

1

2

3

4

5

6

7

8

A

B

C

D

E

F

A

B

C

D

E

F

A-
direction
→

φ9

7

127

25

1

86

15

20

30

36

9

32

5/8" Steel ball
(φ15.875)

4

28

32

18

Rc1/4

View A

φ24

36

Rising
(stroke 4mm)

(Scale 1:1)

34^{+0.5}₀

2-C1
or above

2-R1
or below

34±0.1

Recommended groove dimensions

spec

Series		AFU-3232series
Freebear		2pcs
Material	Ball	SUJ2
	Ball seat	SCM415
	Body	Steel
Weight		0.7kg

Capacity	Air pressure [MPa(kgf/cm ²)]	Load capacity (Unit) [kN(kgf)]	Load capacity (One freebear) [kN(kgf)]
	0.3 (3.1)	0.24(24.4)	0.12(12.2)
	0.4 (4.1)	0.32(32.6)	0.16(16.3)
	0.5 (5.1)	0.40(40.8)	0.20(20.4)
	0.6 (6.1)	0.48(49.0)	0.24(24.5)

1

2

3

6

7

8