



View A  
Rising (stroke 4mm)  
Recommended groove dimensions  
(Scale 1:1)

spec

|          |                  |        |
|----------|------------------|--------|
| Series   | AFU-5050W series |        |
| Freebear | 6pcs             |        |
| Material | Ball             | SUJ2   |
|          | Ball seat        | SCM415 |
|          | Body             | Steel  |
| Weight   | 5.9kg            |        |

| Capacity | Air pressure [ MPa(kgf/cm <sup>2</sup> ) ] | Load capacity (Unit) [ kN(kgf) ] | Load capacity (One freebear) [ kN(kgf) ] |
|----------|--|----------------------------------|--|
|          | 0.3 (3.1)                                  | 4.59(468.1)                      | 0.77(78.0)                               |
|          | 0.4 (4.1)                                  | 6.12(624.1)                      | 1.02(104.0)                              |
|          | 0.5 (5.1)                                  | 7.68(783.1)                      | 1.28(130.5)                              |
|          | 0.6 (6.1)                                  | 9.18(936.1)                      | 1.53(156.0)                              |

|                |           |                |   |
|----------------|-----------|----------------|---|
| 設計 DESIGNED BY | 古内        | 2021/07/28     | 名称 TITLE<br>Pneumatically Actuated freebear unit  |
| 製図 DRAWN BY    | 古内        | 2021/07/28     |   |
| 検図 CHECKED BY  | 技術部<br>坂根 | 承認 APPROVED BY | 技術部<br>花村   |
| 尺度 SCALE       | 1:3       | サイズ SIZE       | A3  |
| 第三角法           |           |                | AFU-5050W-6                                       |
|                |           |                | 図面番号 DRAWING NO. SAU08532-F05<br>変更回数 REV.MARK 回数 |