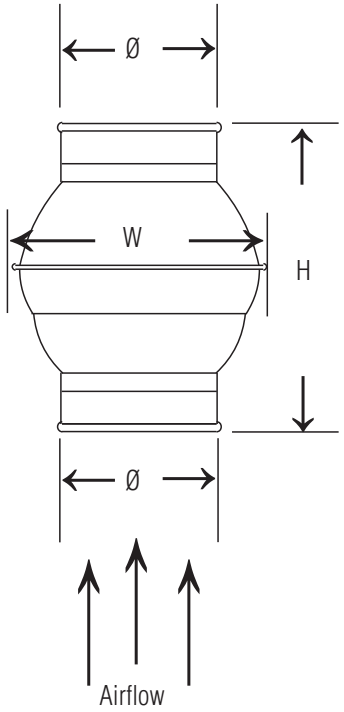
TECHNICAL DATA SHEET: FB BALL JOINT

Ø mm	Flat Edge (nom. mm)	Angle from centerline	Height mm	Width mm	Aluminium Steel Thickness mm	Weight kg
100	6	29.7°	297	220	1.2	1.0
125	6	24.5°	297	220	1.2	1.11
150	6	30.1°	336	260	1.2	1.48
160	6	30.1°	336	260	1.2	1.48
200	6	26.5°	407	368	1.2	3.55
250	6	21.1°	367	368	1.2	3.74
300	6	24°	462	445	1.2	5.76



Ends: 6 mm turned out edge (FB)

FB Ball Joint Test Information

Nordfab has tested the Ø200 mm and Ø250 mm Ball Joints in a controlled environment, positioned vertically with the larger part of the Ball Joint on top and the smaller part below.

A Ø250 mm Ball Joint can withstand system airspeeds of over 25 m/s before there is any risk that the smaller section may be drawn up into the larger section. If this occurs, the Ball Joint will continue to function, but with slightly reduced movement, until the system speed is lowered and the Ball Joint returns to its original position.

The Ø200 mm Ball Joint can support a maximum load of up to 500 kg.

Nordfab recommends regular inspection and cleaning of the Ball Joint. The timing of this maintenance is at the customer's discretion; however, Nordfab suggests performing inspections every three to six months.

Additional Notes

To have movable connection between duct and PU-Hose. The ball joint can rotate 360˚, with an average angle from centreline of 26˚.

Recommended max. service temperature is +80°C.

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
FB Ball Joint	Alu Steel (DX54D+AS)	EN10346:2015 B01/B02
FB Nipple	Galvanised	DX51D with Z275 Coating

Temperature Rating of Product Components

	FB Ball Joint
+80°C	Alu Steel (DX54D+AS)
-20°C	