

Technical Drawing of AFU-3843D-10

Dimensions (mm):

- Overall length: 514
- Overall width: 514
- Overall height: 540
- Distance between mounting holes: 50
- Distance between ball seats: 9 × P50 = 450
- Distance from mounting hole to ball seat: 40
- Distance from mounting hole to ball seat (bottom): 18
- Distance from mounting hole to ball seat (top): 25
- Distance from mounting hole to ball seat (side): 11
- Distance from mounting hole to ball seat (bottom): 12
- Distance from mounting hole to ball seat (top): 22
- Distance from mounting hole to ball seat (side): 9
- Distance from mounting hole to ball seat (bottom): 10.4
- Distance from mounting hole to ball seat (top): 8.4
- Distance from mounting hole to ball seat (side): 14
- Distance from mounting hole to ball seat (bottom): 7
- Distance from mounting hole to ball seat (top): 38
- Distance from mounting hole to ball seat (side): 24
- Distance from mounting hole to ball seat (bottom): 18
- Distance from mounting hole to ball seat (top): 20
- Distance from mounting hole to ball seat (side): 43
- Distance from mounting hole to ball seat (bottom): 38
- Distance from mounting hole to ball seat (top): 46
- Distance from mounting hole to ball seat (side): 19.05

Material: 2-Cap bolt M6 × 35 + SW

Material: 2-Cap bolt M6 × 45 + SW

Material: 3/4" Steel ball (φ19.05)

Material: Rc1/4

Material: Rising (stroke 3mm)

Material: View A

Material: (Scale 1:1)

spec

Series		AFU-3843D series	
Freebear		10 pcs	
Material	Ball	SUJ2	
	Ball seat	SCM415	
	Body	Steel	
Weight		6kg	

Capacity	Air pressure [MPa(kgf/cm ²)]	Load capacity (Unit) [kN(kgf)]	Load capacity (One freebear) [kN(kgf)]
	0.3 (3.1)	1.95(198.9)	0.20(19.9)
	0.4 (4.1)	2.40(244.7)	0.24(24.5)
	0.5 (5.1)	3.10(316.1)	0.31(31.6)
	0.6 (6.1)	3.90(397.7)	0.39(39.8)

設計 DESIGNED BY 古内 2021/07/26 **名称 TITLE** Pneumatically Actuated freebear unit

製図 DRAWN BY 古内 2021/07/26 **AFU-3843D-10**

検図 CHECKED BY 坂根 **承認 APPROVED BY** 花村

尺度 SCALE 1:2 **サイズ SIZE** A3

第三角法

面番号 DRAWING NO. SAU06523-F02 **変更回数 REV.MARK**

FREEBEAR