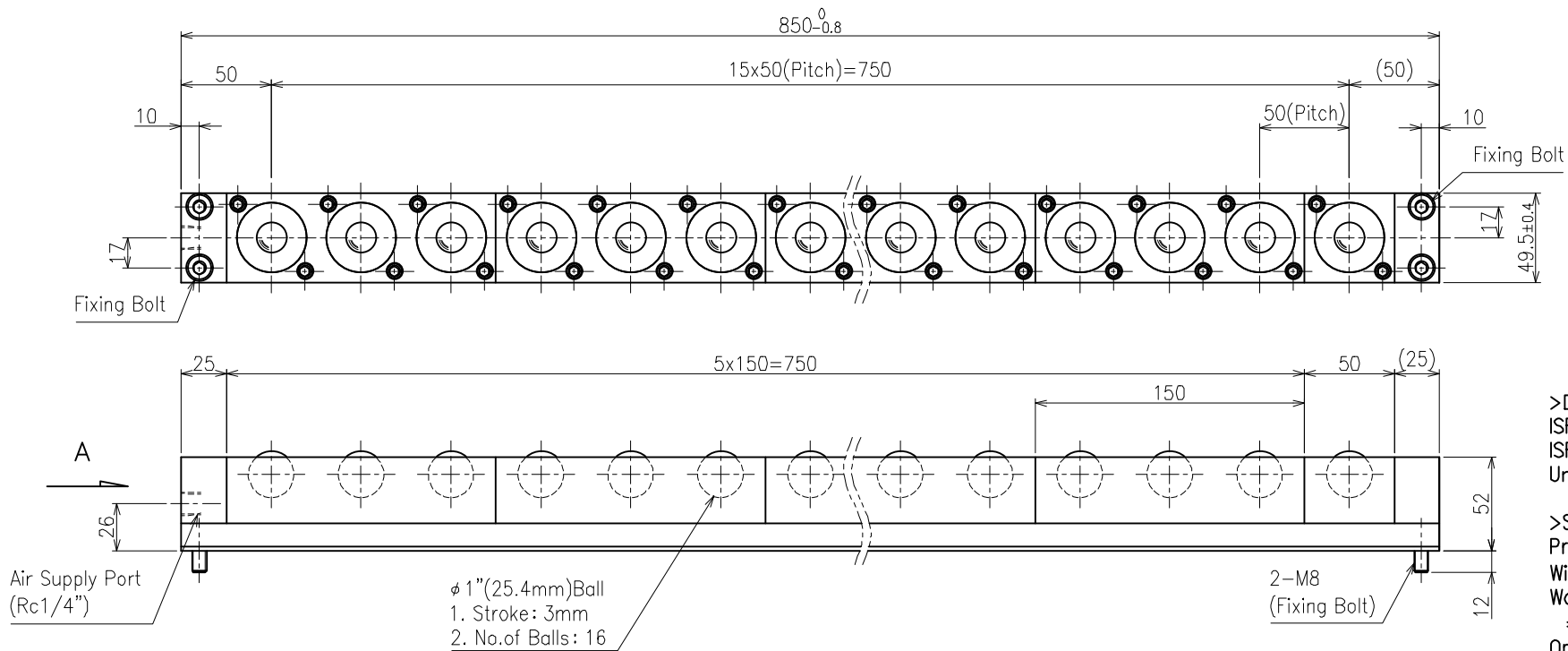




>Description  
 ISR-C50D Type Air Ball Lifter  
 ISR-C50D-850-A Type  
 Unit = mm

>Specification  
 Product weight = 6.8kg  
 Withstand pressure = 0.9MPa (9.18kgf/cm<sup>2</sup>)  
 Working pressure range  
 = 0.05~0.6MPa (0.51~6.12kgf/cm<sup>2</sup>)  
 Operating temperture range  
 = -5~80°C (without freezig air line)  
 Using fluid = Air and inert gas (no filling up)

>Material  
 Ball = SUS44C  
 Plate = SUS440C  
 Cap = SUS304  
 O-ring = Viton  
 Grease = Clean Grease  
 Body = A6063-T5  
 +Electroless Nickel plating  
 Plug = A6063-T5  
 +Electroless Nickel plating  
 Bar = SGD400-D  
 +Electroless Nickel plating

| Load capacity              |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| No. of balls               | 16                         |                            |                            |
| Supplied air pressure      | 0.4MPa                     | 0.5MPa                     | 0.6MPa                     |
|                            | {4.08kgf/cm <sup>2</sup> } | {5.10kgf/cm <sup>2</sup> } | {6.12kgf/cm <sup>2</sup> } |
| Load capacity on each ball | 0.98kN                     | 1.24kN                     | 1.51kN                     |
|                            | {100kgf}                   | {127kgf}                   | {154kgf}                   |
| Load capacity on each unit | 15.70kN                    | 19.90kN                    | 24.10kN                    |
|                            | {1600kgf}                  | {2032kgf}                  | {2464kgf}                  |