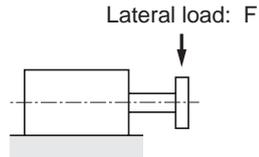


# STR2-B Series

Technical ① data: Allowable lateral load and torque

- SCPD3
- SCM
- SSD2
- MDC2
- SMG
- LCM
- LCR
- LCG
- LCX
- STM
- STG
- STR2
- MRL2
- GRC
- Cylinder switch
- MN3E  
MN4E
- 4GA/B
- M4GA/B
- MN4GA/B
- F.R (module unit)
- Clean F.R
- Precision R
- Press gauge  
Diff. press gauge
- Electro-pneumatic R
- Speed controller
- Auxiliary valve
- Fitting/tube
- Clean air unit
- Pressure sensor
- Flow rate sensor
- Valve for air blow
- Ending

## Allowable lateral load

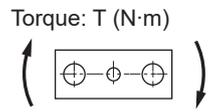


● Ball bearing

Type	Stroke length (mm)										
	10	20	30	40	50	60	70	80	90	100	
STR2-B-6	2.6	1.9	1.5	1.2	1.0	-	-	-	-	-	
STR2-B-10	6.0	4.4	3.6	3.0	2.6	-	-	-	-	-	
STR2-B-16	11.4	8.5	7.0	5.9	5.1	4.5	4.0	3.7	3.3	3.0	
STR2-B-20	12.7	9.6	7.9	6.8	5.9	5.3	4.7	4.3	3.9	3.6	
STR2-B-25	14.7	11.1	9.2	7.9	6.9	6.1	5.5	5.0	4.6	4.2	
STR2-B-32	24.3	18.5	15.4	13.3	11.7	10.5	9.5	8.7	8.0	7.4	

(N)

## Allowable torque

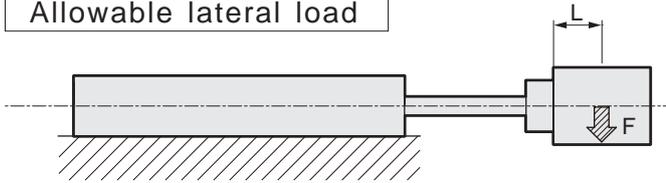


● Ball bearing

Type	Stroke length (mm)										
	10	20	30	40	50	60	70	80	90	100	
STR2-B-6	0.009	0.006	0.005	0.004	0.003	-	-	-	-	-	
STR2-B-10	0.030	0.022	0.018	0.015	0.013	-	-	-	-	-	
STR2-B-16	0.071	0.053	0.043	0.036	0.031	0.028	0.025	0.023	0.020	0.018	
STR2-B-20	0.088	0.067	0.055	0.047	0.041	0.037	0.032	0.030	0.027	0.025	
STR2-B-25	0.125	0.094	0.078	0.067	0.058	0.051	0.046	0.042	0.039	0.035	
STR2-B-32	0.267	0.203	0.169	0.146	0.128	0.115	0.104	0.095	0.088	0.081	

(N·m)

### Allowable lateral load

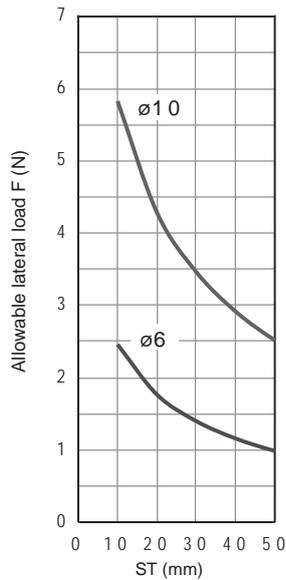


F: Lateral load (N)  
L: Position of center of gravity of load (mm)

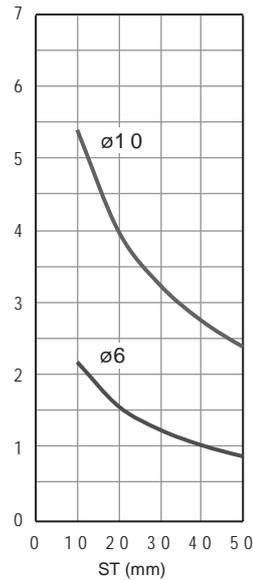
### Basic Ball bearing

#### STR2-B-6/10-P7\*

● In the case of L=5

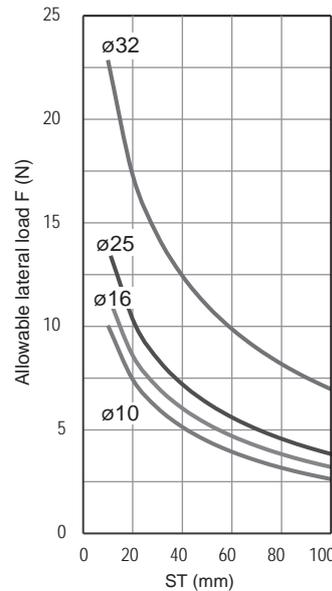


● In the case of L=15

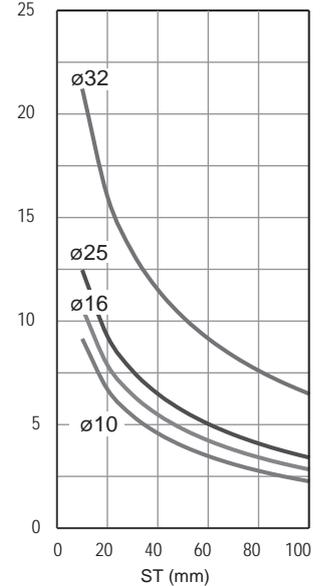


#### STR2-B-16/20/25/32-P7\*

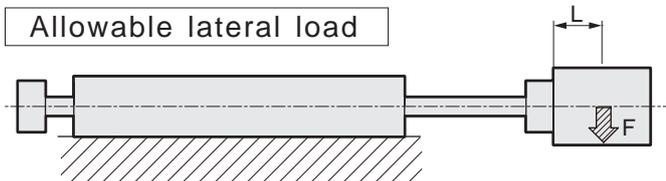
● In the case of L=15



● In the case of L=30



### Allowable lateral load

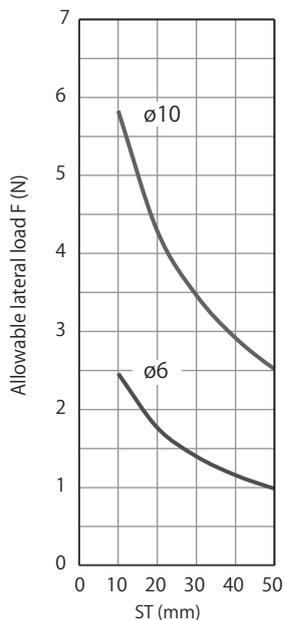


F: Lateral load (N)  
L: Position of center of gravity of load (mm)

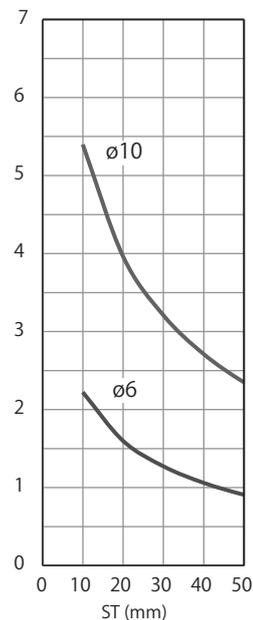
### Double rod Ball bearing

#### STR2-B-6/10-P7\*

● In the case of L=5

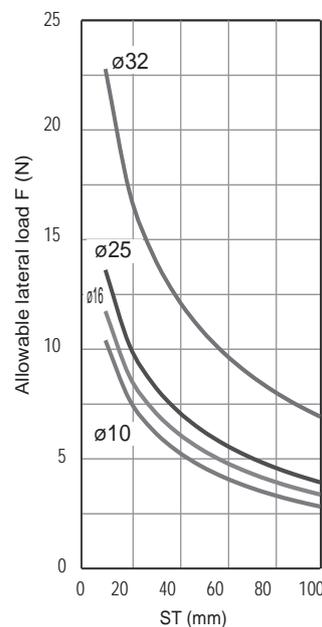


● In the case of L=15

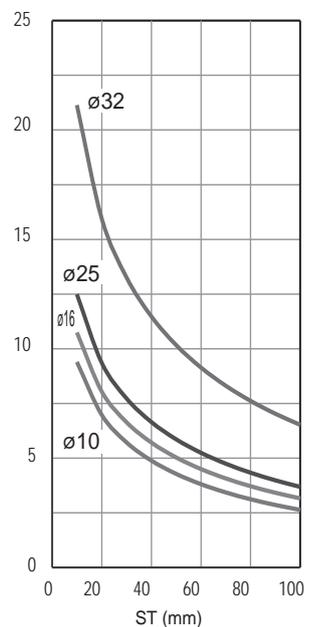


#### STR2-B-16/20/25/32-P7\*

● In the case of L=15



● In the case of L=30



SCPD3

SCM

SSD2

MDC2

SMG

LCM

LCR

LCG

LCX

STM

STG

**STR2**

MRL2

GRC

Cylinder Switch

MN3E

MN4E

4GA/B

M4GA/B

MN4GA/B

F.R. (module unit)

Clean F.R

Precision R

Press gauge

Diff. press gauge

Electro-pneumatic R

Speed controller

Auxiliary valve

Fitting/tube

Clean air unit

Pressure sensor

Flow rate sensor

Valve for air blow

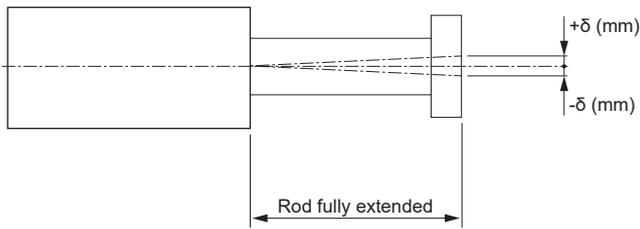
Ending

# STR2-BF Series

## Technical data ② Deflection

### Deflection

For the inclination that is produced at the end of the end plate when no load is applied, the value in the graph below is used (Reference value) as a guide. (excluding the deflection of the piston rod)



### STR2-B

