

12. The Comparative Table of Old and New Series

New Series			Former series					
Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > [mm]	Dynamic load rating C ₅₀ [N]	Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > Q ₁ ×ℓ [mm]	Dynamic load rating C ₅₀ [N]	Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > Q ₁ ×ℓ [mm]	Dynamic load rating C ₅₀ [N]
NH15AN	M4x0.7x6	14 200	LH15AN	M4x0.7x6	10 800	SH15AN	M4x0.7x6	10 100
NH15BN	M4x0.7x6	18 100	LH15BN	M4x0.7x6	14 600	SH15BN	M4x0.7x6	13 400
NH15EM	M5x0.8x7 <4.4>	14 200	LH15EL	M5x0.8x8	10 800	SH15EL	M5x0.8x8	10 100
			LH15FL	M5x0.8x7 <4.4>	10 800	SH15FL	M5x0.8x7 <4.4>	10 100
NH15GM	M5x0.8x7 <4.4>	18 100	LH15GL	M5x0.8x8	14 600	SH15GL	M5x0.8x8	13 400
			LH15GM	M5x0.8x7 <4.4>	14 600	SH15GM	M5x0.8x7 <4.4>	13 400
			LH15HL	4.5x7	14 600	SH15HL	4.5x7	13 400
NH20AN	M5x0.8x6	23 700	LH20AN	M5x0.8x6	17 400	SH20AN	M5x0.8x6	16 300
			LH20BN	M5x0.8x6	23 500	SH20BN	M5x0.8x6	21 600
NH20EM	M6x1x9.5 <5.3>	23 700	LH20EL	M6x1x10	17 400	SH20EL	M6x1x10	16 300
			LH20FL	M6x1x9.5 <5.3>	17 400	SH20FL	M6x1x9.5 <5.3>	16 300
NH20GM	M6x1x9.5 <5.3>	30 000	LH20GL	M6x1x10	23 500	SH20GL	M6x1x10	21 600
			LH20GM	M6x1x9.5 <5.3>	23 500	SH20GM	M6x1x9.5 <5.3>	21 600
			LH20HL	6x9.5	23 500	SH20HL	6x9.5	21 600
NH25AL	M6x1x6	33 500	LH25AL	M6x1x6	25 600	SH25AL	M6x1x6	22 400
NH25AN	M6x1x9	33 500	LH25AN	M6x1x9	25 600	SH25AN	M6x1x9	22 400
NH25BL	M6x1x6	45 500	LH25BL	M6x1x6	34 500	SH25BL	M6x1x6	32 000
NH25BN	M6x1x9	45 500	LH25BN	M6x1x9	34 500	SH25BN	M6x1x9	32 000
NH25EM	M8x1.25x10(11.5) <6.8>	33 500	LH25EL	M8x1.25x16(12)	25 600	SH25EL	M8x1.25x16(12)	22 400
			LH25EM	M8x1.25x10(11.5) <6.8>	25 600	SH25EM	M8x1.25x10(11.5) <6.8>	22 400
NH25GM	M8x1.25x10(11.5) <6.8>	45 500	LH25FL	7x10(11.5)	25 600	SH25FL	7x10(11.5)	22 400
			LH25GL	M8x1.25x16(12)	34 500	SH25GL	M8x1.25x16(12)	32 000
			LH25GM	M8x1.25x10(11.5) <6.8>	34 500	SH25GM	M8x1.25x10(11.5) <6.8>	32 000
NH30AL	M8x1.25x8	41 000	LH30AL	M8x1.25x8	31 000	SH30AL	M8x1.25x8	31 000
NH30AN	M8x1.25x10	41 000	LH30AN	M8x1.25x10	31 000	SH30AN	M8x1.25x10	31 000
NH30BL	M8x1.25x8	61 000	LH30BL	M8x1.25x8	46 000	SH30BL	M8x1.25x8	46 000
NH30BN	M8x1.25x10	61 000	LH30BN	M8x1.25x10	46 000	SH30BN	M8x1.25x10	46 000
NH30EM	M10x1.5x12(14.5) <8.6>	47 000	LH30EL	M10x1.5x18(15)	35 500	SH30EL	M10x1.5x18(15)	35 500
			LH30EM	M10x1.5x12(14.5) <8.6>	35 500	SH30EM	M10x1.5x12(14.5) <8.6>	35 500
			LH30FL	9x12(14.5)	35 500	SH30FL	9x12(14.5)	35 500
NH30GM	M10x1.5x12(14.5) <8.6>	61 000	LH30GL	M10x1.5x18(15)	46 000	SH30GL	M10x1.5x18(15)	46 000
			LH30GM	M10x1.5x12(14.5) <8.6>	46 000	SH30GM	M10x1.5x12(14.5) <8.6>	46 000
			LH30HL	9x12(14.5)	46 000	SH30HL	9x12(14.5)	46 000
NH35AL	M8x1.25x8	62 500	LH35AL	M8x1.25x8	47 500	SH35AL	M8x1.25x8	47 500
NH35AN	M8x1.25x12	62 500	LH35AN	M8x1.25x12	47 500	SH35AN	M8x1.25x12	47 500
NH35BL	M8x1.25x8	81 000	LH35BL	M8x1.25x8	61 500	SH35BL	M8x1.25x8	61 500
NH35BN	M8x1.25x12	81 000	LH35BN	M8x1.25x12	61 500	SH35BN	M8x1.25x12	61 500
NH35EM	M10x1.5x13 <8.6>	62 500	LH35EL	M10x1.5x20	47 500	SH35EL	M10x1.5x20	47 500
			LH35EM	M10x1.5x13 <8.6>	47 500	SH35EM	M10x1.5x13 <8.6>	47 500
			LH35FL	9x13	47 500	SH35FL	9x13	47 500
NH35GM	M10x1.5x13 <8.6>	81 000	LH35GL	M10x1.5x20	61 500	SH35GL	M10x1.5x20	61 500
			LH35GM	M10x1.5x13 <8.6>	61 500	SH35GM	M10x1.5x13 <8.6>	61 500
			LH35HL	9x13	61 500	SH35HL	9x13	61 500
NH45AL	M10x1.5x10	107 000	LH45AL	M10x1.5x10	81 000	SH45AL	M10x1.5x10	76 500
NH45AN	M10x1.5x17	107 000	LH45AN	M10x1.5x17	81 000	SH45AN	M10x1.5x17	76 500
NH45BL	M10x1.5x10	131 000	LH45BL	M10x1.5x10	99 000	SH45BL	M10x1.5x10	94 500
NH45BN	M10x1.5x17	131 000	LH45BN	M10x1.5x17	99 000	SH45BN	M10x1.5x17	94 500
NH45EM	M12x1.75x15 <10.5>	107 000	LH45EL	M12x1.75x24	81 000	SH45EL	M12x1.75x24	76 500
			LH45EM	M12x1.75x15 <10.5>	81 000	SH45EM	M12x1.75x15 <10.5>	76 500
			LH45FL	11x15	81 000	SH45FL	11x15	76 500
NH45GM	M12x1.75x15 <10.5>	131 000	LH45GL	M12x1.75x24	99 000	SH45GL	M12x1.75x24	94 500
			LH45GM	M12x1.75x15 <10.5>	99 000	SH45GM	M12x1.75x15 <10.5>	94 500
			LH45HL	11x15	99 000	SH45HL	11x15	94 500
NH55AL	M12x1.75x13	158 000	LH55AL	M12x1.75x13	119 000	SH55AL	M12x1.75x13	113 000
NH55AN	M12x1.75x18	158 000	LH55AN	M12x1.75x18	119 000	SH55AN	M12x1.75x18	113 000
NH55BL	M12x1.75x13	193 000	LH55BL	M12x1.75x13	146 000	SH55BL	M12x1.75x13	140 000
NH55BN	M12x1.75x18	193 000	LH55BN	M12x1.75x18	146 000	SH55BN	M12x1.75x18	140 000
NH55EM	M14x2x18 <12.5>	158 000	LH55EL	M14x2x18	119 000	SH55EL	M14x2x18	113 000
			LH55EM	M14x2x18 <12.5>	119 000	SH55EM	M14x2x18 <12.5>	113 000
			LH55FL	14x18	119 000	SH55FL	14x18	113 000
NH55GM	M14x2x18 <12.5>	193 000	LH55GL	M14x2x18	146 000	SH55GL	M14x2x18	140 000
			LH55GM	M14x2x18 <12.5>	146 000	SH55GM	M14x2x18 <12.5>	140 000
			LH55HL	14x18	146 000	SH55HL	14x18	140 000
NH65AN	M16x2x20	239 000	LH65AN	M16x2x20	181 000	SH65AN	M16x2x20	181 000
NH65BN	M16x2x20	310 000	LH65BN	M16x2x20	235 000	SH65BN	M16x2x20	235 000
NH65EM	M16x2x24 <14.6>	239 000	LH65EL	M16x2x24	181 000	SH65EL	M16x2x24	181 000
			LH65EM	M16x2x24 <14.6>	181 000	SH65EM	M16x2x24 <14.6>	181 000
			LH65FL	16x24	181 000	SH65FL	16x24	181 000
NH65GM	M16x2x24 <14.6>	310 000	LH65GL	M16x2x24	235 000	SH65GL	M16x2x24	235 000
			LH65GM	M16x2x24 <14.6>	235 000	SH65GM	M16x2x24 <14.6>	235 000
			LH65GL	M16x24	235 000	SH65GL	M16x24	235 000

- Notes 1) Parenthesized dimensions are for items made of stainless steel.
 2) Basic dynamic load rating is a load that allows for a 50-km rating fatigue life and is a vertical and constant load on the ball slide mounting surface.

New Series			Former series					
Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > [mm]	Dynamic load rating C ₅₀ [N]	Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > Q ₁ ×ℓ [mm]	Dynamic load rating C ₅₀ [N]	Model No.	Ball slide mounting hole dimension M×pitch×ℓ <Q ₂ > Q ₁ ×ℓ [mm]	Dynamic load rating C ₅₀ [N]
NS15CL	M4×0.7×6	7 250	LS15CL	M4×0.7×6	5 400	SS15CL	M4×0.7×6	4 900
NS15AL	M4×0.7×6	11 200	LS15AL	M4×0.7×6	8 350	SS15AL	M4×0.7×6	7 900
NS15JM	M5×0.8×7 <4.4>	7 250	LS15JL	M5×0.8×8	5 400	SS15JL	M5×0.8×8	4 900
			LS15JM	M5×0.8×7 <4.4>	5 400	SS15JM	M5×0.8×7 <4.4>	4 900
			LS15KL	4.5×7	5 400	SS15KL	4.5×7	4 900
NS15EM	M5×0.8×7 <4.4>	11 200	LS15EL	M5×0.8×8	8 350	SS15EL	M5×0.8×8	7 900
			LS15EM	M5×0.8×7 <4.4>	8 350	SS15EM	M5×0.8×7 <4.4>	7 900
			LS15FL	4.5×7	8 350	SS15FL	4.5×7	7 900
NS20CL	M5×0.8×7	10 600	LS20CL	M5×0.8×7	7 900	SS20CL	M5×0.8×7	7 250
	M5×0.8×7	15 600	LS20AL	M5×0.8×7	11 700	SS20AL	M5×0.8×7	11 100
NS20JM	M6×1×9(9.5) <5.3>	10 600	LS20JL	M6×1×10	7 900	SS20JL	M6×1×10	7 250
			LS20JM	M6×1×9(9.5) <5.3>	7 900	SS20JM	M6×1×9(9.5) <5.3>	7 250
			LS20KL	5.5×9(9.5)	7 900	SS20KL	5.5×9(9.5)	7 250
NS20EM	M6×1×9(9.5) <5.3>	15 600	LS20EL	M6×1×10	11 700	SS20EL	M6×1×10	11 100
			LS20EM	M6×1×9(9.5) <5.3>	11 700	SS20EM	M6×1×9(9.5) <5.3>	11 100
			LS20FL	5.5×9(9.5)	11 700	SS20FL	5.5×9(9.5)	11 100
NS25CL	M6×1×9	17 700	LS25CL	M6×1×9	12 700	SS25CL	M6×1×9	12 700
NS25AL	M6×1×9	26 100	LS25AL	M6×1×9	18 800	SS25AL	M6×1×9	17 900
NS25JM	M8×1.25×10(11.5) <6.8>	17 700	LS25JL	M8×1.25×12	12 700	SS25JL	M8×1.25×12	12 700
			LS25JM	M8×1.25×10(11.5) <6.8>	12 700	SS25JM	M8×1.25×10(11.5) <6.8>	12 700
			LS25KL	7×10(11.5)	12 700	SS25KL	7×10(11.5)	12 700
NS25EM	M8×1.25×10(11.5) <6.8>	26 100	LS25EL	M8×1.25×12	18 800	SS25EL	M8×1.25×12	17 900
			LS25EM	M8×1.25×10(11.5) <6.8>	18 800	SS25EM	M8×1.25×10(11.5) <6.8>	17 900
			LS25FL	7×10(11.5)	18 800	SS25FL	7×10(11.5)	17 900
NS30CL	M8×1.25×12	24 700	LS30CL	M8×1.25×12	18 700	SS30CL	M8×1.25×12	18 700
NS30AL	M8×1.25×12	38 000	LS30AL	M8×1.25×12	28 800	SS30AL	M8×1.25×12	27 300
NS30JM	M10×1.5×12(14.5) <8.6>	24 700	LS30JL	M10×1.5×18(15)	18 700	SS30JL	M10×1.5×18(15)	18 700
			LS30JM	M10×1.5×12(14.5) <8.6>	18 700	SS30JM	M10×1.5×12(14.5) <8.6>	18 700
			LS30KL	9×12(14.5)	18 700	SS30KL	9×12(14.5)	18 700
NS30EM	M10×1.5×12(14.5) <8.6>	38 000	LS30EL	M10×1.5×18(15)	28 800	SS30EL	M10×1.5×18(15)	27 300
			LS30EM	M10×1.5×12(14.5) <8.6>	28 800	SS30EM	M10×1.5×12(14.5) <8.6>	27 300
			LS30FL	9×12(14.5)	28 800	SS30FL	9×12(14.5)	27 300
NS35CL	M8×1.25×12	34 500	LS35CL	M8×1.25×12	26 000	SS35CL	M8×1.25×12	26 000
NS35AL	M8×1.25×12	52 500	LS35AL	M8×1.25×12	40 000	SS35AL	M8×1.25×12	38 000
NS35JM	M10×1.5×13(14.5) <8.6>	34 500	LS35JL	M10×1.5×20(15)	26 000	SS35JL	M10×1.5×20(15)	26 000
			LS35JM	M10×1.5×13(14.5) <8.6>	26 000	SS35JM	M10×1.5×13(14.5) <8.6>	26 000
			LS35KL	9×13(14.5)	26 000	SS35KL	9×13(14.5)	26 000
NS35EM	M10×1.5×13(14.5) <8.6>	52 500	LS35EL	M10×1.5×20(15)	40 000	SS35EL	M10×1.5×20(15)	38 000
			LS35EM	M10×1.5×13(14.5) <8.6>	40 000	SS35EM	M10×1.5×13(14.5) <8.6>	38 000
			LS35FL	9×13(14.5)	40 000	SS35FL	9×13(14.5)	38 000

- Notes**
- 1) Parenthesized dimensions are for items made of stainless steel.
 - 2) Basic dynamic load rating is a load that allows for a 50-km rating fatigue life and is a vertical and constant load on the ball slide mounting surface.
- In VH series, the slide types in flange shape are focused.