

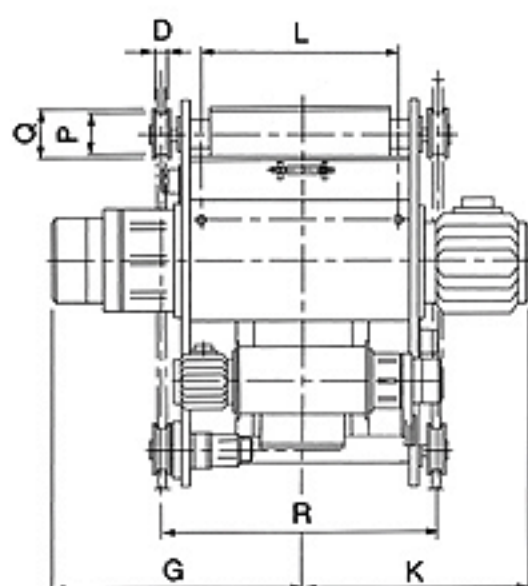
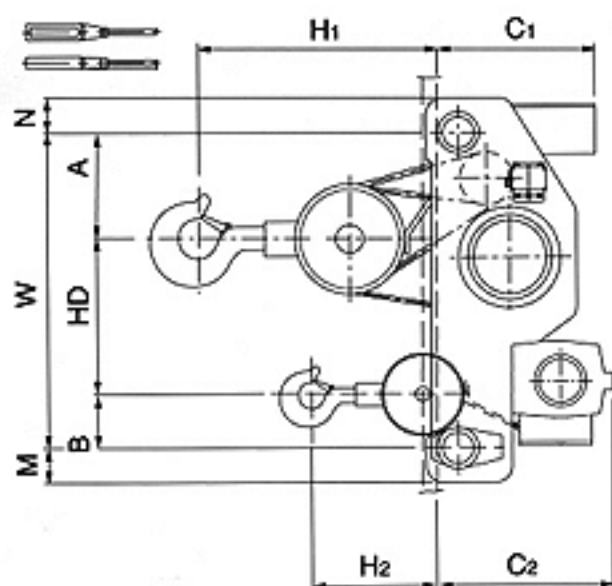
Main & Aux

WIRE HOIST



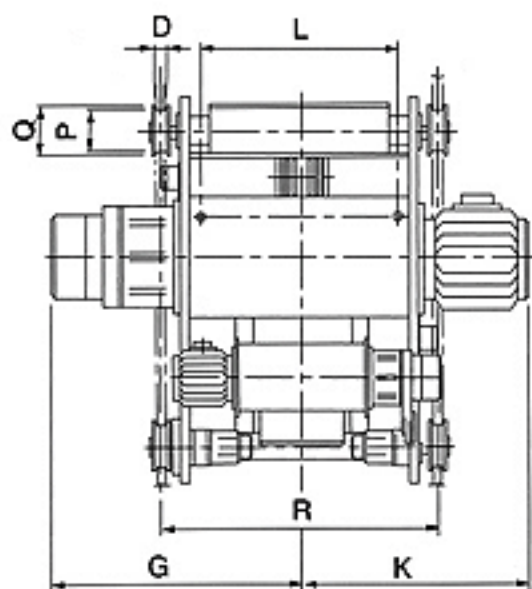
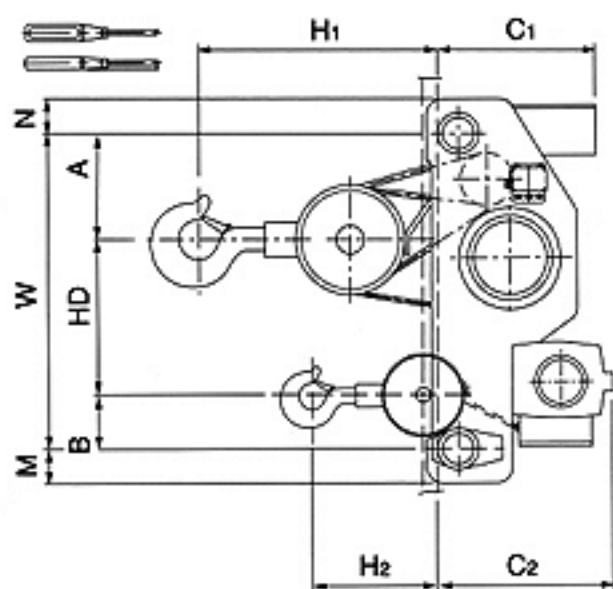
- Main hoist is for **heavy weight handling**.
- Aux hoist is for **easy and fast handling**.

Double-Rail Type Main & Aux Hoist



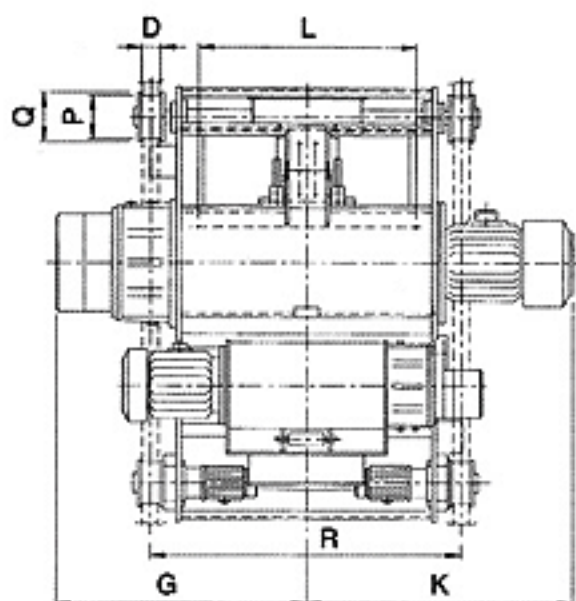
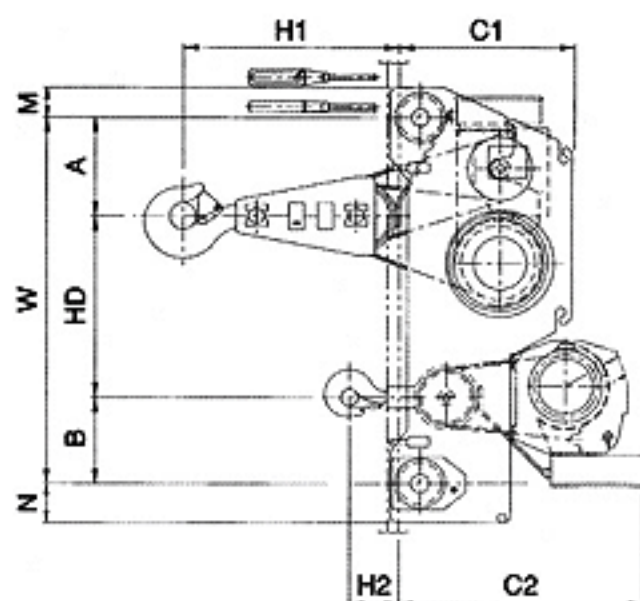
Model			BMA 5/3-M		BMA 7.5/3-M		BMA 10/5-M		BMA 15/5-M	
Capacity(ton)			5/3		7.5/3		10/5		15/5	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4.7/5.6	7.5/9	3.1/3.8	7.5/9	3.7/4.5	4.7/5.6	3.7/4.5	4.7/5.6
		Low Speed 50/60(Hz)	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.5/3	3.5/4.2	2.5/3	3.5/4.2
	Hoisting Motor (kw x P)	High Speed	5.5x6	5.5x4	5.5x6	5.5x4	9x8	5.5x6	13x8	5.5x6
		Low Speed	4.2x8	2.8x8	4.2x8	2.8x8	6x12	4.2x8	8.5x12	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
		Dia(mm) x No. of Ropes	12.5x4	12.5x2	14x4	12.5x2	16x4	16x2	20x4	16x2
Brake		DC Magnet Disc Brake								
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	20/24		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(Hz)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw x P)	High Speed	0.75x4		0.75x4		0.75x4		1.5x4	
		Low Speed	0.5x6		0.5x6		0.5x6		1x6	
Dimensions(approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	630		650		695		860	
		C2	845		725		905		930	
		G	935		925		975		1075	
		K	885		870		1060		1065	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight(approx.) (kg)			1285		1600		1830		2475	
Traversing Rail			15kg/m		15kg/m		15kg/m		22kg/m	

Double-Rail Type Main & Aux Hoist



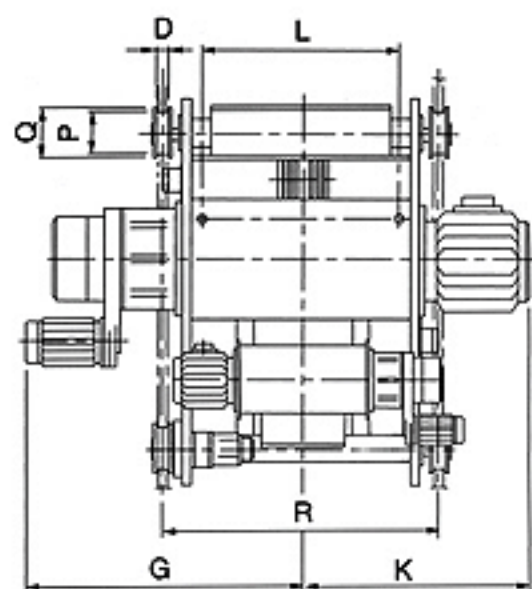
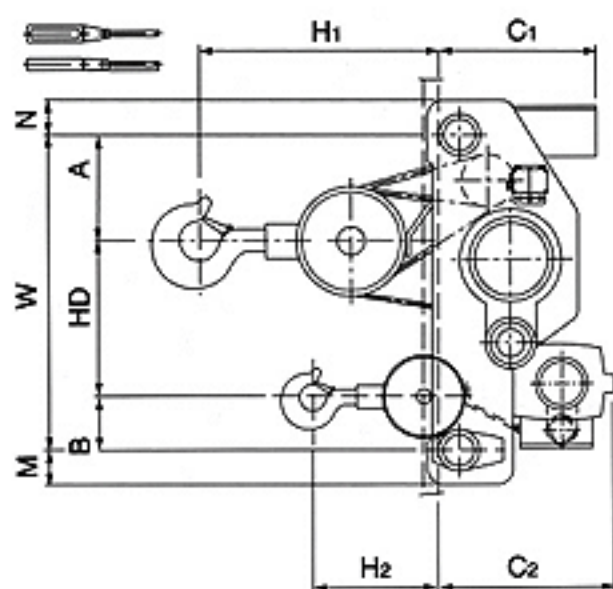
Model			BMA 20/5-M		BMA 20/10-M		BMA 30/10-M		BMA 30/15-M	
Capacity(ton)			20/5		20/10		30/10		30/15	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	3.5/4.2	4.7/5.6	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.3/2.8	3.7/4.5
		Low Speed 50/60(Hz)	2.5/2.8	3.5/4.2	2.5/4.2	2.5/3	1.5/1.8	2.5/3	1.5/1.8	2.5/3
	Hoisting Motor (kw x P)	High Speed	17x8	5.5x6	17x8	9x8	17x8	9x8	17x8	13x8
		Low Speed	11.5x12	4.2x8	11.5x12	6x12	11.5x12	6x12	11.5x12	8.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	20x4
		Dia(mm) x No. of Ropes	22.4x4	16x2	22.4x4	16x4	22.4x6	16x4	22.4x6	20x4
Brake		DC Magnet Disc Brake								
Traversing	Traversing Speed (m /min)	High Speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw x P)	High Speed	1.5x4		1.5x4		1.5x4(2units)		1.5x4(2units)	
		Low Speed	1x6		1x6		1x6(2units)		1x6(2units)	
Dimensions(approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		575		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1000		995		1115	
		G	1165		1165		1425		1425	
		K	1210		1210		1480		1480	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		280		280	
		Q	250		250		280		280	
Weight(approx.) (kg)			2925		3475		4670		5200	
Traversing Rail			22kg/m		22kg/m		30kg/m		30kg/m	

Double-Rail Type Main & Aux Hoist



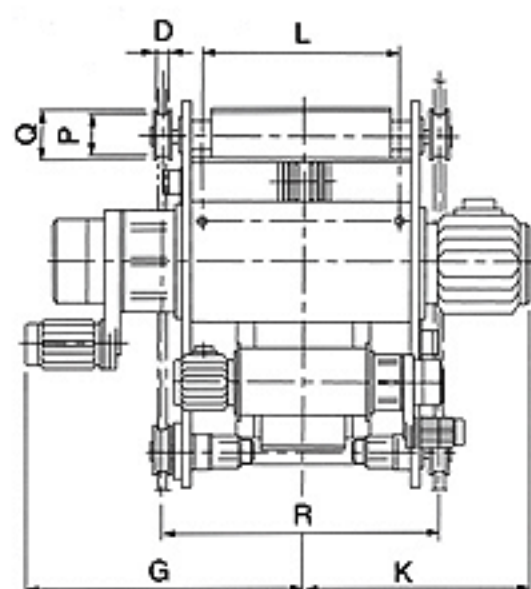
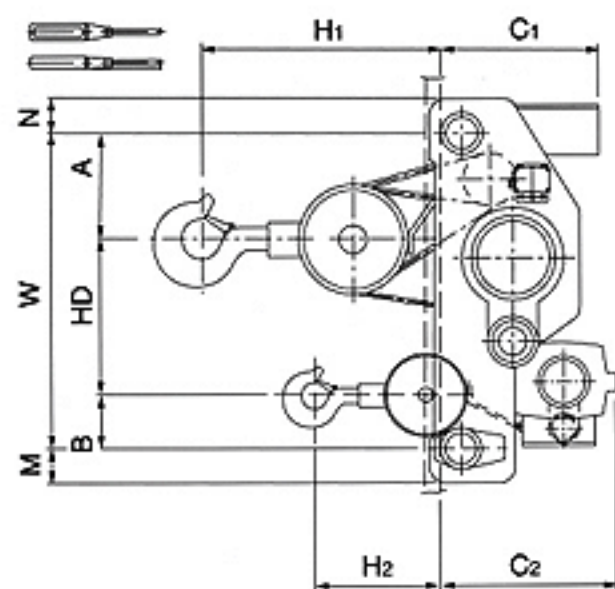
Model			BMA 35/10-M		BMA 50/10-M		BMA 60/20-M		BMA 70/20-M		
Capacity(ton)			35/10		50/10		60/20		70/20		
Hoist	Max. lift(m)		12		12		12		12		
	Hoisting Speed (m/min)	High Speed 50/60(Hz)	4/4.8	3.7/4.5	2.7/3.2	3.7/4.5	2/2.4	3.5/4.2	2/2.4	3.5/4.2	
		Low Speed 50/60(Hz)		2.5/3		2.5/3		2.5/2.8		2.5/2.8	
	Hoisting Motor (kw x P)	High Speed	33x6	9x8	37x6	9x8	37x6	17x8	37x6	17x8	
		Low Speed		6x12		6x12		11.5x12		11.5x12	
	Wire Rope	Construction	6x Fi(25)	6x37	6x Fi(25)	6x37	6x Fi(25)	6x37	6x Fi(25)	6x37	
		Dia(mm) x No. of Ropes	28x4	16x4	28x6	16x4	28x8	22.4x4	28x8	22.4x4	
Brake		DC Magnet Disc Brake									
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15		
		Low Speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10		
	Traversing Motor (kw x P)	High Speed	2.2x4		2.2x4(2units)		2.2x4(2units)		3.7x4(2units)		
		Low Speed	1.5x6		1.5x6(2units)		1.5x6(2units)		2.2x6(2units)		
Dimensions(approx.) (mm)			H1	1490		1680		1780		1780	
			H2	420		50		330		330	
			R	1600		2300		2800		2800	
			HD	1100		1300		1378		1378	
			A	740		968		968		968	
			B	560		657		579		579	
			C1	1013		1220		1220		1220	
			C2	1333		1460		1750		1750	
			G	1455		1780		2030		2030	
			K	1360		1715		1965		1965	
			W	2400		2925		2925		2925	
			D	70		80		80		80	
			L	1044		1430		1930		1930	
			M	215		275		275		275	
			N	215		275		275		275	
			P	355		450		450		500	
			Q	395		490		490		540	
Weight(approx.) (kg)			6400		8200		10930		11080		
Traversing Rail			37kg/m		50kg/m		50kg/m		50kg/m		

Double-Rail Type Creep Main & Aux Hoist



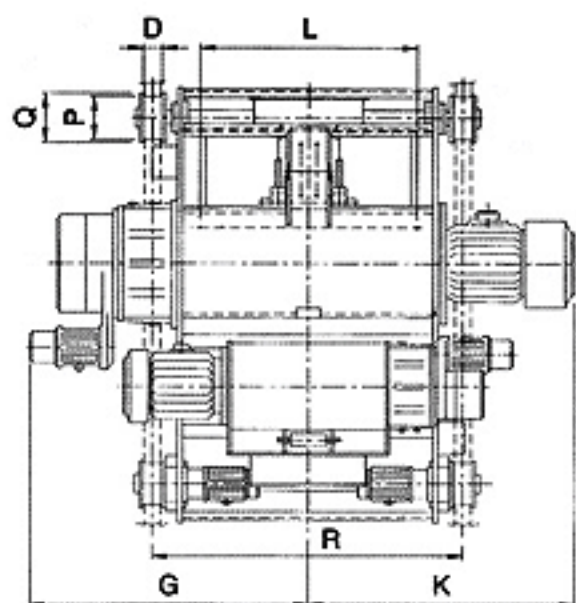
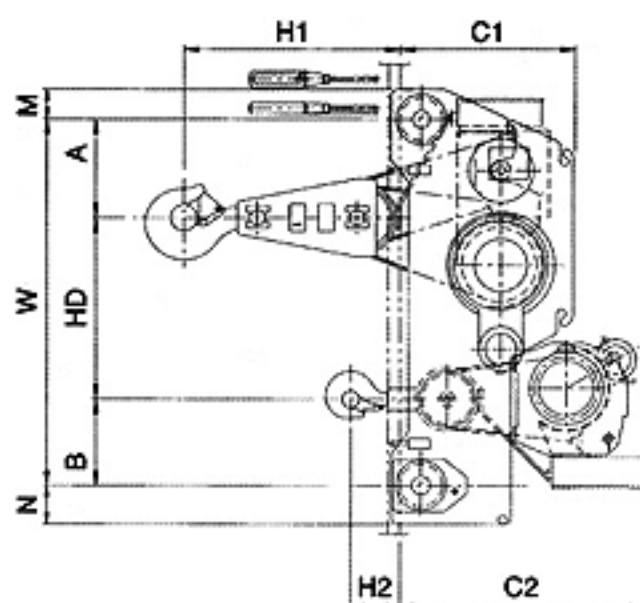
Model			BMA 5/3-M		BMA 7.5/3-M		BMA 10/5-M		BMA 15/5-M	
Capacity(ton)			5/3		7.5/3		10/5		15/5	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	50Hz	4.7/0.47	7.5/0.75	3.1/0.31	7.5/0.75	3.7/0.37	4.7/0.47	3.7/0.37	4.7/0.47
		60Hz	5.6/0.56	9/0.9	3.8/0.38	9/0.9	4.5/0.45	5.6/0.56	4.5/0.45	5.6/0.56
	Hoisting Motor (kw x P)	High Speed	5.5/1x6	5.5/1.1x4	5.5/1x6	5.5/1.1x4	9/1.1x8	5.5/1x6	13/1.8x8	5.5/1.x6
		Low Speed								
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
		Dia(mm) x No. of Ropes	12.5x4	12.5x2	14x4	12.5x2	16x4	16x2	20x4	16x2
Brake		DC Magnet Disc Brake								
Traversing	Traversing Speed (m /min)	High Speed 50/60(Hz)	20/24		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(Hz)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw x P)	High Speed	0.75x4		0.75x4		0.75x4		1.5x4	
		Low Speed	0.5x6		0.5x6		0.5x6		1x6	
Dimensions(approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	630		650		695		860	
		C2	845		725		905		930	
		G	1170		1185		1275		1385	
		K	885		870		1060		1065	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight(approx.) (kg)			1385		1690		1950		2605	
Traversing Rail			15kg/m		15kg/m		15kg/m		22kg/m	

Double-Rail Type Creep Main & Aux Hoist



Model			BMA 20/5-M		BMA 20/10-M		BMA 30/10-M		BMA 30/15-M	
Capacity(ton)			20/5		20/10		30/10		30/15	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	50Hz	3.5/0.35	4.7/0.47	3.5/0.35	3.7/0.37	2.3/0.23	3.7/0.37	2.3/0.23	3.7/0.37
		60Hz	4.2/0.42	5.6/0.56	4.2/0.42	4.5/0.45	2.8/0.28	4.5/0.45	2.8/0.28	4.5/0.45
	Hoisting Motor (kw x P)	High Speed	17/1.8x8	5.5/1x6	17/1.8x8	9/1.1x8	17/1.8x8	9/1.1x8	17/1.8x8	13/1.8x8
		Low Speed								
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
		Dia(mm) x No. of Ropes	22.4x4	16x2	22.4x4	16x4	22.4x6	16x4	22.4x6	20x4
Brake		DC Magnet Disc Brake								
Traversing	Traversing Speed (m/min)	High Speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw x P)	High Speed	1.5x4		1.5x4		1.5x4(2units)		1.5x4(2units)	
		Low Speed	1x6		1x6		1x6(2units)		1x6(2units)	
Dimensions(approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		575		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1000		995		1115	
		G	1480		1480		1740		1740	
		K	1210		1210		1470		1470	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		250		250	
		Q	250		250		280		280	
Weight(approx.) (kg)			3070		3600		4820		5320	
Traversing Rail			22kg/m		22kg/m		30kg/m		30kg/m	

Double-Rail Type Creep Main & Aux Hoist



Model			BMA 35/10-M		BMA 50/10-M		BMA 60/20-M		BMA 70/20-M	
Capacity(ton)			35/10		50/10		60/20		70/20	
Hoist	Max. lift(m)		12		12		12		12	
	Hoisting Speed (m/min)	50Hz	4/0.4	3.7/0.37	2.7/0.27	3.7/0.37	2/0.2	3.5/0.35	2/0.2	3.5/0.35
		60Hz	4.8/0.48	4.5/0.45	3.2/0.32	4.5/0.45	2.4/0.24	4.2/0.42	2.4/0.24	4.2/0.42
	Hoisting Motor (kw x P)	High Speed	37/3.7x6/4	9/1.1x8	37/3.7x6/4	9/1.1x8	37/3.7x6/4	17/1.8x8	37/3.7x6/4	17/1.8x8
		Low Speed								
	Wire Rope	Construction	6x Fi(25)	6x37	6x Fi(25)	6x37	6x Fi(25)	6x37	6x Fi(25)	6x37
		Dia(mm) x No. of Ropes	28x4	16x4	28x6	16x4	28x8	22.4x4	28x8	22.4x4
Brake		DC Magnet Disc Brake								
Traversing	Traversing Speed (m /min)	High Speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low Speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (kw x P)	High Speed	2.2x4		2.2x4(2units)		2.2x4(2units)		3.7x4(2units)	
		Low Speed	1.5x6		1.5x6(2units)		1.5x6(2units)		2.2x6(2units)	
Dimensions(approx.) (mm)			H1	1490	1680		1780		1780	
			H2	420	50		330		330	
			R	1600	2300		2800		2800	
			HD	1100	1300		1378		1378	
			A	740	968		968		968	
			B	560	657		579		579	
			C1	1013	1220		1220		1220	
			C2	1333	1460		1750		1750	
			G	1735	2060		2310		2310	
			K	1360	1715		1965		1965	
			W	2400	2925		2925		2925	
			D	70	80		80		80	
			L	1044	1430		1930		1930	
			M	215	275		275		275	
			N	215	275		275		275	
			P	355	450		450		500	
			Q	395	490		490		540	
Weight(approx.) (kg)			6700		8500		11290		11440	
Traversing Rail			37kg/m		50kg/m		50kg/m		50kg/m	