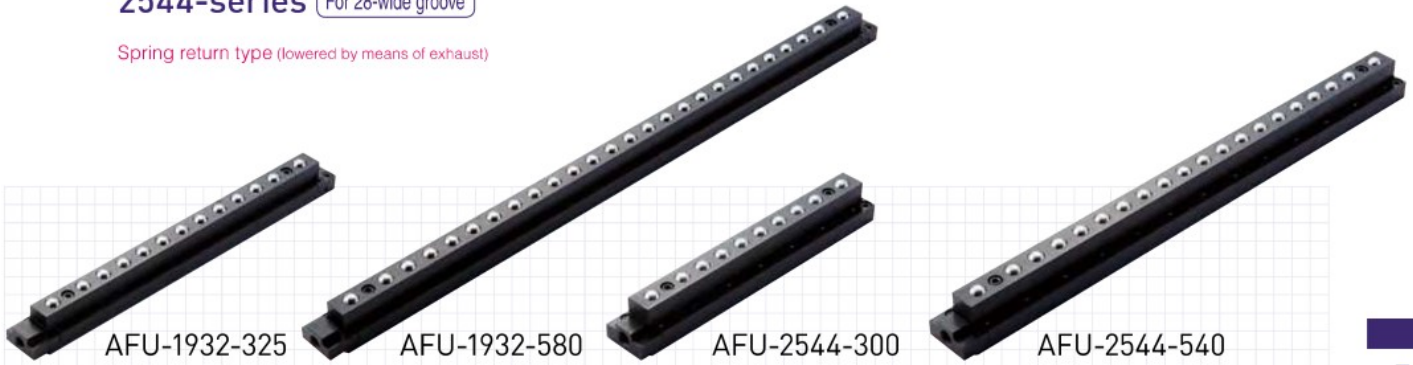## 1932-series (For 22-wide groove)
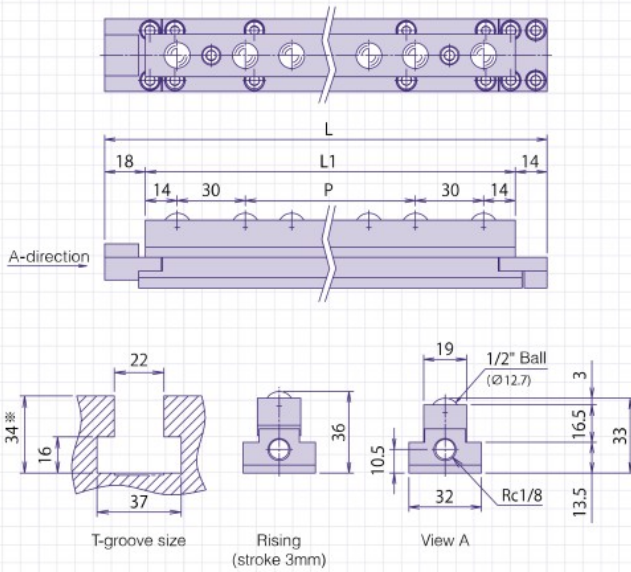## 2544-series (For 28-wide groove)

RoHS CAD 3D

Sizes other than shown below are also available.
Please specify the details in the inquiry sheet of P30.

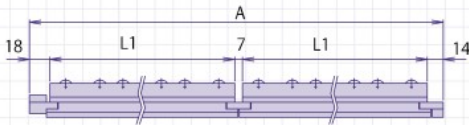**Spring return type** (lowered by means of exhaust)

AFU-1932-325 AFU-1932-580 AFU-2544-300 AFU-2544-540

■ AFU-1932 (For 22-wide groove)

L
18   L1   14
14   30   P   30   14

A-direction

22
34※
16
37

T-groove size

36
10.5

Rising
(stroke 3mm)

19   1/2" Ball (Ø12.7)   3
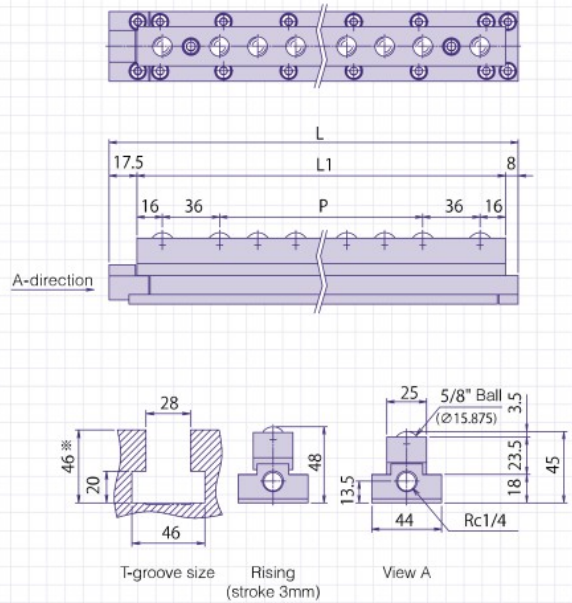16.5   33
32   Rc1/8   13.5

View A

※If the T-groove is deeper than 34mm, you need to adjust the height
by installing a spacer underneath the AFU. In such case, make sure
that the ball extrudes 2mm from the upper surface of the bolster when
the AFU rises.
We can provide various types of spacers.

Calculation formula of full length A＝25＋(Sum of L1)＋(7×Number of connections)
※The same series can be connected with each other.

A
18   L1   7   L1   14

■ AFU-2544 (For 28-wide groove)

L
17.5   L1   8
16   36   P   36   16

A-direction

28
46※
20
46

T-groove size

48

Rising
(stroke 3mm)

25   5/8" Ball (Ø15.875)   3.5
18   23.5   45
13.5
44   Rc1/4

View A

※If the T-groove is deeper than 46mm, you need to adjust the height
by installing a spacer underneath the AFU. In such case, make sure
that the ball extrudes 2mm from the upper surface of the bolster when
the AFU rises.
We can provide various types of spacers.

Calculation formula of full length A＝24.5＋(Sum of L1)＋(Number of connections)
※The same series can be connected with each other.

A
17.5   L1   1   L1   8
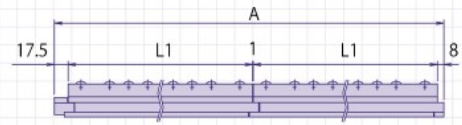
(Unit：mm)

Model	Body size (mm)			Weight (kg)	Relation of air pressure and load capacity kN (kgf)			
					One piece of AFU			
	L	L1	P		Operating air pressure MPa (kgf/cm²)			
					0.30 (3.1)	0.40 (4.1)	0.50 (5.1)	0.60 (6.1)
AFU-1932-325	325	293	10×P20.5＝205	1.5	0.98 (100.0)	1.18 (120.3)	1.57 (160.1)	1.96 (199.9)
AFU-1932-580	580	548	23×P20＝460	2.6	1.96 (199.9)	2.36 (240.7)	3.14 (320.2)	3.92 (399.7)
AFU-1932-680	680	648	28×P20＝560	3.1	2.21 (224.9)	2.65 (270.2)	3.53 (360.0)	4.41 (449.7)
AFU-2544-300	297.5	272	7×P24＝168	2.6	1.23 (124.9)	1.47 (149.9)	1.96 (199.9)	2.45 (249.8)
AFU-2544-540	537.5	512	17×P24＝408	4.8	2.46 (250.1)	2.94 (299.8)	3.92 (399.8)	4.91 (500.1)
AFU-2544-680	681.5	656	23×P24＝552	6	3.07 (312.6)	3.68 (375.3)	4.90 (499.7)	6.13 (625.1)