



Please refer to website for current pricing.

Linear Bushings Housing Unit Standard / Compact

-Tall Block Single-



Linear Bushings Housing Unit Standard / Compact

-Tall Block Double-

■ Features: of Compact Type Max. 6mm taller in height (H dimension) and Max. 3mm smaller in width (W dimension) than Standard Type. ■ Standard and Compact Comparison P.280

Standard Type RoHS

Compact Type

| Type | | Linear Bushings | | | | Housing | | Ambient Operating Temp. |
|----------|---------|------------------|---------|-----------------|-------------------|---------|--|-------------------------|
| | | Standard (P.279) | | Compact (P.280) | | | | |
| Standard | Compact | Standard | Compact | Material | Surface Treatment | | | |
| LHSS | LHSSK | LMU | LMK | Aluminum Alloy | Clear Anodizing | | | -20~80°C |
| LHSSF | - | LMUF | - | | | | | -20~110°C |
| SLHSS | - | SLMU | - | | | | | -20~80°C |
| SLHSSF | - | SLMUS | - | | | | | -20~110°C |

Standard Type

Compact Type

Ⓢ For ball row details, see P.279, 280

Ⓢ Standard Type dr4 has one M1 mounting hole only. Ⓢ The datum surface is located on the other side of product ID label.

| dr | Tolerance | D | | (S) | L | L1 | L2 | h | | W | | H | | ℓ | M1 (Effective length) | | M2 (Effective length) | | C | d1xt | |
|------|-------------|----------|---------|-----|----|----|----|----------|---------|----------|---------|----------|---------|---|-----------------------|------------|-----------------------|---------|---------|------|----------------------------|
| | | Standard | Compact | | | | | Standard | Compact | Standard | Compact | Standard | Compact | | Standard | Compact | Standard | Compact | | | Standard |
| 4 | 0 -0.008 | 8 | - | 1.1 | 15 | - | 10 | 10 | - | 12 | - | 16 | - | 3 | - | M3 (6) | M3 (10.5) | - | - | - | 4.2x1.5 (For M2 screws) |
| 5 | - | 10 | - | 4.0 | 25 | 16 | 7 | 13 | - | 15 | - | 20 | - | - | - | M4 (8) | M4 (10) | - | - | - | 6x5 (For M3 screws) |
| (6) | - | 12 | 10 | 3.0 | 27 | 18 | 9 | 14 | 13 | 16 | 14 | 22 | 20 | 5 | 4 | M4 (11) | M4 (9) | M4 (9) | 4 | - | |
| (8) | - | 15 | 13 | - | 32 | 20 | 10 | 16 | 15 | 20 | 17 | 26 | 24 | - | 5 | M5 (8.5) | M5 (15) | M4 (12) | 5 | - | |
| (10) | 0 -0.009 | 19 | 17 | 4.0 | 39 | - | 15 | 19 | 18 | 26 | 23 | 32 | 30 | 6 | 6 | M6 (9.5) | M6 (9.5) | M5 (20) | M5 (17) | 6 | 8x6 (For M4 Screws) |
| (12) | - | 21 | 19 | - | 40 | - | 15 | 20 | 19 | 28 | 25 | 34 | 32 | - | - | M5 (22) | M5 (19) | M5 (22) | M5 (19) | - | - |
| 13 | - | 23 | - | - | 42 | 28 | 16 | 25 | - | 30 | - | 43 | - | 7 | - | M6 (13) | M6 (23) | - | - | - | 9x7 (For M5 Bolt) |
| (16) | - | 28 | 26 | 3.8 | 47 | 32 | 18 | 27 | 26 | 36 | 33 | 49 | 43 | - | 7 | M6 (13) | M6 (29) | M6 (26) | 8 | - | |
| 20 | - | 32 | - | - | 52 | 36 | - | 31 | - | 42 | - | 54 | - | 8 | - | M8 (15) | M8 (34) | - | - | - | 11x8 (For M6 screws) |
| 25 | 0 -0.010 | 40 | - | 3.2 | 69 | 42 | 22 | 37 | - | 52 | - | 65 | - | 9 | - | M10 (17) | M10 (42) | - | - | - | 14x10 (For M8 Screws) |
| 30 | - | 45 | - | - | 74 | 44 | - | 40 | - | 58 | - | 71 | - | - | - | M10 (17.5) | M10 (48) | - | - | - | - |

Ⓢ For linear bushings, hardened shafts with g6 tolerance are recommended. P.107-195 Ⓢ Only dr dimensions in () are available for Compact Type. Ⓢ Make certain that the screws do not interfere with the bushing as M1 are through holes.

Price

| Quantity | Discount Price | |
|---------------|----------------|--------------|
| | 1~9 | 10~20 |
| Discount Rate | 5% | 10% |
| Days to Ship | Standard | To be quoted |

Ⓢ For large quantity orders "Days to Ship" may differ from published catalog term. P.87

| Part Number | dr | Unit Price | | | | | Basic Load Rating | | | | Mass(g) | |
|--|-------|------------|-------|-------|--------|-------|-------------------|---------|---------------|---------|----------|---------|
| | | | | | | | C (Dynamic) N | | Co (Static) N | | | |
| | | Standard | LHSSF | SLHSS | SLHSSF | LHSSK | Standard | Compact | Standard | Compact | Standard | Compact |
| (Standard) LHSS LHSSF SLHSS SLHSSF | 4 | 11.50 | - | - | - | - | 88 | - | 127 | - | 8 | - |
| | 5 | 10.20 | 11.50 | 16.40 | 19.50 | - | 167 | - | 206 | - | 18 | - |
| | 6 | 10.20 | 12.80 | 17.70 | 21.00 | 15.30 | 206 | 131 | 265 | 155 | 22 | 17 |
| | 8 | 10.60 | 13.00 | 18.00 | 21.40 | 15.90 | 265 | 235 | 380 | 277 | 40 | 32 |
| | 10 | 10.80 | 13.40 | 18.50 | 21.90 | 17.40 | 372 | 368 | 549 | 433 | 80 | 67 |
| | 12 | 11.50 | 14.00 | 19.40 | 23.00 | 18.10 | 412 | 381 | 598 | 449 | 90 | 80 |
| | 13 | 15.50 | 18.10 | 23.90 | 28.30 | - | 510 | - | 608 | - | 132 | - |
| | 16 | 17.70 | 20.60 | 27.20 | 32.30 | 26.40 | 775 | 608 | 1180 | 716 | 204 | 155 |
| | 20 | 20.90 | 24.30 | 33.40 | 39.60 | - | 882 | - | 1370 | - | 272 | - |
| | 25 | 25.40 | 30.30 | 42.80 | 50.80 | - | 980 | - | 1570 | - | 574 | - |
| 30 | 30.10 | 36.30 | 53.00 | 62.80 | - | 1570 | - | 2740 | - | 710 | - | |

kgf=Nx0.101972

Order Example

Part Number: LHSS12 (L Type Greased) Alternative grease types available. For Days to Ship, Price and Performance, refer to P.272

Days to Ship: 1 Day P.87

All Others () Section) 3 Days P.87

■ Features: of Compact Type Max. 6mm taller in height (H dimension) and Max. 3mm smaller in width (W dimension) than Standard Type. ■ Standard and Compact Comparison P.280

Standard Type RoHS

Compact Type

| Type | | Linear Bushings | | | | Housing | | Ambient Operating Temp. |
|----------|---------|------------------|---------|-----------------|-------------------|---------|--|-------------------------|
| | | Standard (P.279) | | Compact (P.280) | | | | |
| Standard | Compact | Standard | Compact | Material | Surface Treatment | | | |
| LHSSW | LHSSKW | LMU | LMK | Aluminum Alloy | Clear Anodizing | | | -20~80°C |
| LHSSWF | - | LMUF | - | | | | | -20~110°C |
| SLHSSW | - | SLMU | - | | | | | -20~80°C |
| SLHSSWF | - | SLMUS | - | | | | | -20~110°C |

Standard Type

Compact Type

Ⓢ For ball row details, see P.279, 280

Ⓢ The datum surface is located on the other side of product ID label. Ⓢ Allowable Static Moments: See P.279, P.280

| dr | Tolerance | D | | (S) | L | L1 | L2 | h | | W | | H | | ℓ | M1 (Effective length) | | M2 (Effective length) | | C | d1xt | |
|------|-------------|----------|---------|-----|-----|----|-----|----------|---------|----------|---------|----------|---------|---|-----------------------|------------|-----------------------|---------|---------|----------------------------|--------------------------|
| | | Standard | Compact | | | | | Standard | Compact | Standard | Compact | Standard | Compact | | Standard | Compact | Standard | Compact | | | Standard |
| 4 | 0 -0.008 | 8 | - | 1.1 | 27 | 14 | 22 | 10 | - | 12 | - | 16 | - | 3 | - | M3 (6) | M3 (10.5) | - | - | 4.2x1.5 (For M2 screws) | |
| 5 | - | 10 | - | 4.0 | 40 | 18 | 28 | 13 | - | 15 | - | 20 | - | - | - | M4 (8) | M4 (10) | - | - | 6x5 (For M3 screws) | |
| (6) | - | 12 | 10 | 3.0 | 46 | 20 | 30 | 14 | 13 | 16 | 14 | 22 | 20 | 5 | 4 | M4 (11) | M4 (9) | M4 (9) | 4 | | - |
| (8) | - | 15 | 13 | - | 56 | 30 | 42 | 16 | 15 | 20 | 17 | 26 | 24 | - | 5 | M5 (8.5) | M5 (15) | M4 (12) | 5 | - | |
| (10) | 0 -0.010 | 19 | 17 | 4.0 | 68 | - | 50 | 19 | 18 | 26 | 23 | 32 | 30 | 6 | 6 | M6 (9.5) | M6 (9.5) | M5 (20) | M5 (17) | 6 | 8x6 (For M4 Screws) |
| (12) | - | 21 | 19 | - | 70 | 36 | 50 | 20 | 19 | 28 | 25 | 34 | 32 | - | - | M5 (22) | M5 (19) | M5 (22) | M5 (19) | - | - |
| 13 | - | 23 | - | - | 74 | 42 | 55 | 25 | - | 30 | - | 43 | - | 7 | - | M6 (13) | M6 (23) | - | - | - | 9x7 (For M5 Bolt) |
| (16) | - | 28 | 26 | 3.8 | 84 | 52 | 65 | 27 | 26 | 36 | 33 | 49 | 43 | - | 7 | M6 (13) | M6 (29) | M6 (26) | 8 | - | |
| 20 | - | 32 | - | - | 94 | 58 | 70 | 31 | - | 42 | - | 54 | - | 8 | - | M8 (15) | M8 (34) | - | - | - | 11x8 (For M6 screws) |
| 25 | 0 -0.012 | 40 | - | 3.2 | 128 | 80 | 100 | 37 | - | 52 | - | 65 | - | 9 | - | M10 (17) | M10 (42) | - | - | - | 14x10 (For M8 Screws) |
| 30 | - | 45 | - | - | 138 | 90 | 110 | 40 | - | 58 | - | 71 | - | - | - | M10 (17.5) | M10 (48) | - | - | - | - |

Ⓢ For linear bushings, hardened shafts with g6 tolerance are recommended. P.107-195 Ⓢ Only dr dimensions in () are available for Compact Type. Ⓢ Make certain that the screws do not interfere with the bushing as M1 are through holes.

Price

| Quantity | Discount Price | |
|---------------|----------------|--------------|
| | 1~9 | 10~20 |
| Discount Rate | 5% | 10% |
| Days to Ship | Standard | To be quoted |

Ⓢ For large quantity orders "Days to Ship" may differ from published catalog term. P.87

| Part Number | dr | Unit Price | | | | | Basic Load Rating | | | | Mass(g) | |
|--|-------|------------|--------|--------|---------|--------|-------------------|---------|---------------|---------|----------|---------|
| | | | | | | | C (Dynamic) N | | Co (Static) N | | | |
| | | Standard | LHSSWF | SLHSSW | SLHSSWF | LHSSKW | Standard | Compact | Standard | Compact | Standard | Compact |
| (Standard) LHSSW LHSSWF SLHSSW SLHSSWF | 4 | 18.60 | - | - | - | - | 176 | - | 254 | - | 14 | - |
| | 5 | 17.10 | 18.30 | 23.10 | 27.40 | - | 263 | - | 412 | - | 35 | - |
| | 6 | 17.10 | 19.70 | 24.50 | 28.90 | 23.10 | 324 | 206 | 529 | 309 | 40 | 34 |
| | 8 | 17.30 | 19.80 | 24.60 | 29.20 | 23.40 | 431 | 383 | 784 | 555 | 75 | 60 |
| | 10 | 17.60 | 20.10 | 25.20 | 29.70 | 25.20 | 588 | 585 | 1100 | 867 | 150 | 126 |
| | 12 | 18.60 | 21.20 | 26.40 | 31.30 | 26.50 | 657 | 608 | 1200 | 899 | 168 | 150 |
| | 13 | 23.90 | 26.50 | 32.20 | 38.10 | - | 813 | - | 1570 | - | 248 | - |
| | 16 | 26.90 | 29.70 | 36.30 | 43.00 | 38.30 | 1230 | 965 | 2350 | 1431 | 383 | 296 |
| | 20 | 32.60 | 36.00 | 44.90 | 53.10 | - | 1400 | - | 2740 | - | 520 | - |
| | 25 | 40.30 | 45.10 | 57.50 | 68.10 | - | 1560 | - | 3140 | - | 1120 | - |
| 30 | 52.10 | 58.20 | 74.60 | 88.30 | - | 2490 | - | 5490 | - | 1384 | - | |

kgf=Nx0.101972

Order Example

Part Number: LHSSW12 (L Type Greased) Alternative grease types available. For Days to Ship, Price and Performance, refer to P.272

Days to Ship: 3 Days P.87