

1.7. Permissible Tilt Angle

The permissible tilt angle of the Spherical Bearing varies according to the shaft shape as indicated in table 6.

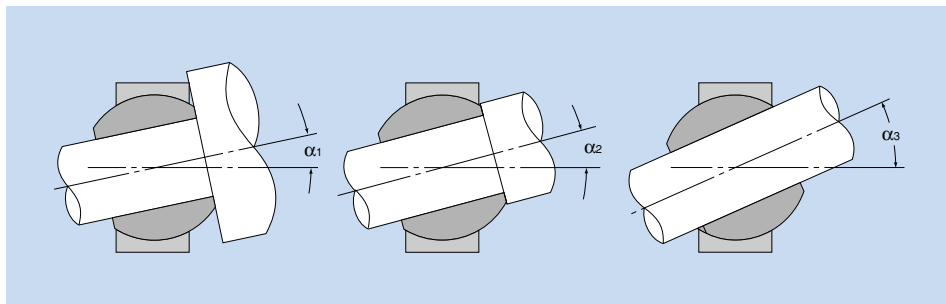


Table 6 Permissible Tilt Angle

Unit: degree

Unit: degree

Model No.	Permissible tilt angle		
	α_1	α_2	α_3
SB 12	5	7	18
SB 15	4	6	18
SB 20	3	4	14
SB 22	4	6	16
SB 25	4	5	16
SB 30	4	6	17
SB 35	4	5	14
SB 40	4	6	12
SB 45	4	5	13
SB 50	4	5	16
SB 55	4	6	16
SB 60	4	6	18
SB 65	4	5	16
SB 70	4	5	15
SB 75	4	5	18
SB 80	4	5	18
SB 85	4	6	16
SB 90	4	5	16
SB 95	4	5	17
SB 100	4	5	18
SB 110	4	5	16
SB 115	4	5	14
SB 120	4	6	15
SB 130	4	5	14
SB 150	4	5	12

Model No.	Permissible tilt angle		
	α_1	α_2 (note)	α_3
SA1 12	8	11(6)	25
SA1 15	6	8(5)	18
SA1 17	7	10(7)	23
SA1 20	6	9(6)	21
SA1 25	6	7(4)	18
SA1 30	4	6(4)	16
SA1 35	5	6(4)	16
SA1 40	5	7(4)	16
SA1 45	6	7(4)	16
SA1 50	5	6(4)	15
SA1 60	5	6(3)	14
SA1 70	5	6(4)	14
SA1 80	4	6(4)	14
SA1 90	4	5(3)	12
SA1 100	5	7(5)	14
SA1 110	5	6(4)	15
SA1 120	4	6(4)	15
SA1 140	5	7(5)	16
SA1 160	6	8(6)	13
SA1 180	5	6(5)	16
SA1 200	6	7(6)	13
SA1 220	6	8(6)	15
SA1 240	6	8(6)	17

Note: The values in the parentheses apply to types attached with a seal.