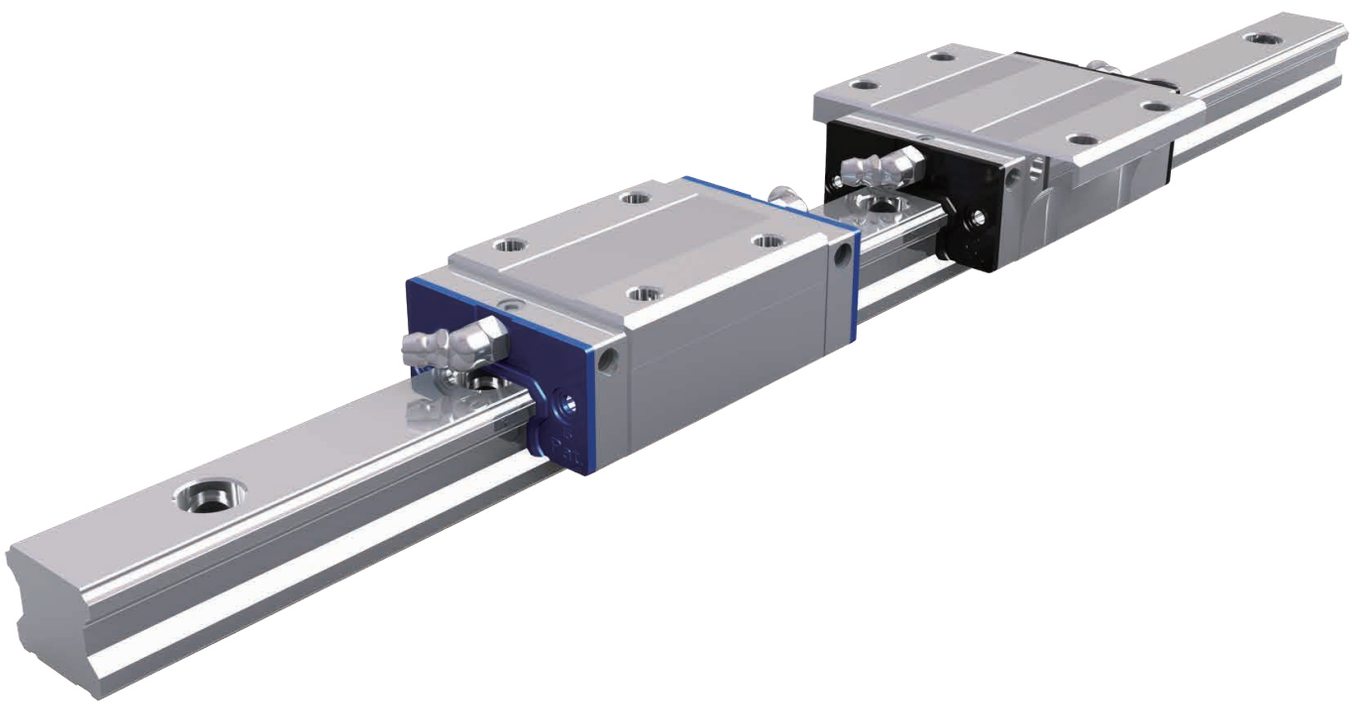
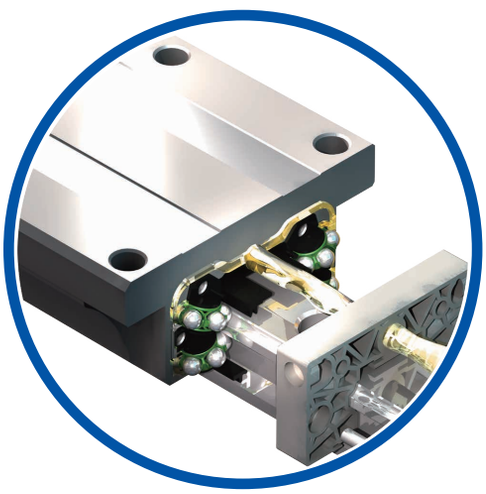
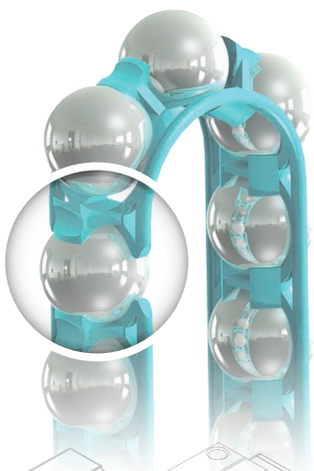
STABILIZED TRANSMISSION AS FORWARDING ®

STAF Linear Guide

One profile for All.







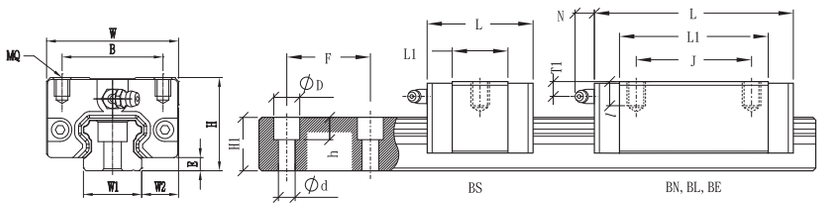
High Accuracy

Low Noise

Smooth Traveling

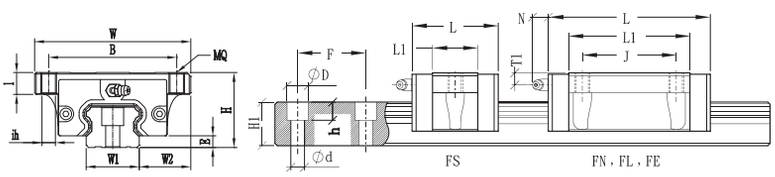
www.staf.com.tw

BGX、BGC SERIES (S-B)



Model	Assembly-mm				Block-mm									Rail-mm						Rating load-kN				Static moment - kN·m			Block	Rail
	H	W	W2	E	L	B	J	MQ	I	L1	Oil H	T1	N	W1	H1	F	d	D	h	C-BGX	C-BGC	C0-BGX	C0-BGC	M_X	M_Y	M_Z	kg	kg/m
S15BS	24	34	9.5	3.4	40.6	26		M4	4.8	22.2	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	6.9	5.7	10.8	9.8	0.068	0.032	0.032	0.10	1.28
S15BN	24	34	9.5	3.4	58.6	26	26	M4	4.8	40.2	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	13.0	11.5	21.6	19.6	0.136	0.117	0.117	0.17	1.28
S15BL	24	34	9.5	3.4	66.1	26	26	M4	4.8	47.7	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	14.1	13.9	26.1	23.7	0.164	0.169	0.169	0.18	1.28
S20BS	28	42	11.0	4.5	49.1	32		M5	5.5	27.5	M6X1.0	5.1	(12.3)	20	16.3	60	6.0	9.5	8.5	11.1	9.1	17.3	15.7	0.146	0.064	0.064	0.17	2.15
S20BN	28	42	11.0	4.5	70.1	32	32	M5	5.5	48.5	M6X1.0	5.1	(12.3)	20	16.3	60	6.0	9.5	8.5	21.5	17.7	33.6	30.5	0.285	0.220	0.220	0.26	2.15
S25BS	33	48	12.5	5.8	54.0	35		M6	6.8	32.3	M6X1.0	7.2	(12.2)	23	19.2	60	7.0	11.0	9.0	15.5	12.7	23.1	21	0.225	0.101	0.101	0.21	2.88
S25BN	33	48	12.5	5.8	79.2	35	35	M6	6.8	57.5	M6X1.0	7.2	(12.2)	23	19.2	60	7.0	11.0	9.0	28.1	24.8	45.2	41.1	0.440	0.352	0.352	0.38	2.88
X25BN	36	48	12.5	5.8	79.2	35	35	M6	9.0	57.5	M6X1.0	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	28.1	24.8	45.2	41.1	0.440	0.352	0.352	0.40	2.88
X25BL	36	48	12.5	5.8	93.9	35	35	M6	9.0	72.2	M6X1.0	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	33.7	31.9	58.1	52.8	0.566	0.568	0.568	0.54	2.88
X25BE	36	48	12.5	5.8	108.6	35	50	M6	9.0	86.9	M6X1.0	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	38.0	36.0	69.6	63.3	0.679	0.819	0.819	0.67	2.88
S30BS	42	60	16.0	7.0	64.2	40		M8	10.0	37.2	M6X1.0	10	(11.7)	28	22.8	80	9.0	14.0	12.0	22.1	18.2	29.7	27	0.350	0.150	0.150	0.50	4.45
S30BN	42	60	16.0	7.0	94.8	40	40	M8	10.0	67.8	M6X1.0	10	(11.7)	28	22.8	80	9.0	14.0	12.0	41.6	36.7	60.1	54.6	0.706	0.551	0.551	0.80	4.45
S30BL	42	60	16.0	7.0	105.0	40	40	M8	10.0	78.0	M6X1.0	10	(11.7)	28	22.8	80	9.0	14.0	12.0	48.1	47.5	77.8	70.7	0.915	0.821	0.821	0.94	4.45
S30BE	42	60	16.0	7.0	130.5	40	60	M8	10.0	103.5	M6X1.0	10	(11.7)	28	22.8	80	9.0	14.0	12.0	57.9	52.9	95.4	86.7	1.122	1.336	1.336	1.16	4.45
S35BS	48	70	18.0	7.5	75.5	50		M8	10.0	44.5	M6X1.0	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	31.8	26.2	44.8	40.7	0.643	0.269	0.269	0.80	6.25
S35BN	48	70	18.0	7.5	111.5	50	50	M8	10.0	80.5	M6X1.0	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	59.4	52.3	89.2	81.1	1.282	0.972	0.972	1.20	6.25
S35BL	48	70	18.0	7.5	123.5	50	50	M8	10.0	92.5	M6X1.0	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	68.8	65.4	111.5	101.4	1.602	1.396	1.396	1.40	6.25
S35BE	48	70	18.0	7.5	153.5	50	72	M8	10.0	122.5	M6X1.0	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	81.6	71.9	137.8	125.3	1.981	2.286	2.286	1.84	6.25
S45BN	60	86	20.5	8.9	129.0	60	60	M10	15.5	94.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	81.2	71.6	119.8	108.9	2.300	1.524	1.524	1.64	9.60
S45BL	60	86	20.5	8.9	145.0	60	60	M10	15.5	110.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	89.7	85.1	142.5	129.5	2.736	2.122	2.122	1.93	9.60
S45BE	60	86	20.5	8.9	174.0	60	80	M10	15.5	139.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	103.6	98.4	179.6	163.3	3.449	3.379	3.379	2.42	9.60
S55BN	70	100	23.5	12.7	155.0	75	75	M12	18.0	116.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	104.7	86.2	146.7	133.4	3.303	2.304	2.304	2.67	13.80
S55BL	70	100	23.5	12.7	193.0	75	75	M12	18.0	154.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	131.9	116.3	196.8	178.9	4.428	4.101	4.101	3.57	13.80
S55BE	70	100	23.5	12.7	210.0	75	95	M12	18.0	171.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	166.0	157.7	279.0	253.6	6.279	6.458	6.458	3.97	13.80

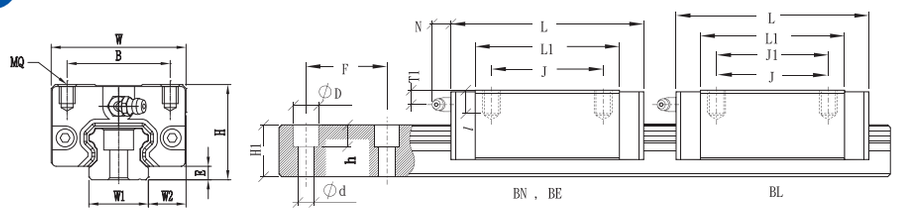
BGX、BGC SERIES (H-F) (S-F)



◎ PLEASE CONTACT OME/ STAF FOR MORE INFORMATION.

	Model	Assembly-mm				Block-mm										Rail-mm						Rating load-kN				Static moment - kN·m			Block	Rail
		H	W	W2	E	L	B	J	MQ	ih	I	L1	Oil H	T1	N	W1	H1	F	d	D	h	C-BGX	C-BGC	C0-BGX	C0-BGC	M_X	M_Y	M_Z	kg	kg/m
	H15FN	24	47	16.0	3.4	58.6	38	30	M5	4.4	7.5	40.2	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	13.0	11.5	21.6	19.6	0.136	0.117	0.117	0.21	1.28
	H15FL	24	47	16.0	3.4	66.1	38	30	M5	4.4	7.5	47.7	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	14.1	13.9	26.1	23.7	0.164	0.169	0.169	0.23	1.28
◎	S15FS	24	52	18.5	3.4	40.6	41		M5	4.4	7.5	22.2	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	6.9	5.7	10.8	9.8	0.068	0.032	0.032	0.12	1.28
	S15FN	24	52	18.5	3.4	58.6	41	26	M5	4.4	7.5	40.2	M4X0.7	5.5	(5.7)	15	13.0	60	4.5	7.5	5.5	13.0	11.5	21.6	19.6	0.136	0.117	0.117	0.19	1.28
	H20FN	30	63	21.5	4.5	70.1	53	40	M6	5.4	9.0	48.5	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	21.5	17.7	33.6	30.5	0.285	0.220	0.220	0.40	2.15
	H20FL	30	63	21.5	4.5	82.9	53	40	M6	5.4	9.0	61.3	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	26.0	23.0	43.5	39.5	0.369	0.361	0.361	0.46	2.15
	H20FE	30	63	21.5	4.5	98.1	53	40	M6	5.4	9.0	76.5	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	30.9	27.3	53.8	48.9	0.456	0.557	0.557	0.61	2.15
◎	S20FS	28	59	19.5	4.5	49.1	49		M6	5.4	7.0	27.5	M6X1	5.1	(12.3)	20	16.3	60	6.0	9.5	8.5	11.1	9.1	17.3	15.7	0.225	0.101	0.101	0.18	2.15
	S20FN	28	59	19.5	4.5	70.1	49	32	M6	5.4	7.0	48.5	M6X1	5.1	(12.3)	20	16.3	60	6.0	9.5	8.5	21.5	17.7	33.6	30.5	0.285	0.220	0.220	0.31	2.15
	H25FN	36	70	23.5	5.8	79.2	57	45	M8	6.8	10.1	57.5	M6X1	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	28.1	24.8	45.2	41.1	0.440	0.352	0.352	0.57	2.88
	H25FL	36	70	23.5	5.8	93.9	57	45	M8	6.8	10.1	72.2	M6X1	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	33.7	31.9	58.1	52.8	0.566	0.568	0.568	0.72	2.88
	H25FE	36	70	23.5	5.8	108.6	57	45	M8	6.8	10.1	86.9	M6X1	10.2	(12.2)	23	19.2	60	7.0	11.0	9.0	38.0	36.0	69.6	63.3	0.679	0.819	0.819	0.89	2.88
◎	S25FS	33	73	25.0	5.8	54.0	60		M8	6.8	7.1	32.3	M6X1	7.2	(12.3)	23	19.2	60	7.0	11.0	9.0	15.5	12.7	23.1	21.0	0.225	0.101	0.101	0.33	2.88
	S25FN	33	73	25.0	5.8	79.2	60	35	M8	6.8	7.1	57.5	M6X1	7.2	(12.3)	23	19.2	60	7.0	11.0	9.0	28.1	24.8	45.2	41.1	0.440	0.352	0.352	0.50	2.88
◎	H30FS	42	90	31.0	7.0	64.2	72		M10	8.6	12.0	37.2	M6X1	10	(11.7)	28	22.8	80	9.0	14.0	12.0	22.1	18.2	29.7	27.0	0.350	0.150	0.150	0.80	4.45
	H30FN	42	90	31.0	7.0	94.8	72	52	M10	8.6	12.0	67.8	M6X1	10	(11.7)	28	22.8	80	9.0	14.0	12.0	41.6	36.7	60.1	54.6	0.706	0.551	0.551	1.10	4.45
	H30FL	42	90	31.0	7.0	105.0	72	52	M10	8.6	12.0	78.0	M6X1	10	(11.7)	28	22.8	80	9.0	14.0	12.0	48.1	47.5	77.8	70.7	0.915	0.821	0.821	1.34	4.45
	H30FE	42	90	31.0	7.0	130.5	72	52	M10	8.6	12.0	103.5	M6X1	10	(11.7)	28	22.8	80	9.0	14.0	12.0	57.9	52.9	95.4	86.7	1.122	1.336	1.336	1.66	4.45
◎	H35FS	48	100	33.0	7.5	75.5	82		M10	8.6	14.0	44.5	M6X1	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	31.8	26.2	44.8	40.7	0.643	0.269	0.269	1.00	6.25
	H35FN	48	100	33.0	7.5	111.5	82	62	M10	8.6	14.0	80.5	M6X1	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	59.4	52.3	89.2	81.1	1.282	0.972	0.972	1.50	6.25
	H35FL	48	100	33.0	7.5	123.5	82	62	M10	8.6	14.0	92.5	M6X1	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	68.8	65.4	111.5	101.4	1.602	1.396	1.396	1.90	6.25
	H35FE	48	100	33.0	7.5	153.5	82	62	M10	8.6	14.0	122.5	M6X1	11.5	(11.5)	34	26.0	80	9.0	14.0	12.0	81.6	71.9	137.8	125.3	1.981	2.286	2.286	2.54	6.25
	H45FN	60	120	37.5	8.9	129.0	100	80	M12	10.6	16.0	94.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	81.2	71.6	119.8	108.9	2.300	1.524	1.524	2.27	9.60
	H45FL	60	120	37.5	8.9	145.0	100	80	M12	10.6	16.0	110.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	89.7	85.1	142.5	129.5	2.736	2.122	2.122	2.68	9.60
	H45FE	60	120	37.5	8.9	174.0	100	80	M12	10.6	16.0	139.0	M8X1.25	14.4	(10.8)	45	31.1	105	14.0	20.0	17.0	103.6	98.4	179.6	163.3	3.449	3.379	3.379	3.42	9.60
	H55FN	70	140	43.5	12.7	155.0	116	95	M14	12.6	19.0	116.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	104.7	86.2	146.7	133.4	3.303	2.304	2.304	3.44	13.80
	H55FL	70	140	43.5	12.7	193.0	116	95	M14	12.6	19.0	154.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	131.9	116.3	196.8	178.9	4.428	4.101	4.101	4.63	13.80
	H55FE	70	140	43.5	12.7	210.0	116	95	M14	12.6	19.0	171.0	M8X1.25	14.0	(10.8)	53	38.0	120	16.0	23.0	20.0	166.0	157.7	279.0	253.6	6.279	6.458	6.458	5.16	13.80

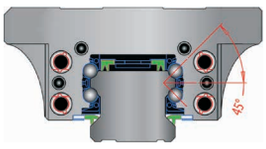
BGX、BGC SERIES (H-B)



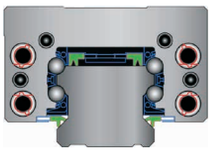
※ BL : BGX → J1 ; BGC → J

	Model	Assembly-mm				Block-mm										Rail-mm						Rating load-kN				Static moment - kN·m			Block	Rail
		H	W	W2	E	L	B	J	J1	MQ	I	L1	Oil H	T1	N	W1	H1	F	d	D	h	C-BGX	C-BGC	C0-BGX	C0-BGC	M_X	M_Y	M_Z	kg	kg/m
	H15BN	28	34	9.5	3.4	58.6	26	26		M4	6.0	40.2	M4X0.7	9.5	(5.7)	15	13.0	60	4.5	7.5	5.5	13.0	11.5	21.6	19.6	0.136	0.117	0.117	0.19	1.28
	H20BN	30	44	12.0	4.5	70.1	32	36		M5	6.5	48.5	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	21.5	17.7	33.6	30.5	0.285	0.220	0.220	0.31	2.15
※	H20BL	30	44	12.0	4.5	82.9	32	36	50	M5	6.5	61.3	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	26.0	23.0	43.5	39.5	0.369	0.361	0.361	0.36	2.15
	H20BE	30	44	12.0	4.5	98.1	32	50		M5	6.5	76.5	M6X1	7.1	(12.3)	20	16.3	60	6.0	9.5	8.5	30.9	27.3	53.8	48.9	0.456	0.557	0.557	0.47	2.15
	H25BN	40	48	12.5	5.8	79.2	35	35		M6	9.0	57.5	M6X1	14.2	(12.2)	23	19.2	60	7.0	11.0	9.0	28.1	24.8	45.2	41.1	0.440	0.352	0.352	0.45	2.88
※	H25BL	40	48	12.5	5.8	93.9	35	35	50	M6	9.0	72.2	M6X1	14.2	(12.2)	23	19.2	60	7.0	11.0	9.0	33.7	31.9	58.1	52.8	0.566	0.568	0.568	0.66	2.88
	H25BE	40	48	12.5	5.8	108.6	35	50		M6	9.0	86.9	M6X1	14.2	(12.2)	23	19.2	60	7.0	11.0	9.0	38.0	36.0	69.6	63.3	0.679	0.819	0.819	0.80	2.88
	H30BN	45	60	16.0	7.0	94.8	40	40		M8	12.0	67.8	M6X1	13	(11.7)	28	22.8	80	9.0	14.0	12.0	41.6	36.7	60.1	54.6	0.706	0.551	0.551	0.91	4.45
※	H30BL	45	60	16.0	7.0	105.0	40	40	60	M8	12.0	78.0	M6X1	13	(11.7)	28	22.8	80	9.0	14.0	12.0	48.1	47.5	77.8	70.7	0.915	0.821	0.821	1.04	4.45
	H30BE	45	60	16.0	7.0	130.5	40	60		M8	12.0	103.5	M6X1	13	(11.7)	28	22.8	80	9.0	14.0	12.0	57.9	52.9	95.4	86.7	1.122	1.336	1.336	1.36	4.45
	H35BN	55	70	18.0	7.5	111.5	50	50		M8	12.0	80.5	M6X1	18.5	(11.5)	34	26.0	80	9.0	14.0	12.0	59.4	52.3	89.2	81.1	1.282	0.972	0.972	1.50	6.25
※	H35BL	55	70	18.0	7.5	123.5	50	50	72	M8	12.0	92.5	M6X1	18.5	(11.5)	34	26.0	80	9.0	14.0	12.0	68.8	65.4	111.5	101.4	1.602	1.396	1.396	1.80	6.25
	H35BE	55	70	18.0	7.5	153.5	50	72		M8	12.0	122.5	M6X1	18.5	(11.5)	34	26.0	80	9.0	14.0	12.0	81.6	71.9	137.8	125.3	1.981	2.286	2.286	2.34	6.25
	H45BN	70	86	20.5	8.9	129.0	60	60		M10	18.0	94.0	M8X1.25	24.4	(10.8)	45	31.1	105	14.0	20.0	17.0	81.2	71.6	119.8	108.9	2.300	1.524	1.524	2.28	9.60
※	H45BL	70	86	20.5	8.9	145.0	60	60	80	M10	18.0	110.0	M8X1.25	24.4	(10.8)	45	31.1	105	14.0	20.0	17.0	89.7	85.1	142.5	129.5	2.736	2.122	2.122	2.67	9.60
	H45BE	70	86	20.5	8.9	174.0	60	80		M10	18.0	139.0	M8X1.25	24.4	(10.8)	45	31.1	105	14.0	20.0	17.0	103.6	98.4	179.6	163.3	3.449	3.379	3.379	3.35	9.60
	H55BN	80	100	23.5	12.7	155.0	75	75		M12	22.0	116.0	M8X1.25	24.0	(10.8)	53	38.0	120	16.0	23.0	20.0	104.7	86.2	146.7	133.4	3.303	2.304	2.304	3.42	13.80
※	H55BL	80	100	23.5	12.7	193.0	75	75	95	M12	22.0	154.0	M8X1.25	24.0	(10.8)	53	38.0	120	16.0	23.0	20.0	131.9	116.3	196.8	178.9	4.428	4.101	4.101	4.57	13.80
	H55BE	80	100	23.5	12.7	210.0	75	95		M12	22.0	171.0	M8X1.25	24.0	(10.8)	53	38.0	120	16.0	23.0	20.0	166.0	157.7	279.0	253.6	6.279	6.458	6.458	5.08	13.80

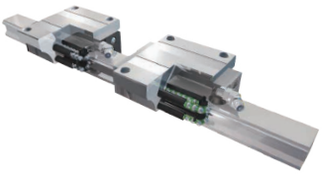
- Equal load capacities in four directions
  High rigidity 4-row angular contact
  Integral all-round double sealing



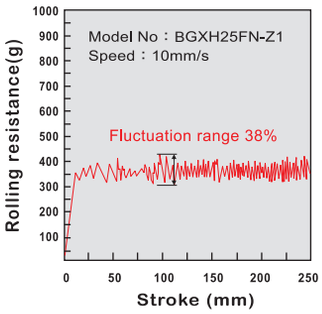
- High speed-low noises
  Interchangeability
  No ball drop

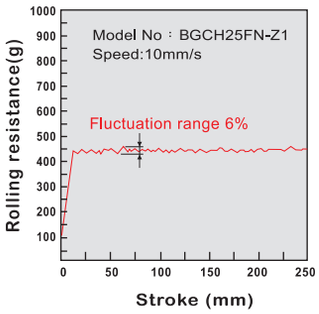


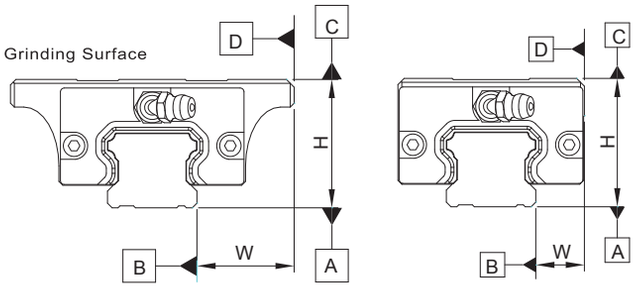
- Cage & Non-cage blocks
  on the same profile rail



Only 1/6-1/10 Fluctuation range for cage block







Accuracy Standard

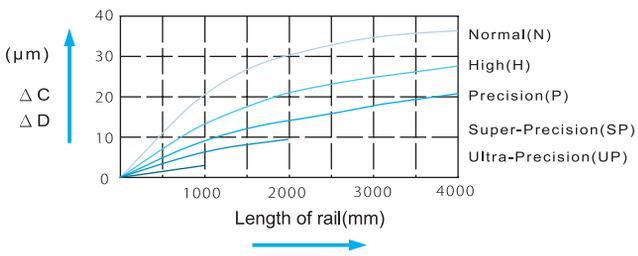


Fig. 1-1 BG rail length and running parallelism

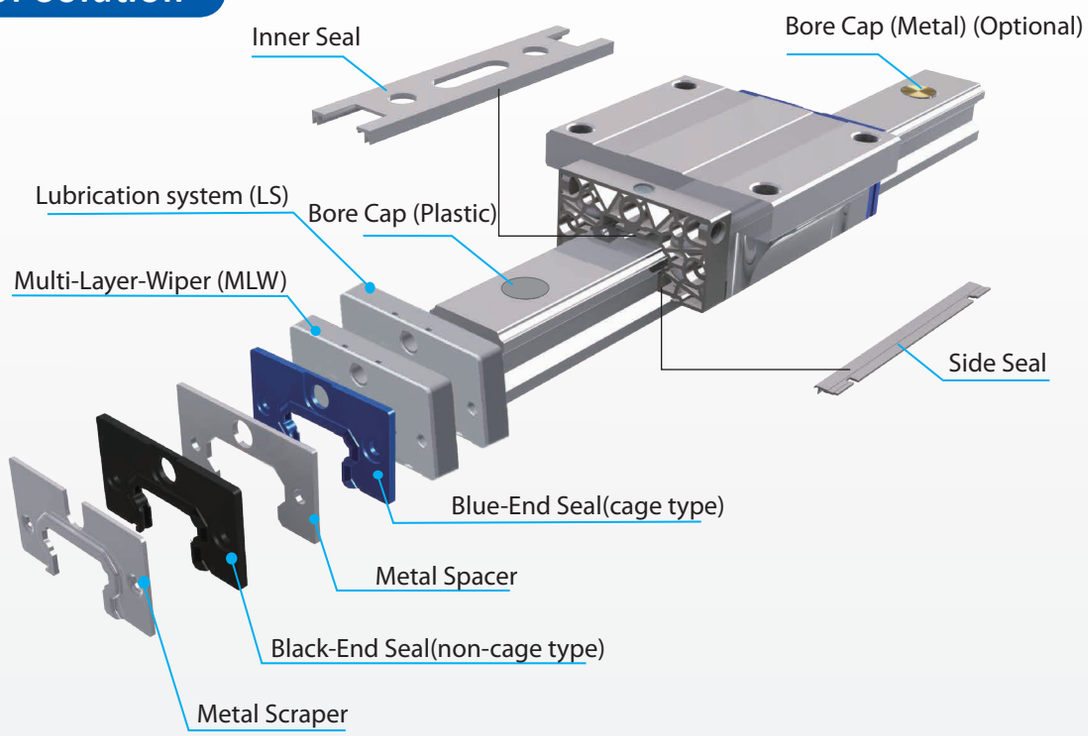
Unit : mm

ITEM / GRADE	Normal(N)	High(H)	Precision(P)	Super-Precision (SP)	Ultra-Precision (UP)
Tolerance of height (H)	±0.1	±0.04	0 -0.04	0 -0.02	0 -0.01
Tolerance of width (W)	±0.1	±0.04	0 -0.04	0 -0.02	0 -0.01
Difference of heights (△H)	0.03	0.02	0.01	0.005	0.003
Difference of widths (△W)	0.03	0.02	0.01	0.005	0.003
Running parallelism of Block surface C with respect to surface A	△C Refer to Fig. 1-1				
Running parallelism of Block surface D with respect to surface B	△D Refer to Fig. 1-1				

High accuracy | Low noise

Low friction | Low vibration

STAF Dust-Proof Solution



STAF Seal combination

Model	Standard Seals	LFS	RSS	LS	Additional
Code	— —			—	—

Standard Seals		Low Friction Seals (LFS)		Reinforced Side Seals (RSS)	
Code	Explain	Code	Explain	Code	Explain
--	End Seal + Side Seal	AL	LFS + Side Seal	AB	End Seal + RSS
UU	End Seal	UL	LFS	SB	End Seal + RSS + Inner Seal
SS	End Seal + Side Seal + Inner Seal	SL	LFS + Side Seal + Inner Seal	DB	Double Seal + RSS
DD	Double Seal + Side Seal	DL	Double LFS + Side Seal	EB	Double Seal + RSS + Inner Seal
EE	Double Seal + Side Seal + Inner Seal	EL	Double LFS + Side Seal + Inner Seal	FB	End Seal + RSS + Inner Seal + Scraper
FF	End Seal + Side Seal + Inner Seal + Scraper	FL	LFS + Side Seal + Inner Seal + Scraper	GB	Double Seal + RSS + Inner Seal + Scraper
GG	Double Seal + Side Seal + Inner Seal + Scraper	GL	Double LFS + Side Seal + Inner Seal + Scraper	ZB	End Seal + RSS + Scraper
ZZ	End Seal + Side Seal + Scraper	ZL	LFS + Side Seal + Scraper	KB	Double Seal + RSS + Scraper
KK	Double Seal + Side Seal + Scraper	KL	Double LFS + Side Seal + Scraper		

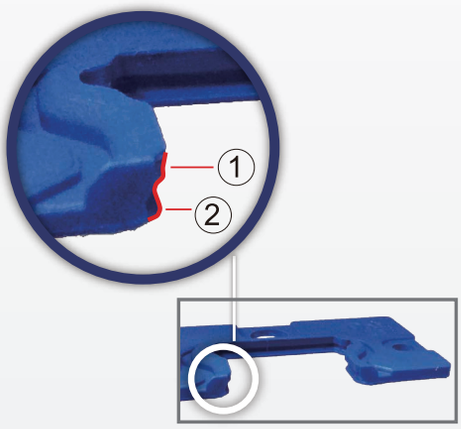
Lubrication system (LS)	
Code	Explain
A	Self-Lubrication

Additional	
Code	Explain
M	Multiple Layer Wiper

Divergence in End Seal

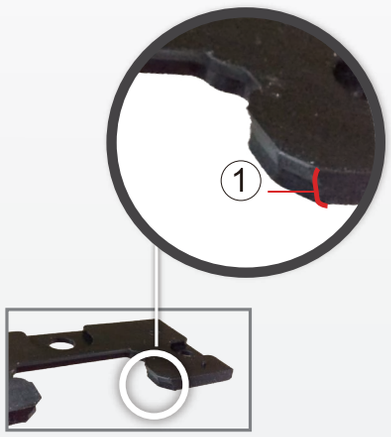
HDP Dual-lip End Seal

1. Double-lip design with higher driving resistance.
2. Excellent dust prevention capacity.

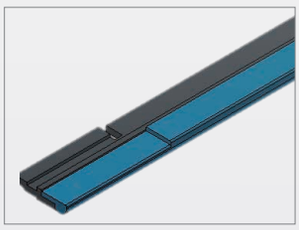


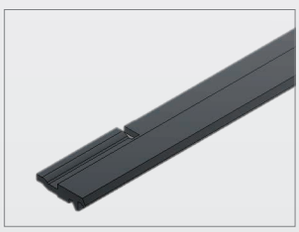
LDP Single-lip End Seal

1. Single-lip design with lower driving resistance.
2. Smoothness



Reinforced/Standard Side Seal





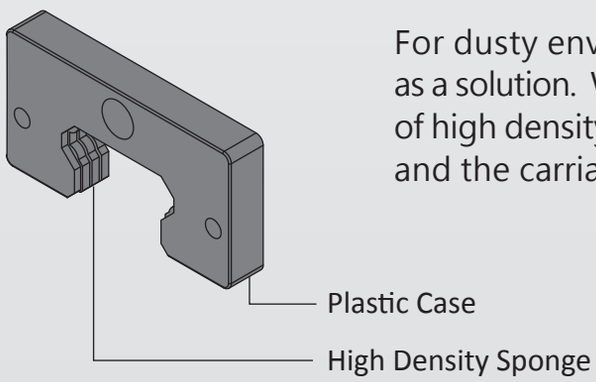
Double injection side seal (Reinforced Side Seal, RSS)

Composed by solid material (ABS) and soft material (TPU) which fits the rail perfectly against foreign particles.

Single material side seal (Standard Side Seal)

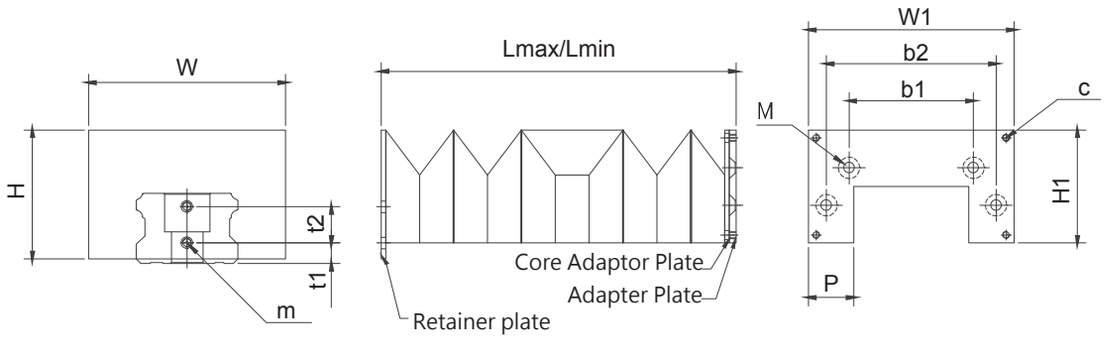
Nylon seal with good prevention and lower driving resistance, suitable for general applications.

Multi-Layer-Wiper (MLW)

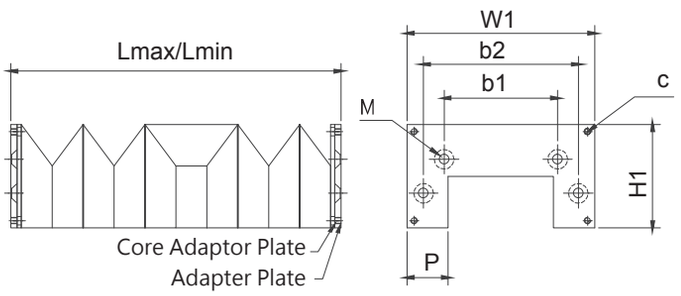


For dusty environments, OME provides Multi-Layer-Wiper as a solution. With stacking structure composed by three layers of high density sponge,tiny particles on the rail are wiped out, and the carriage is prevented from invasion.

Carriage to Rail



Carriage to Carriage



L max: Max. Elongation Length

L min: Min. Compression Length

ST (Stroke) = Lmax – Lmin

Size specifications

Unit :mm

Size	Adapter Plate Dimension(mm)									Screw Specification		
	W	H	W1	H1	P	b1	b2	t1	t2	(M)Flat Head Screws	m	c
15	36	24	38	20.5	10	18.4	27	3	7.5	M2.5x12L	M3x6L	M3x5L
20	42	27.5	44	23	10	24.6	34.5	3.7	10	M3x12L	M3x6L	M3x5L
25	48	30	48	28	10	28	40.2	6	10	M3x14L	M3x6L	M3x5L
30	70	38	62	34	15	34	50.5	6.8	12	M3x16L	M4x8L	M3x5L
35	70	43	72	40	15	43	60	9	12	M4x18L	M4x8L	M3x5L
45	87	57	91	50	20	55	75	9.1	16	M4x18L	M4x8L	M3x5L
55	100	60	104	55	20	64	88	15	16	M4x25L	M4x8L	M3x5L

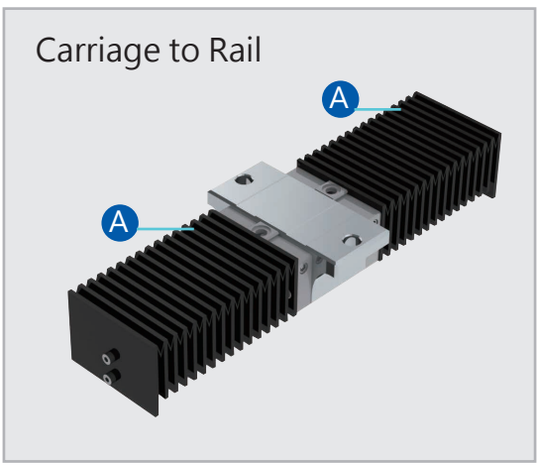
Stroke

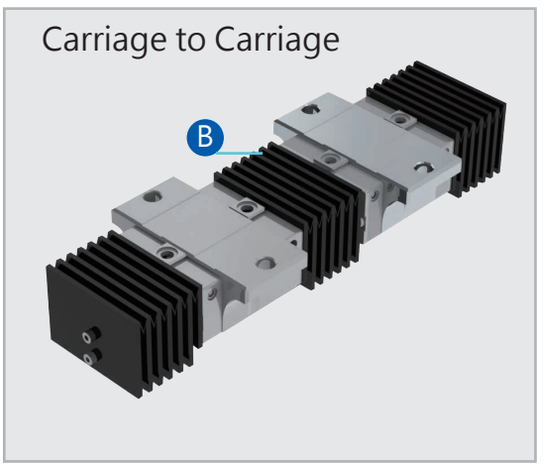
Unit :mm

Lmax(mm)	500	800	1000	1200	1500
Lmin(mm)	160	235	285	335	410

◎ PLEASE CONTACT OME/ STAF FOR MORE INFORMATION.

Bellow





Model Number Coding

BGC — 15 — A — 01000 — 00285

Slide type :
BGX : non-cage
BGC : cage

Model :15, 20, 25, 30, 35, 45, 55

Locking Method :
A：Carriage to Rail B：Carriage to Carriage

L max

L min

Model Number Coding

BGC H 25 BN - 2 - UUAM - L 1500 - P - Z1 - II R 1

Slide type :
BGX : non-cage
BGC : cage

Assembly height :
H : high assembly
S : low assembly
X : special assembly

Model : 15,20,25,30,35,45, 55

Carriage Type :
BN : no flange/standard
BL : no flange/long
BE : no flange/extra long
BS : no flange/short
FN : flange/standard
FS : flange/short
FL : flange/long
FE : flange/extra long

Number of Carriages

Seal Combination *reference to the seal combination chart*

Rail type :
L : standard
C : bolt up from bottom
M: steel band
S: bellow
X : special drilling
J : Joint Rails(standard)
D: Joint Rails(bolt from bottom)

Rail length (mm)

Accuracy :
N : normal
H : high
P : precision
SP : super-precision
UP : ultra-precision

Preload :
ZF : clearance
Z0 : zero preload
Z1 : light preload
Z2 : medium preload
Z3 : heavy preload

Two rails in parallel

Surface Treatment:(N/A on P.SP.UP)
– :
D : Trivalent Chromium Coating
R : Fluoride Chrome Coating
N : Nickel Plating
B : Black Oxide
K : Black Chromium
P : Phosphate Coating

Products Treated :
– :
1 : Rails ONLY 2 : Carriages ONLY 3 : Rail and Carriages X : Customize

OME Technology Co.,Ltd.
www.ome.com.tw
No.46, Ln. 168, Sanshu Rd., Sanxia Dist., New Taipei City 237, Taiwan
Tel:+886-2-26716600 Fax:+886-2-26711400