PRIMER NAROČANJA / *HOW TO ORDER*

MG 35 SC Q1 P2 2 L150 L1 L2

Tip / *Type*

Nazivna velikost / *Size number*

Velikost tirnice: 25, 35, 45, 55
Track rail size: 25, 35, 45, 55

Vrsta vozička / *Block type*

SC: brez prirobnice kratek / *narrow-short*
SL: brez prirobnice dolg / *narrow-long*
LC: s priprobnico kratek / *wide-short*
LL: s prirobnico dolg / *wide-long*

Razred točnosti (Q0, Q1, Q2, Q3) / *Accuracy class (Q0, Q1, Q2, Q3)*

Glej razpredelnico, stran 1.100.0 / *Look at the page 1.100.0*

Prednapetje (P2, P3) / *Preload (P2, P3)*

Glej razpredelnico, stran 1.100.0 / *Look at the page 1.100.0*

Število vozičkov na tirnici / *Number of blocks on the rail*

Dolžina tira / *Rail length*

Razdalja do prve luknje / *Starting hole pitch* (mm)

Glej razpredelnico, stran 1.105.0 - 1.110.0 / *Look at the page 1.105.0 - 1.110.0*

Razdalja do zadnje luknje / *End hole pitch* (mm)

Glej razpredelnico, stran 1.105.0 - 1.110.0 / *Look at the page 1.105.0 - 1.110.0*

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ZNAČILNOSTI / *CHARACTERISTICS*

- Optimirana geometrija tekalne površine / *Optimized roller raceway*
(FEM analiza deformacij pri prednapetju in obremenitvi rezultira v optimalno geometrijo za vsak razred prednapetja */ FEM analysis of deformations by preload and load results in an optimal geometry for each preload class)*

- Logaritmično profilirani valjčki / *Logarithmic profiled rollers*
(Z visoko preciznostjo oblike in ozkimi tolerancami zagotavljajo dolgo življenjsko dobo, visoke obremenitve in togost / H*ighest accuracy in shape and low tolerances guarantee a long lifetime, high loads and stiffness)*

- Mazalni sistem samo z ene strani / *One sided lubrication*
(Za vse načine montaže. Integrirani mazalni kanali v prednjem pokrovu zagotavljajo optimalno mazanje že z manjšimi količinami masti ali olja */ For lubrication in any mounting application. The integrated channels in front plate ensure lubrication with low quantities of grease or oil)*

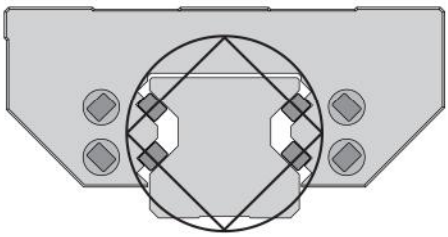
- "O" geometrija postavitve valjčkov / *"O" shape geometry*
(MG vodila zagotavljajo visoke obremenitve v kateri koli smeri. */ Due to the selected roller arrangement, the MG Monoguide has high load capacity)*

- Nizek koeficient trenja / *Smooth and constant running*
(Zahvaljujoč optimiranim obračalnim potem valjčkov *je koeficient trenja nizk / Smooth and constant runing due to optimized roller recirculating ways)*

- Visoka zanesljivost / *High reliability*
(Zmanjšano število komponent vodi v optimalne tekalne karakteristike vozička */ Reduced number of components and low related transitions are leading to high reliability)*

- Integrirano tesnenje / *Integrated sealing*
(Za varovanje tekalne površine vozička pred umazanijo in za zmanjšanje intervala mazanja */ To protect the raceways of the block even in dirty applications and to reduce the lubrication cycles)*

- Avtomatiziran proizvodni sistem / *Automated manufacturing processes*
(Integrirana kontrola kvalitete na merilnih napravah vodi h konstantni, visoko kvalitetni izdelavi / *Integrated quality checks on measuring machines are leading to a constant high quality production)*



"O" geometrija postavitve valjčkov
"O" shape geometry

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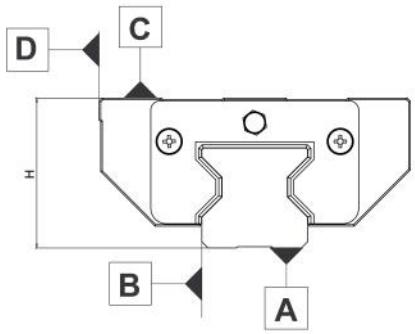
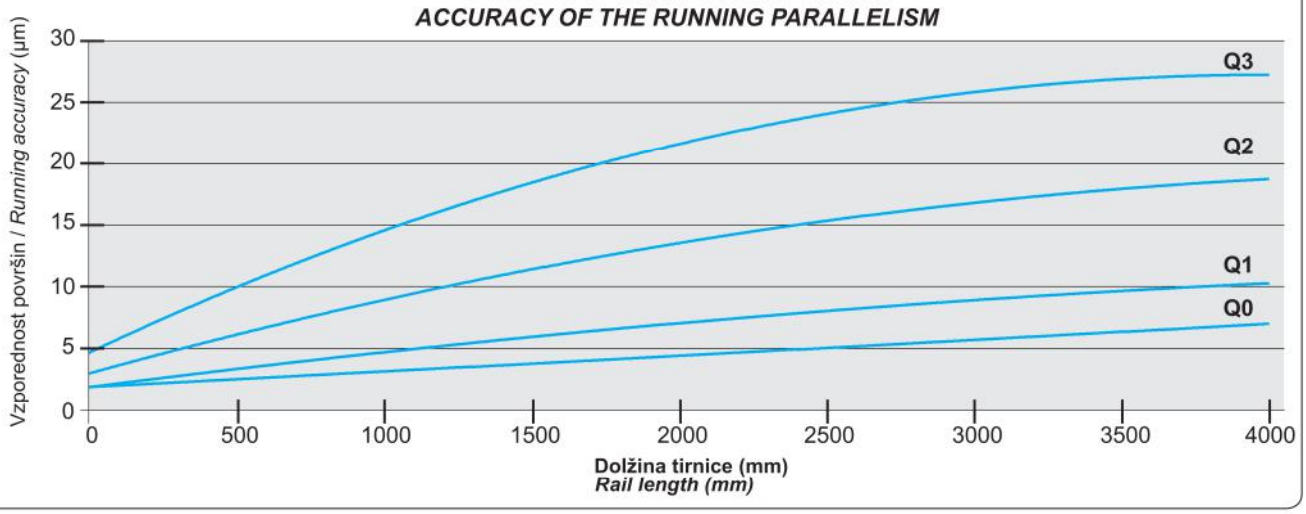
PODATKI ODSTOPANJ IN TOČNOSTI / *ACCURACY STANDARD*



Tolerance *Tolerances*	Razred točnosti / *Accuracy class*			
	Q0	Q1	Q2	Q3
Toleranca na dimenziji H *Tolerance on H dimension*	± 5 (µm)	± 10 (µm)	± 20 (µm)	± 30 (µm)
Toleranca na dimenziji A1 *Tolerance on A1 dimension*	± 5 (µm)	± 7 (µm)	± 20 (µm)	± 20 (µm)
Razlika na dimenziji H *Variation on H dimension*	3 (µm)	5 (µm)	7 (µm)	15 (µm)
Razlika na dimenziji A1 *Variation on A1 dimension*	3 (µm)	5 (µm)	7 (µm)	15 (µm)
Odklon paralelnosti ∆C-D in ∆A-B *Parallelism deviation ∆C-D in ∆A-B*	Glej diagram spodaj *See diagram below*			



Tip / *Type*	Vrednost prednapetja / *Preload value*	Razredi točnosti / Available accuracy class
P2	0.08 • C	Q0 | Q1 | Q2 | Q3
P3	0.13 • C	Q0 | Q1 | Q2 | Q3

HITROST IN POSPEŠEK / *SPEED AND ACCELERATION*

Hitrost *Speed*	V_{max} = 3m/s
Pospešek *Acceleration*	a_{max} = 50m/s

MAZANJE / *LUBRICATION*

	CASTROL	SHELL	AGIP
Mast Grease	CASTROL LONGTIME PD2	ALVANIA RL2	AUTOL TOP 2000 HIGH TEMP GR MU EP 2 (nižje hitrosti / *lower speed*)
Olje / Oil	MAGNA CF220	TONNA 220	EKSIDIA 220

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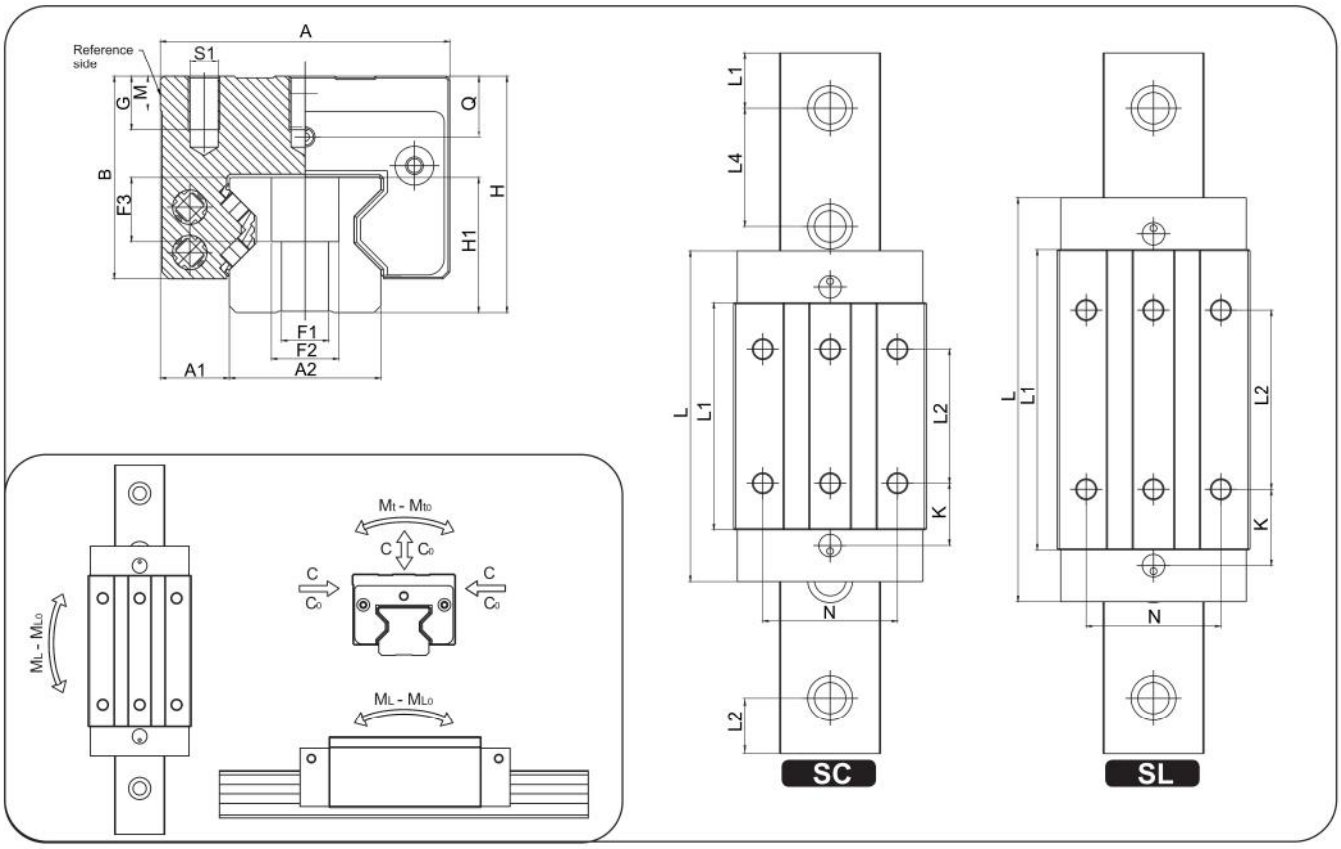
BREZ PRIROBNICE TIP SC/SL / *NARROW BLOCK TYPE SC/SL*



TIP *TYPE*	VGRADNJE MERE *FABRICATION DIMENSIONS*			DIMEZIJE VOZIČKA (mm) *BLOCK DIMENSIONS (mm)*										DIMENZIJE TIRNICE *RAIL DIMENSIONS*					
	H	A	A1	L	L1	L2	K	N	G	M	Q	B	S1	H1	A2	F1	F2	F3	L4
25 SC	40	48	12.5	90.2	62	35	19	35	9	7.5	9.5	33.5	M6	24.5	23	7	11	11.5	30
25 SL	40	48	12.5	109.7	81.5	50	21.2	35	9	7.5	9.5	33.5	M6	24.5	23	7	11	11.5	30
35 SC	55	70	18	119.3	80	50	21.5	50	12	8	14.9	48	M8	32	34	9	15	17	40
35 SL	55	70	18	142.3	103	72	22	50	12	8	14.9	48	M8	32	34	9	15	17	40
45 SC	70	86	20.5	147.3	101.3	60	27.6	60	18	10	18	60	M10	40	45	14	20	19	52.5
45 SL	70	86	20.5	179.8	133.8	80	33.9	60	18	10	18	60	M10	40	45	14	20	19	52.5
55 SC	80	100	23.5	173	120	75	31.5	75	19	12	19	67	M12	48	53	16	24	22	60
55 SL	80	100	23.5	215	162	95	42	75	19	12	19	67	M12	48	53	16	24	22	60

TIP *TYPE*	REF. PODATKI (mm) *REF. DATA (mm)*			NOSILNOST (N) *LOAD (N)*		STATIČNI MOMENT (Nm) *STATIC MOMENT (Nm)*			
	Lmax	L2,3 min.	L2,3 max.	Dynamic (C)	Static (C0)	Mt	Mt0	Ml	Ml0
25 SC	4000	8	20	28 700	57 600	431	863	285	570
25 SL	4000	8	20	38 900	76 800	583	1150	491	970
35 SC	4000	9	20	53 300	99 000	1179	2192	674	1253
35 SL	4000	9	20	72 600	136 000	1595	3014	1187	2243
45 SC	4000	12	22,5	95 000	184 000	2617	5070	1538	2979
45 SI	4000	12	22,5	119 500	242 200	3293	6672	2444	4951
55 SC	4000	12	22,5	132 600	256 000	4503	8707	2576	4981
55 SL	4000	12	22,5	176 000	351 000	5977	11915	4470	8910

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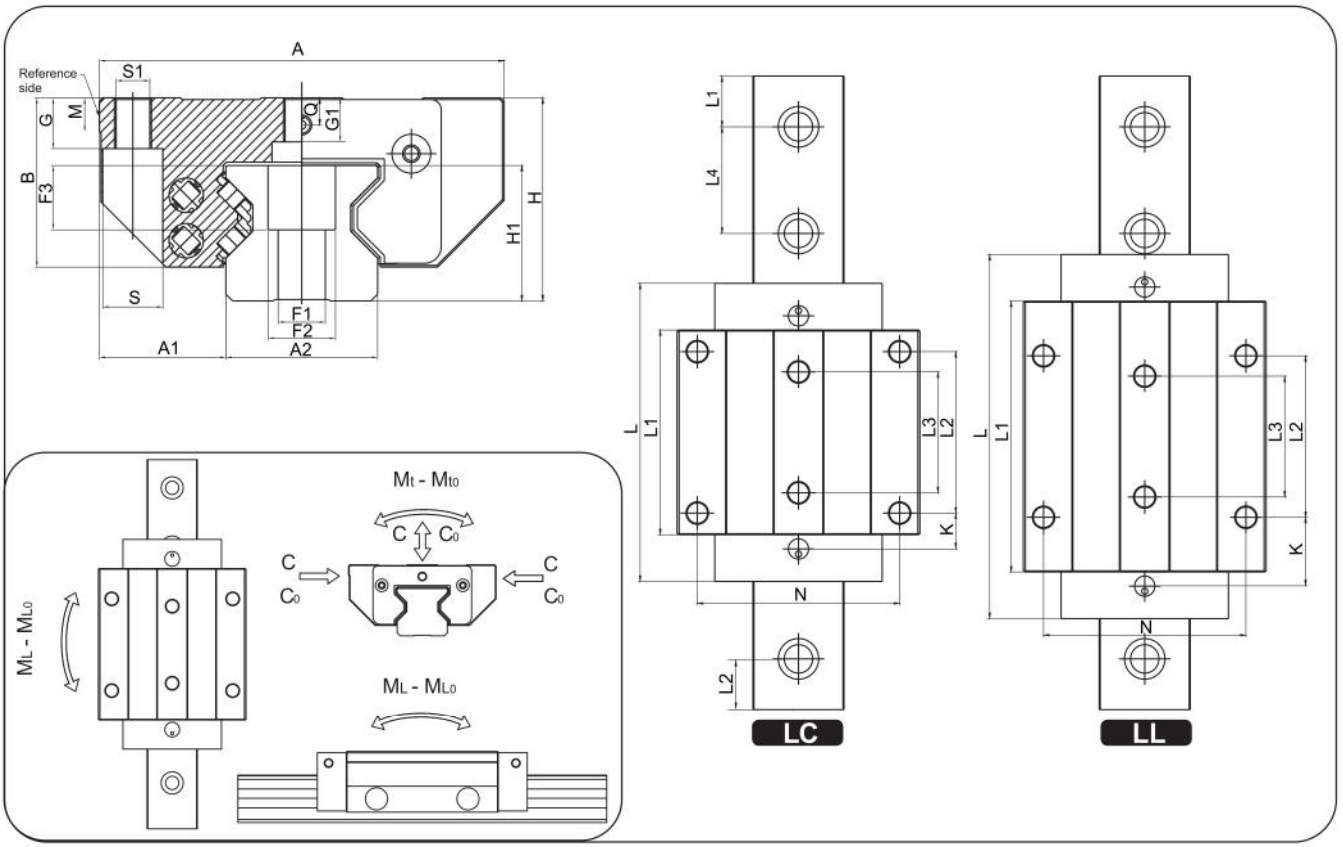
S PRIROBNICO TIP LC/LL / *WIDE BLOCK TYPE LC/LL*



TIP *TYPE*	VGRADNJE MERE *FABRICATION DIMENSIONS*			DIMEZIJE VOZIČKA (mm) *BLOCK DIMENSIONS (mm)*													DIMENZIJE TIRNICE *RAIL DIMENSIONS*					
	H	A	A1	L	L1	L2	L3	K	N	G	G1	M	Q	B	S1	S	H1	A2	F1	F2	F3	L4
25 LC	36	70	23.5	90.2	62	45	40	14	57	9	6.5	7.5	5.5	29.5	M8	11	24.5	23	7	11	11.5	30
25 LL	36	70	23.5	109.7	81.5	45	40	23.7	57	9	6.5	7.5	5.5	29.5	M8	11	24.5	23	7	11	11.5	30
35 LC	48	100	33	119.3	80	62	52	15.5	82	12	10	8	7.9	41	M10	15	32	34	9	15	17	40
35 LL	48	100	33	142.3	103	62	52	27	82	12	10	8	7.9	41	M10	15	32	34	9	15	17	40
45 LC	60	120	37.5	147.3	101.3	80	60	17.6	100	18	12	10	8	50	M12	18	40	45	14	20	19	52.5
45 LL	60	120	37.5	179.8	133.8	80	60	33.9	100	18	12	10	8	50	M12	18	40	45	14	20	19	52.5
55 LC	70	140	43.5	173	120	95	70	21.5	116	19	13.5	12	9	57	M14	20	48	53	16	24	22	60
55 LL	70	140	43.5	215	162	95	70	42	116	19	13.5	12	9	58	M1	20	48	53	16	24	22	60

TIP *TYPE*	REF. PODATKI (mm) *REF. DATA (mm)*			NOSILNOST (N) *LOAD (N)*		STATIČNI MOMENT (Nm) *STATIC MOMENT (Nm)*			
	Lmax	L2,3 min.	L2,3 max.	Dynamic (C)	Static (C0)	Mt	Mt0	Ml	Ml0
25 LC	4000	8	20	28 700	57 600	431	863	285	570
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