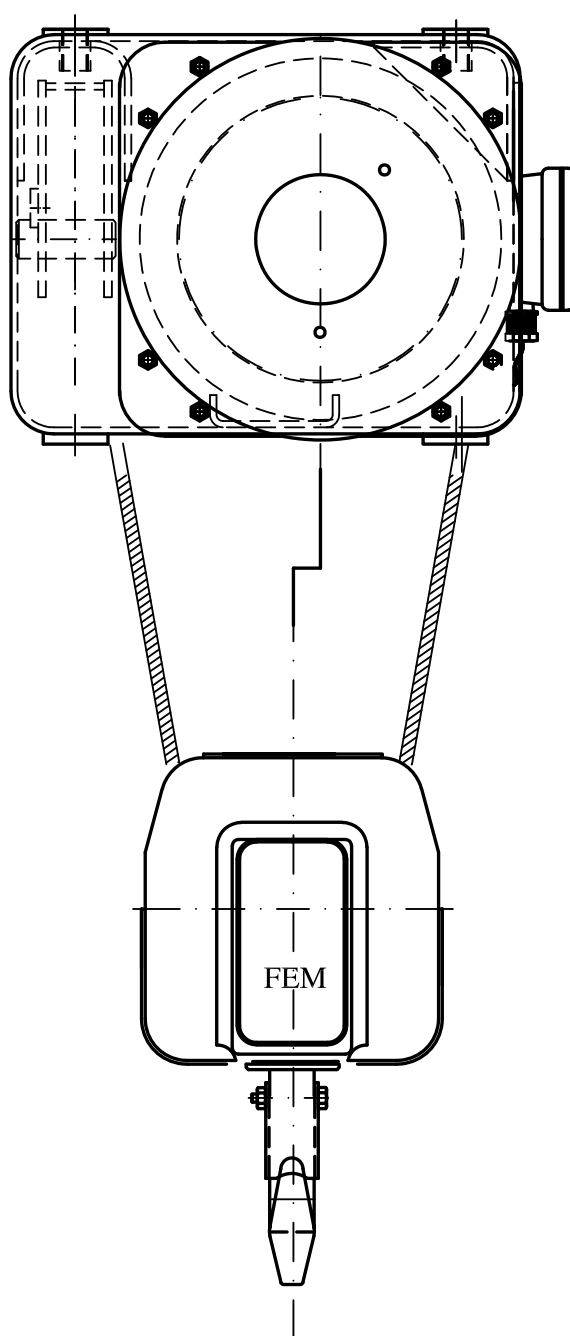
Static reactions



Hoist type	WLL	Hook travel							
		H13		H18		H25		H32	
RX	kg	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN	R1 daN	R2 daN
740	6,300	2,397	1,407	2,431	1,396	2,709	1,155	2,800	1,107
740	8,000	2,954	1,701	2,993	1,684	3,340	1,375	3,449	1,308
750	10,000	3,612	2,050	3,659	2,028	4,088	1,639	4,240	1,572
RX	kg	H20		H32		H48		-	
963	10,000	4,004	1,983	4,469	1,634	4,814	1,434	-	-
963	12,500	4,877	2,360	5,441	1,911	5,853	1,644	-	-
980	16,000	6,207	2,969	6,917	2,375	7,441	2,026	-	-
RX	kg	H20		H24		H30		H44	
1100	20,000	8,311	3,749	8,634	3,481	9,081	3,179	9,709	2,888
1125	25,000	10,132	4,428	10,530	4,085	11,069	3,691	11,812	3,286

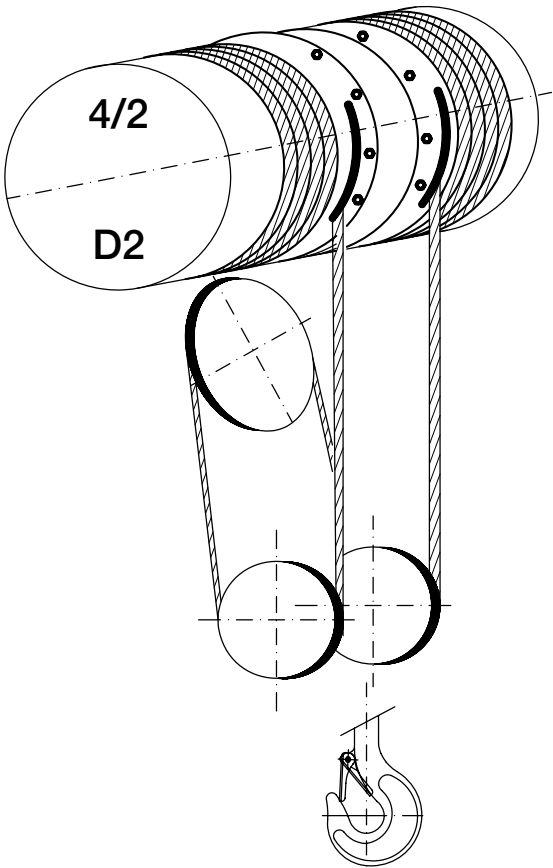
RX WIRE ROPE HOISTS

With double output



RX Wire Rope Hoists

D2 – Rope falls 4/2



Foot Reaction

$$\frac{P + P_p}{2} = \text{Kg}$$

P (Capacity)

P_p (Hoist Weight)

Technical data

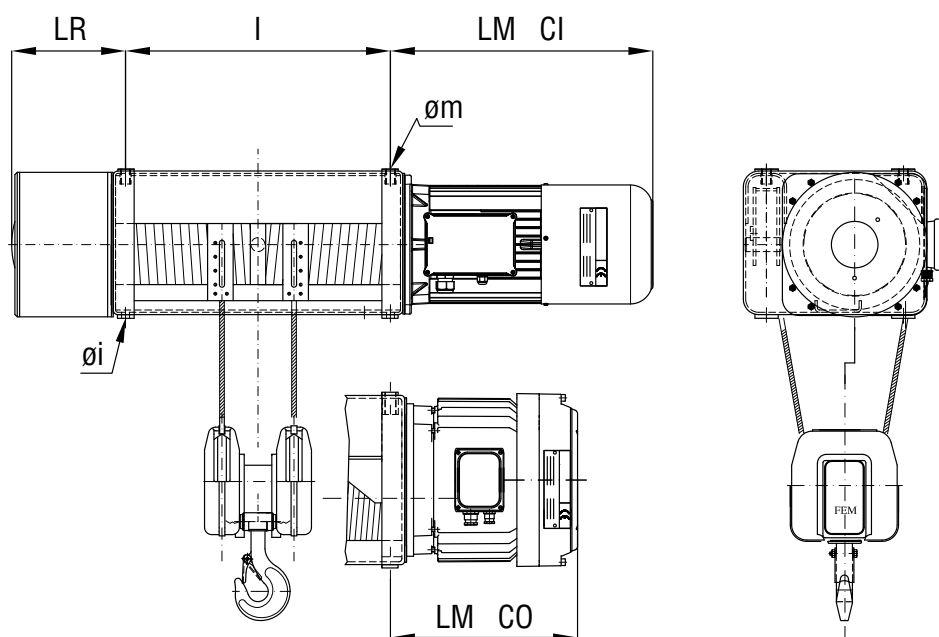
Max capacity	Group	Hoist	Hook travel			Lifting speed (m/min)					
						1 speed		2 speed			
								Cylindrical motors		Conical motors	
kg	FEM	RX	m	m	m	N	V	N A	V A	N A	V A
1,600	2 m	308 - 4/2	6	10	13	8	12	8/2,6	12/4	8/2,6	12/4
2,500	2 m	312 - 4/2	7,5	12	16	8	12	8/2,6	12/4	8/2,6	12/2
3,200	2 m	316 - 4/2	7,5	12	16	8	12	8/2,6	12/4	8/1,3	12/2
5,000	2 m	525 - 4/2	6	10	14	8	12	8/2,6	12/4	8/1,3	12/2
8,000	1 Am	740 - 4/2	7	11,5	16	8	12	8/2,6	-	8/1,3	-
10,000	1 Am	750 - 4/2	7	11,5	16	5	8	-	8/2,6	5/1,2	-
10,000	2 m	963 - 4/2	8	16	25	7,5	-	7,5/2,5	-	6/1,5	-
12,500	1 Am	963 - 4/2	8	16	25	7,5	-	7,5/2,5	-	5/1,2	-
16,000	1 Am	980 - 4/2	8	16	25	7,5	-	-	-	5/1,2	-

The lifting speed refers to a frequency of 50 Hz.

RX Wire Rope Hoist

D2 – Rope falls 4/2

- ▶ RX 308, 312, 316, 525
- ▶ Type 5 Birail Trolley hoist supported;
Type 5C1 Birail Trolley hoist suspended
- ▶ True vertical lift



Fixed dimensions

Max capacity	Group	Hoist type	C	H	a	b	a+b	e	K	d	ø i	ø m	h1	h2	m	m
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,600	2m	308 - 4/2	500	325	105	190	295	40	50	467	17	M20	13	28	48	56
2,500	2m	312 - 4/2	540	325	105	190	295	40	50	467	17	M20	13	34	48	56
3,200	2m	316 - 4/2	540	325	105	190	295	40	50	467	17	M20	13	34	48	56
5,000	2m	525 - 4/2	580	380	133	212	345	41	50	522	21	M24	18	48	60	61

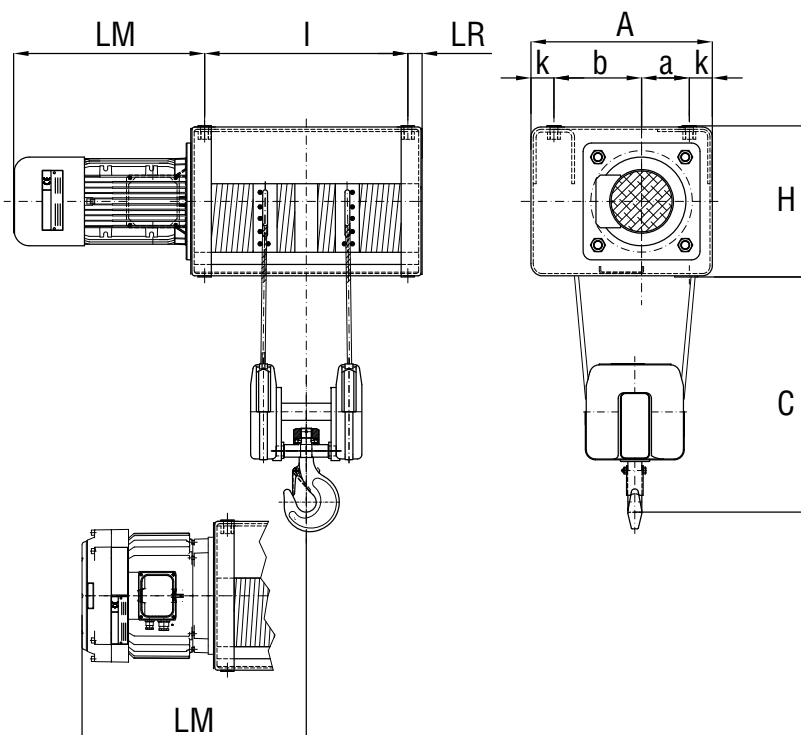
Variable dimensions

Capacity	Group	Hoist type	Hook travel	I	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,600	2m	308 - 4/2	7	520	460	460	490	490	315	375	385	420	200	320
			10	700										340
			13	885										360
2,500	2m	312 - 4/2	7	570	460	460	490	565	375	420	420	420	200	390
			10	775										420
			13	975										450
3,200	2m	316 - 4/2	7	570	460	565	500	565	375	-	420	-	200	480
			10	775										510
			13	975										550
5,000	2m	525 - 4/2	7	590	600	650	600	650	415	465	460	505	200	580
			10	795										620
			13	995										660

RX Wire Rope Hoist

D2 – Rope falls 4/2

- ▶ RX 740, 750, 963, 980
- ▶ Type 5 Birail Trolley hoist supported;
Type 5C1 Birail Trolley hoist suspended
- ▶ True vertical lift



Fixed dimensions

Max capacity	Group	Hoist type	C	H	a	b	a+b	e	K	d	ø i	ø m	h1	h2	m	m
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
8,000	2m	740 - 4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10,000	2m	750 - 4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10,000	3m	963 - 4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
12,500	2m	963 - 4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
16,000	2m	980 - 4/2	800	625	200	340	540	20	92	860	39	M36	24	66	55	90

Variable dimensions

Capacity	Group	Hoist type	Hook travel	I	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
8,000	2m	740 - 4/2	8	713	670	-	670	-	480	-	520	-	45	770
			12	928										810
			16	1143										860
10,000	2m	750 - 4/2	8	713	670	-	670	-	480	-	520	-	45	770
			12	928										810
			16	1143										860
10,000	3m	963 - 4/2	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1255										1,300
			25	1755										1,480
12,500	2m	963 - 4/2	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1255										1,300
			25	1755										1,480
16,000	1Am	980 - 4/2	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1255										1,300
			25	1755										1,480

RX Wire Rope Hoist

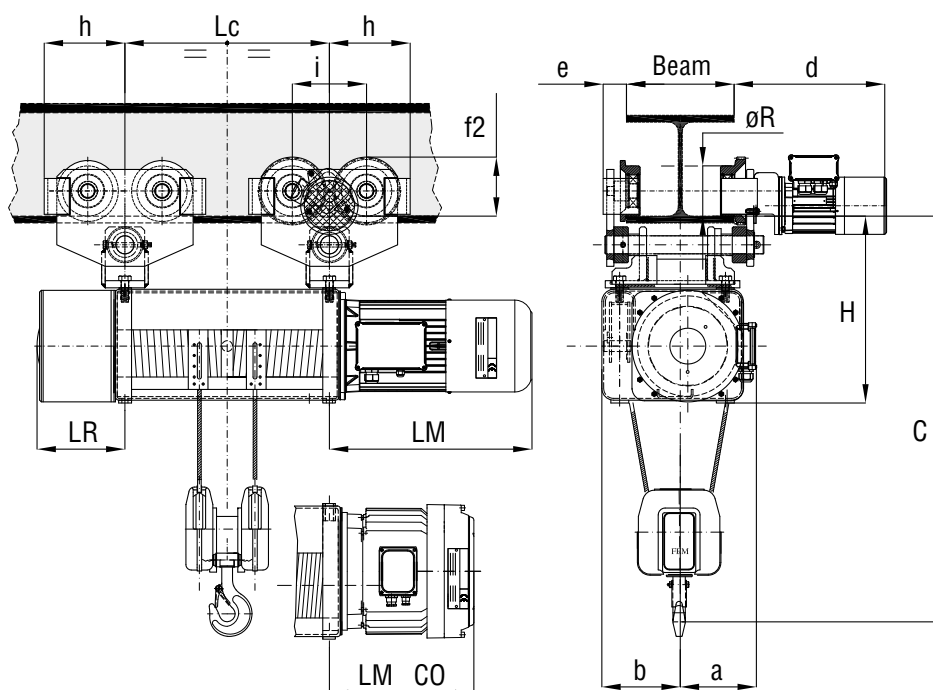
D2 – Rope falls 4/2

- ▶ RX 308, 312, 316, 525
- ▶ Type 3 normal headroom
- ▶ True vertical lift

Radlast

$$\frac{P + P_p}{2 \cdot 4} = \text{Kg}$$

P (Capacity)
P_p (Hoist weight)



Fixed dimensions

Max capacity	Group	Hoist type	C	H	a	b	e	dR	f2	i	h	Min flange width
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1,600	2m	308 - 4/2	500	500	260	240	60	120	145	183	110	120
2,500	2m	312 - 4/2	540	500	260	240	60	120	145	183	110	120
3,200	2m	316 - 4/2	540	510	260	240	60	120	145	183	110	120
5,000	2m	525 - 4/2	580	510	260	240	60	120	145	183	110	120

Variable dimensions

Capacity	Group	Hoist type	Hook travel	I	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,600	2m	308 - 4/2	7	520	460	460	490	490	315	375	385	420	200	430
			10	700										450
			13	885										470
2,500	2m	312 - 4/2	7	570	460	460	490	565	375	420	420	420	200	500
			10	775										530
			13	975										560
3,200	2m	316 - 4/2	7	570	460	565	500	565	375	-	420	-	200	590
			10	775										620
			13	975										660
5,000	2m	525 - 4/2	7	590	600	650	600	650	415	465	460	505	200	610
			10	795										660
			13	995										700

Trolley speed: 18 - 18/6 m/min

RX Wire Rope Hoist

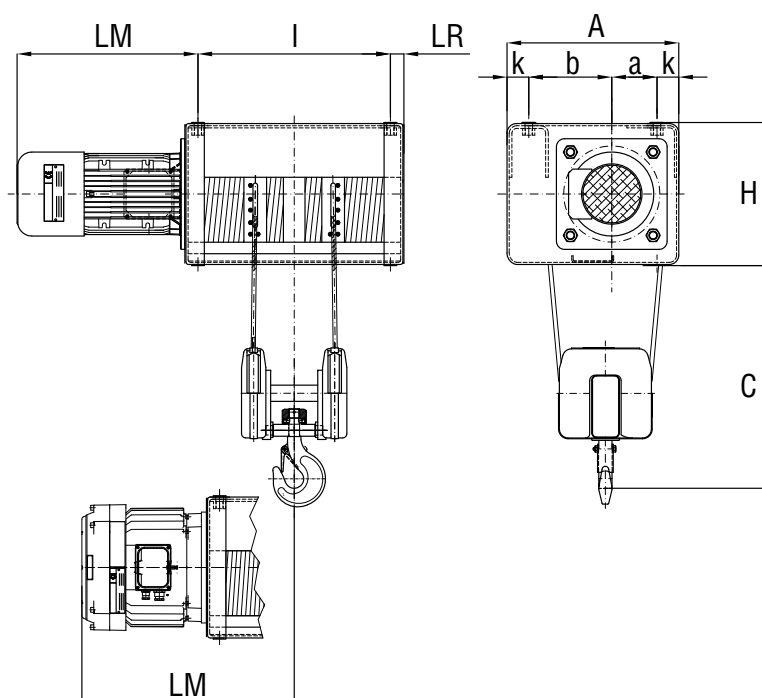
D2 – Rope falls 4/2

- ▶ RX 740, 750, 963, 980
- ▶ Type 3 normal headroom
- ▶ True vertical lift

Radlast

$$\frac{P + P_p}{2 \cdot 4} = \text{Kg}$$

P (Capacity)
P_p (Hoist weight)



Fixed dimensions

Max capacity	Group	Hoist type	C	H	a	b	a+b	e	K	d	ø i	ø m	h1	h2	m	m
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
8,000	2m	740 - 4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10,000	2m	750 - 4/2	720	530	168	307	475	30	81	771	25	M27	18	47	65	85
10,000	3m	963 - 4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
12,500	2m	963 - 4/2	760	625	200	340	540	20	92	860	39	M36	24	66	55	90
16,000	2m	980 - 4/2	800	625	200	340	540	20	92	860	39	M36	24	66	55	90

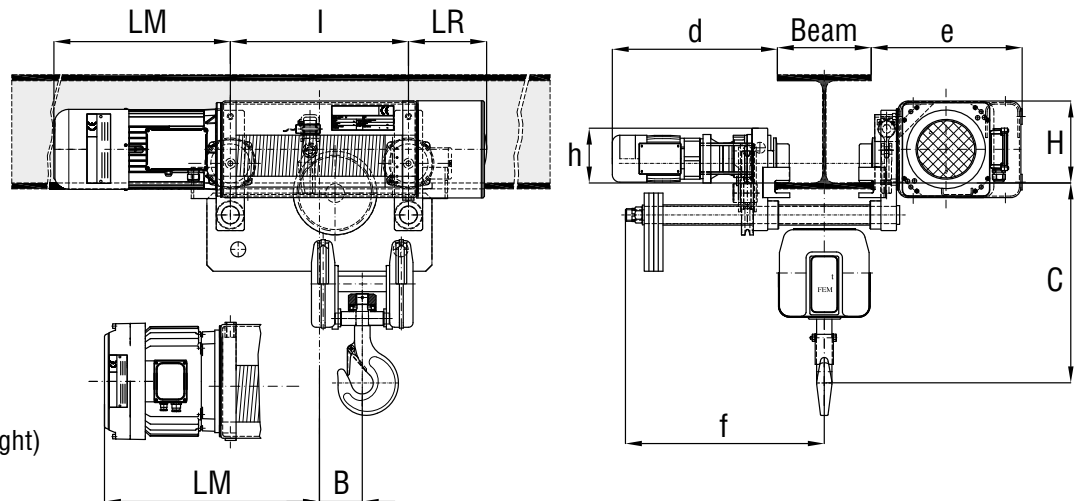
Variable dimensions

Capacity	Group	Hoist type	Hook travel	I	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
8,000	2m	740	8	713	670	-	670	-	480	-	520	-	45	770
			12	928										810
			16	1,143										860
10,000	2m	750	8	713	670	-	670	-	480	-	520	-	45	770
			12	928										810
			16	1,143										860
10,000	3m	963	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1,255										1,300
			25	1,755										1,480
12,500	2m	963	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1,255										1,300
			25	1,755										1,480
16,000	1Am	980	8	840	890	-	890	-	495	-	535	-	60	1,150
			16	1,255										1,300
			25	1,755										1,480

RX Wire Rope Hoist

D2 – Rope falls 4/2

- ▶ RX 308, 312, 316, 525
- ▶ Type 83 low headroom
- ▶ True vertical lift



Radlast

$$\frac{P + P_p}{4} = \text{Kg}$$

P (Capacity)
P_p (Hoist weight)

Fixed dimensions

Max capacity	Group	Hoist type	C	H	e	d	h	i	dR	b	f*	o	Min flange width	Max beam flange x C quote
kg	FEM	RX	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1,600	2m	308 - 4/2	680	245	470	430	140	290	125	66	620	100	110	300
2,500	2m	312 - 4/2	620	245	470	475	140	290	125	66	620	100	110	300
3,200	2m	316 - 4/2	640	245	485	530	175	290	125	50	650	125	110	300
5,000	2m	525 - 4/2	700	270	525	535	175	320	125	50	750	125	110	300

For beam sizes wider than those shown, the "C" dimension (hook to girder min. size) increases of 12 mm every 10 mm of wider beam size.

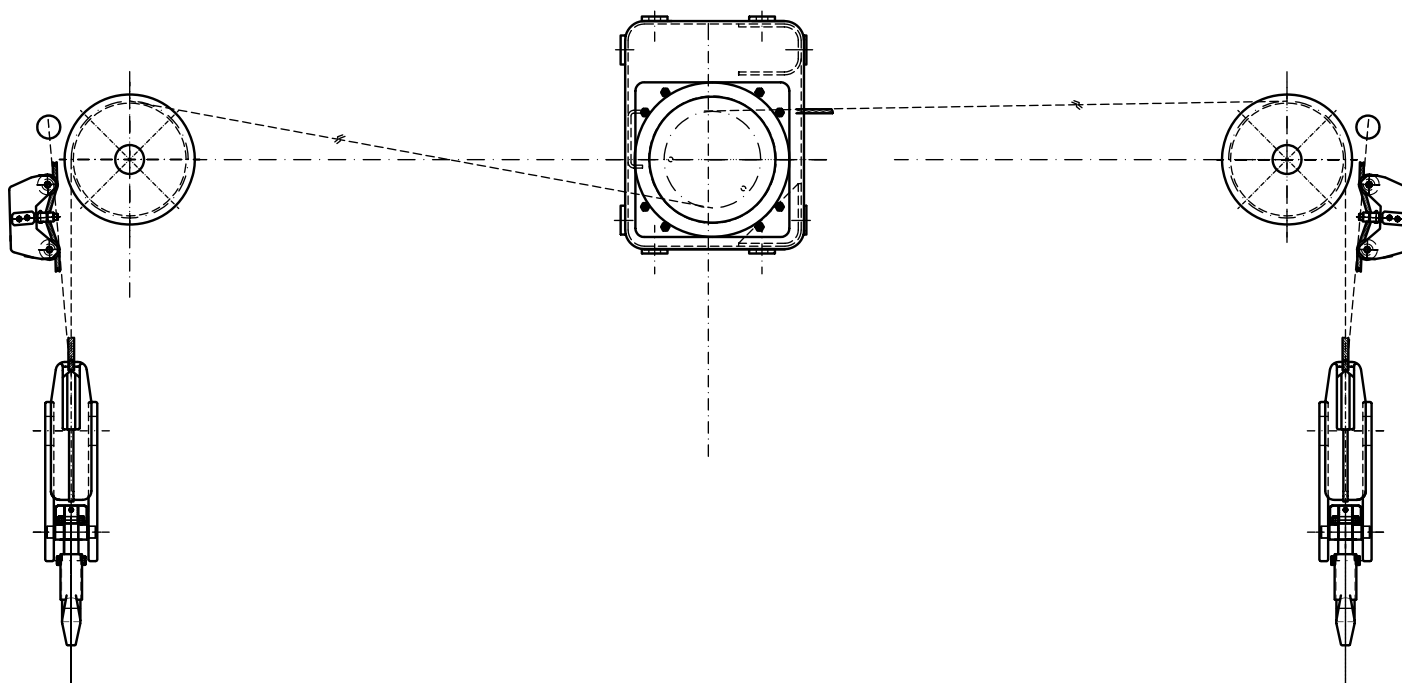
*The dimension "f" shown is valid for beam size 300 mm; with different beam size it increases or decreases of half of the difference of the beam size.

Variable dimensions

Capacity	Group	Hoist type	Hook travel	I	Cylindrical Motor / LM-CI				Conical Motor / LM-CO				LR	Weight
kg	FEM	RX	m	mm	mm N	mm V	mm NA	mm VA	mm N	mm V	mm NA	mm VA	mm	kg
1,600	2m	308 - 4/2	7	520	460	460	490	490	315	375	385	420	200	490
			10	700										530
			13	885										560
2,500	2m	312 - 4/2	7	570	460	460	490	565	375	420	420	420	200	560
			10	775										605
			13	975										650
3,200	2m	316 - 4/2	7	570	460	565	500	565	375	-	420	-	200	650
			10	775										695
			13	975										740
5,000	2m	525 - 4/2	7	590	600	650	600	650	415	465	460	505	200	780
			10	795										825
			13	995										910

RX WIRE ROPE HOISTS

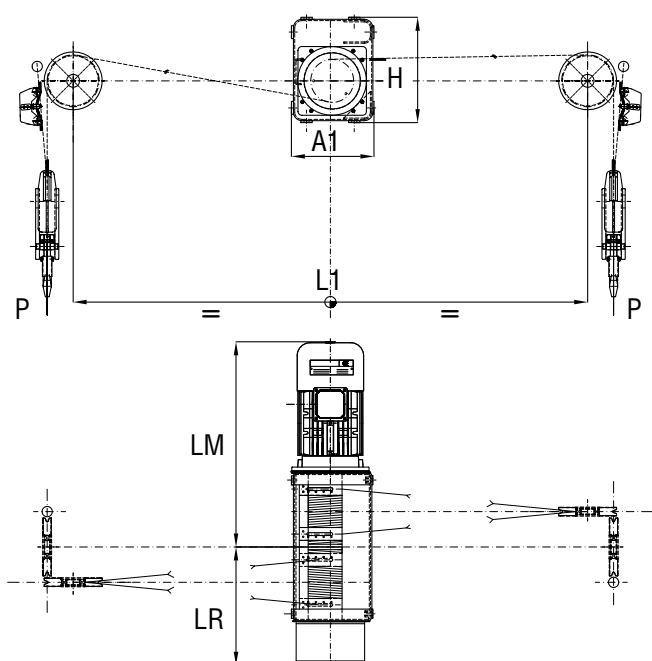
With double outlet



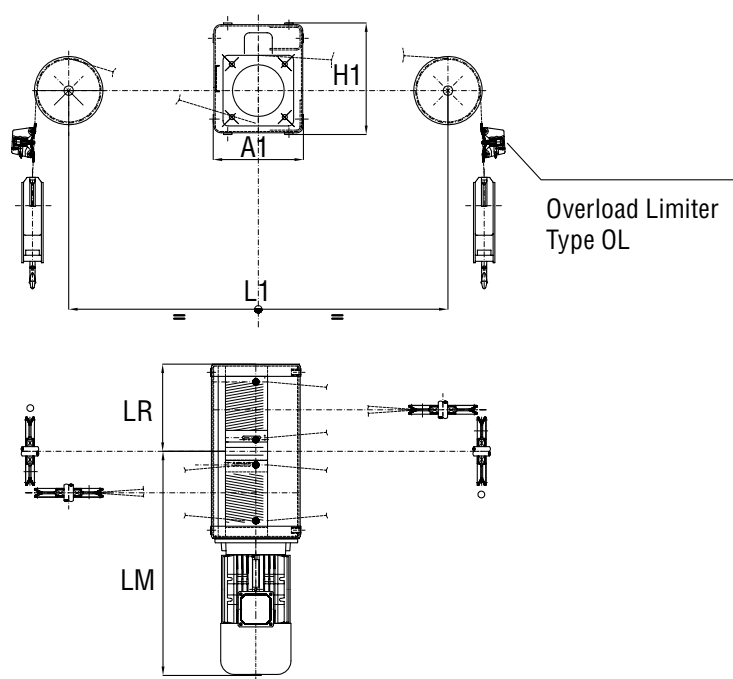
RX Special hoist

DC2 – Rope falls 2/2 + 2

- ▶ With double outlet from the drum
- ▶ Opposite double rope output



RX 308 / 312 / 316 / 525



RX 740 / 750 / 963 / 980

Technical data

Max capacity	Group	Hoist	Hook travel			Lifting speed (m/min)					
						1 speed	2 speed				
							Cylindrical motors		Conical motors		
FEM	FEM	RX	m	m	m	N m/min.	V m/min.	NA m/min.	VA m/min.	NA m/min.	VA m/min.
800 + 800	2 m	308 - 2 + 2/2	6	10	13	8	12	8/2,6	12/4	8/2,6	12/4
1,250 + 1,250	2 m	312 - 2 + 2/2	7,5	12	16	8	12	8/2,6	12/4	8/2,6	12/4
1,600 + 1,600	2 m	316 - 2 + 2/2	7,5	12	16	8	12	8/2,6	12/4	8/1,3	12/2
2,500 + 2,500	2 m	525 - 2 + 2/2	6	10	14	8	12	8/2,6	12/4	8/1,3	12/2
4,000 + 4,000	1 AM	740 - 2 + 2/2	7	11,5	16	8	12	8/2,6	-	8/1,3	-
5,000 + 5,000	1 AM	750 - 2 + 2/2	7	11,5	16	5	8	-	8/2,6	5/1,2	8/1,3
5,000 + 5,000	2 m	963 - 2 + 2/2	11	21	32,5	7,5	-	7,5/2,5	-	6/1,5	-
6,300 + 6,300	1 AM	963 - 2 + 2/2	11	21	32,5	7,5	-	7,5/2,5	-	5/1,2	-
8,000 + 8,000	1 AM	980 - 2 + 2/2	8,5	16,5	26	7,5	-	-	-	5/1,2	-

The lifting speed refer to a frequency of 50 Hz.

Type DC2

Hoist		RX	308 - 2 + 2/2			312 - 2 + 2/2			316 - 2 + 2/2			525 - 2 + 2/2		
Capacity (P)		kg	800 + 800			1,250 + 1,250			1,600 + 1,600			2,500 + 2,500		
Hook travel		m	6	10	13	7,5	12	16	7,5	12	16	6	10	14
H1		mm	400			400			400			450		
A1		mm	310			310			310			360		
min. L1		mm	2,390	3,680	4,990	2,520	3,980	5,405	2,520	3,980	5,405	2,460	3,920	5,350
LR		mm	460	550	645	535	640	740	535	640	740	565	670	770
Cylindrical motor	Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A		
	LM	mm	790	880	975	815	920	1,020	895	940	1,040	905	1,010	1,110
	Lift. speed	m/min	V - V A			V - V A			V - V A			V - V A		
	LM	mm	790	880	975	895	1,000	1,100	895	1,000	1,100	965	1,070	1,170
Conical motor	Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A		
	LM	mm	645	735	830	705	810	910	705	810	910	715	820	920
	Lift. speed	m/min	V - V A			V - V A			-			V - V A		
	LM	mm	640	730	825	705	810	910	-	-	-	805	910	1,010
Weight		kg	150	170	190	220	240	260	220	240	260	330	370	410

Trolley speed: 16 - 16/5,3 m/min

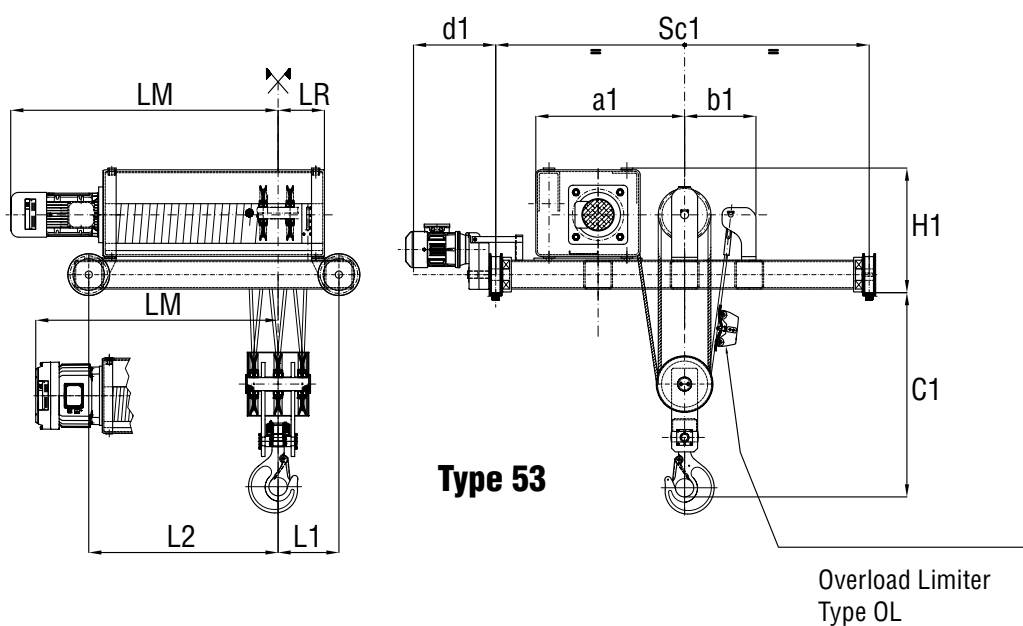
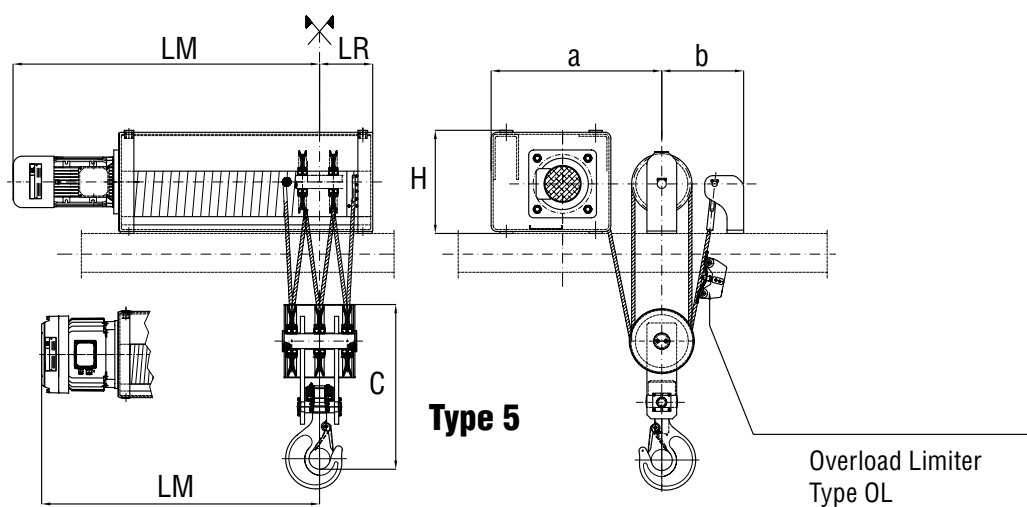
Hoist		RX	740 - 2 + 2/2			750 - 2 + 2/2			963 - 2 + 2/2			980 - 2 + 2/2		
Capacity (P)		kg	4,000 + 4,000			5,000 + 5,000			6,300 + 6,300			8,000 + 8,000		
Hook travel		m	7	11,5	16	7	11,5	16	11	21	32	8,5	16,5	26
H1		mm	640			640			730			730		
A1		mm	545			545			600			600		
min. L1		mm	2,660	4,200	5,740	2,660	4,200	5,740	3,430	6,400	9,980	3,330	6,290	9,870
LR		mm	405	510	620	405	510	620	480	690	940	480	690	940
Cylindrical motor	Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A		
	LM	mm	1,030	1,135	1,245	1,030	1,135	1,245	1,100	1,210	1,560	1,180	1,390	1,640
	Lift. speed	m/min	-			-			-			-		
	LM	mm	-	-	-	-	-	-	-	-	-	-	-	-
Conical motor	Lift. speed	m/min	N - N A			N - N A			N - N A			N - N A		
	LM	mm	870	975	1085	870	975	1085	940	1,150	1,400	960	1,170	1,420
	Lift. speed	m/min	-			V - V A			-			-		
	LM	mm	-	-	-	890	995	1,105	-	-	-	-	-	-
Weight		kg	620	670	720	620	670	720	980	1,130	1,300	980	1,130	1,300

Trolley speed: 16 - 16/5,3 m/min

RX Special hoist

SR6 – Rope falls 6/1

- ▶ True vertical lift
- ▶ With single output from the drum
- ▶ Type 5 supported hoist; Type 53 Hoist trolley birail



Type SR6

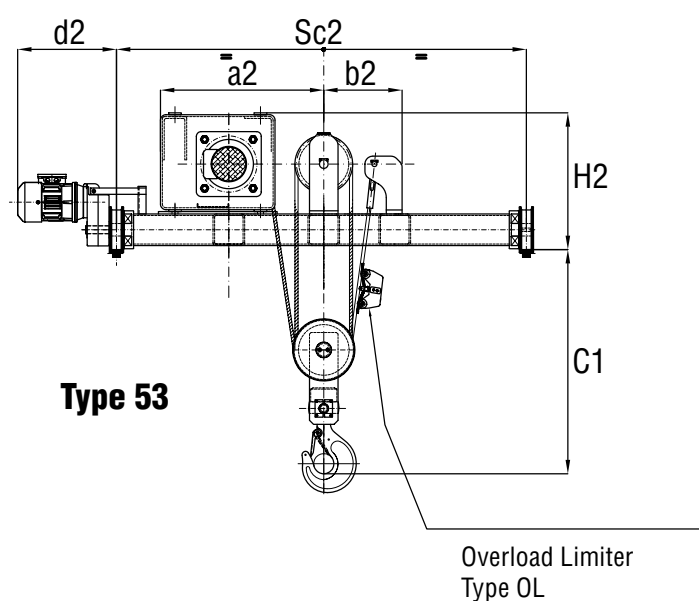
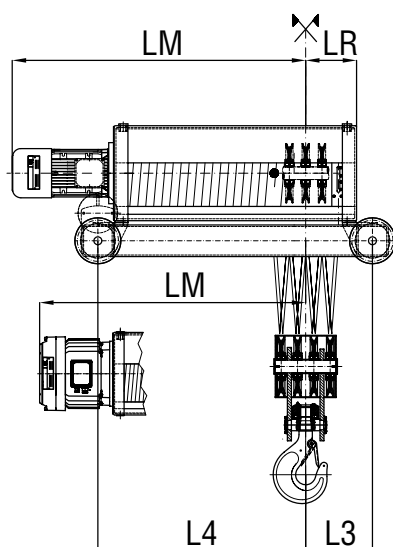
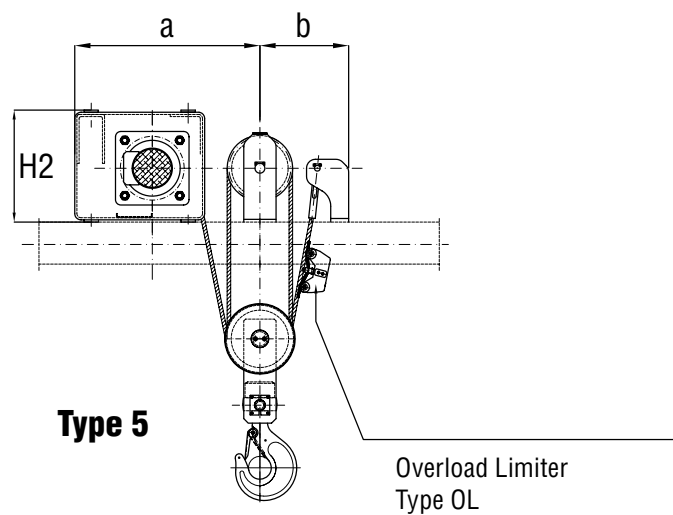
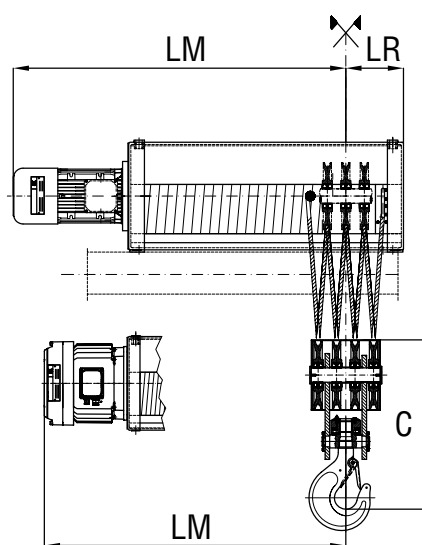
Hoist		RX	740			750			963			963			980		
Capacity (P)		kg	24,000			30,000			30,000			37,500			48,000		
Group		FEM	1Am			1Am			2Am			1Am			1Am		
Hook travel		m	6,5	11	15	6,5	11	15	6,5	10,5	16	6,5	10,5	16	6,5	10,5	16
Cylindrical motor	Lift. speed	m/min	2,7			2,7			2,5			3			2,5		
	Mot. power	kW	12			15			15			24			24		
	Lift. speed	m/min	2,7/0,9			2,7/0,9			2,5/0,8			2,5/0,8			-		
	Mot. power	kW	12/4			15/5			16/5,3			22/7,3			-		
Conical motor	Lift. speed	m/min	2,7			2,7			2			1,7			1,7		
	Mot. power	kW	12,5			15			12,5			12,5			16		
	Lift. speed	m/min	2,7/0,3			2,7/0,5			2/0,5			1,7/0,4			1,7/0,4		
	Mot. power	kW	13/3			15/2,5			13/3			13/3			16/4		
Fig 5	H	mm	530			530			625			625			625		
	C	mm	900			1,000			1,100			1,100			1,240		
	a	mm	840			840			990			990			990		
	b	mm	380			380			480			480			480		
	LR	mm	250			257			277			288			189		
Cylindrical motor	LM	mm	1,175	1,605	1,995	1,165	1,595	1,985	1,305	1,720	2,220	1,370	1,790	2,290	-	-	-
Conical motor	LM	mm	1,065	1,495	1,885	1,065	1,495	1,885	1,125	1,540	2,040	1,190	1,610	2,110	1,290	1,710	2,210
Weight	≈	kg	900	1,000	1,080	980	1,080	1,160	1,480	1,630	1,810	1,480	1,630	1,810	1,610	1,760	1,940
Fig 53	Sc1	mm	2,000			2,000			2,500			2,500			2,500		
	H1	mm	790			790			900			900			940		
	C1	mm	1,100			1,200			1,300			1,300			1,450		
	d1	mm	570			570			570			570			570		
	a	mm	840			840			990			990			990		
	b	mm	380			380			480			480			480		
	L1	mm	420			430			460			520			450		
	L2	mm	670	1,100	1,500	680	1,110	1,510	800	1,210	1,710	850	1,260	1,760	950	1,360	1,860
	LR	mm	250			257			277			288			189		
Cylindrical motor	LM	mm	1,175	1,605	1,995	1,165	1,595	1,985	1,305	1,720	2,220	1,370	1,790	2,290	-	-	-
Conical motor	LM	mm	1,065	1,495	1,885	1,065	1,495	1,885	1,125	1,540	2,040	1,190	1,610	2,110	1,290	1,710	2,210
Weight	≈	kg	1,750	1,900	2,030	2,030	2,230	2,410	2,470	2,720	3,000	3,170	3,420	3,700	3,690	3,940	4,220

Trolley speed: 16 - 16/5,3 m/min

RX Special hoist

SR8 – Rope falls 8/1

- ▶ True vertical lift
- ▶ With single output from the drum
- ▶ Type 5 supported hoist; Type 53 Hoist trolley birail



Type RSR8

Hoist		RX	740			750			963			963			980		
Capacity (P)		kg	32,000			40,000			40,000			50,000			64,000		
Group		FEM	1Am			1Am			2Am			1Am			1Am		
Hook travel		m	4,5	8	11	4,5	8	11	5	8	12	5	8	12	5	8	12
Cylindrical motor	Lift. speed	m/min	2			2			3			2,5			2		
	Mot. power	kW	12			15			24			24			24		
	Lift. speed	m/min	2/0,7			2/0,7			2/0,7			2/0,7			-		
	Mot. power	kW	12/4			15/5			16/5,3			22/7,3			-		
Conical motor	Lift. speed	m/min	2			2			1,5			1,2			1,2		
	Mot. power	kW	12,5			15			12,5			12,5			16		
	Lift. speed	m/min	2/0,5			2/0,3			1,5/0,4			1,2/0,3			1,2/0,3		
	Mot. power	kW	13/3			15/2,5			13/3			13/3			16/4		
Fig 5	H	mm	530			530			625			625			625		
	C	mm	950			1080			1160			1160			1200		
	a	mm	840			840			990			990			990		
	b	mm	380			380			480			480			480		
	LR	mm	250			257			277			288			295		
Cylindrical motor	LM	mm	1,175	1,605	1,995	1,165	1,595	1,985	1,305	1,720	2,220	1,370	1,790	2,290	-	-	-
Conical motor	LM	mm	1,065	1,495	1,885	1,065	1,495	1,885	1,125	1,540	2,040	1,190	1,610	2,110	1,185	1,605	2,105
Weight	≈	kg	990	1,090	1,170	1,110	1,210	1,190	1,600	1,750	1,930	1,600	1,750	1,930	1,740	1,890	2,070
Fig 53	Sc1	mm	2,000			2,000			2,500			2,500			2,500		
	H1	mm	790			790			900			940			960		
	C1	mm	1,150			1,250			1,350			1,350			1,500		
	d1	mm	570			570			570			570			570		
	a	mm	840			840			990			990			990		
	b	mm	380			380			480			480			480		
	L1	mm	430			490			520			520			600		
	L2	mm	680	1,110	1,510	730	1,160	1,560	860	1,270	1,770	850	1,260	1,760	900	1,310	1,810
	LR	mm	250			257			277			288			295		
Cylindrical motor	LM	mm	1,175	1,605	1,995	1,165	1,595	1,985	1,305	1,720	2,220	1,370	1,790	2,290	-	-	-
Conical motor	LM	mm	1,065	1,495	1,885	1,065	1,495	1,885	1,125	1,540	2,040	1,190	1,610	2,110	1,185	1,605	2,105
Weight	≈	kg	2,030	2,230	2,410	2,840	3,040	3,220	3,290	3,540	3,820	3,290	3,540	3,820	3,760	4,010	4,290

Trolley speed: 16 - 16/5,3 m/min

KITO



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