



**4 Type**  
**B** With mounting holes

**Specification**

- Threaded stud, adjustable sleeve, base  
Stainless steel AISI 304  
Turned
- Seals  
Blue, FDA compliant
  - Sealing ring  
NBR, hardness 70 ±5 shore A
  - Wiper  
TPU, hardness 95 ±5 shore A
  - Joint sealing ring  
H-NBR, hardness 85 ±5 shore A
  - Bottom seal  
Silicone, hardness 85 ±5 shore A
- [3-A and EHEDG Principles](#) → page 1508
- [Elastomer Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

**Accessory**

- Protective end caps GN 20.1 → page 1510
- Hex head screws GN 1580 → page 1114
- Hex head screws GN 1581 → page QVX

**Information**

GN 20 leveling feet with mounting holes are certified according EHEDG guidelines, 3-A Sanitary Standards, Inc. guidelines and DGUV Test and are intended for use in hygienic areas.

The bottom seal protects the area beneath the base from dirt. For this, the foot must be screwed down using the mounting holes and compressed accordingly. Hygienic fasteners such as GN 1580 screws and nuts, and the correct position of the mounting bores in the mating surface are essential for a properly sealed foot to surface installation. The sealing ring above the adjustment sleeve enables mounting without dead space. Due to the wiper or the ball sealing, the movable components are sealed against the environment.

The high surface quality prevents dirt from adhering and facilitates cleaning.

The values for static load capacity listed in the table refer to a purely vertical load to the leveling foot. Under normal operating conditions, bending loads or angular loads are not uncommon and result in a reduction of load capacity, which must be taken into consideration.

see also...

- [Product Family Hygienic Design](#) → page 16

How to order	
1	Foot diameter $d_1$
2	Thread $d_2$
3	Length $l_1$
4	Type

**GN 20-120-M16-175-B**

**Metric table**

Dimensions in: millimeters - inches

<sup>1</sup> d <sub>1</sub>	<sup>2</sup> d <sub>2</sub> Thread	<sup>3</sup> l <sub>1</sub>		d <sub>3</sub>	d <sub>4</sub>	l <sub>2</sub>	l <sub>3</sub>	k	A/F <sub>1</sub>	A/F <sub>2</sub>	Static load (See information)
80 3.15	M 12	175 6.89	225 8.86	25 0.98	9.5 0.37	14 0.55	35 1.38	55.5 2.19	17 0.67	19 0.75	16 kN 3597 lbf
80 3.15	M 16	175 6.89	225 8.86	28 1.10	9.5 0.37	19 0.75	35 1.38	55.5 2.19	18 0.71	22 0.87	30 kN 6744 lbf
80 3.15	M 20	185 7.28	235 9.25	32 1.26	9.5 0.37	24 0.94	35 1.38	55.5 2.19	24 0.94	27 1.06	47 kN 10566 lbf
80 3.15	M 24	185 7.28	235 9.25	36 1.42	9.5 0.37	29 1.14	35 1.38	55.5 2.19	24 0.94	30 1.18	67 kN 15062 lbf
100 3.94	M 16	175 6.89	225 8.86	28 1.10	12 0.47	19 0.75	35 1.38	69 2.72	18 0.71	22 0.87	30 kN 6744 lbf
100 3.94	M 20	185 7.28	235 9.25	32 1.26	12 0.47	24 0.94	35 1.38	69 2.72	24 0.94	27 1.06	47 kN 10566 lbf
100 3.94	M 24	185 7.28	235 9.25	36 1.42	12 0.47	29 1.14	35 1.38	69 2.72	24 0.94	30 1.18	67 kN 15062 lbf
120 4.72	M 16	175 6.89	225 8.86	28 1.10	12 0.47	19 0.75	35 1.38	89 3.50	18 0.71	22 0.87	30 kN 6744 lbf
120 4.72	M 20	185 7.28	235 9.25	32 1.26	12 0.47	24 0.94	35 1.38	89 3.50	24 0.94	27 1.06	47 kN 10566 lbf
120 4.72	M 24	185 7.28	235 9.25	36 1.42	12 0.47	29 1.14	35 1.38	89 3.50	24 0.94	30 1.18	67 kN 15062 lbf

Mounting example

