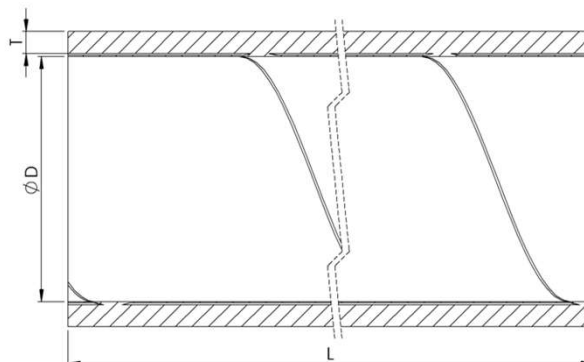


Pre-insulated spiral air ducts IF-SD



Description

Insulated spiral air ducts for ventilation, conditioning and recuperation applications. The insulation provides excellent sound insulation, heat insulation and protects against condensation. Factory-applied insulation significantly reduces on-site assembly time

Technical data

Construction	Spiral air duct, made of galvanized steel or other metal Covered with flexible elastomeric foam (FEF) insulation
Colors	Black

Technical specifications

Essential characteristics	Performance properties	Testing standards
Thermal conductivity coefficient (for all thicknesses)	-10°C- 0,034 W/(m*K) 0°C- 0,036 W/(m*K) 25°C- 0,037 W/(m*K) 40°C- 0,041 W/(m*K)	EN 12667
Reaction to fire	B- s3, d0	EN 13501-1
Operating temperature	-40°C ... 85°C	

Product type

	IFxx-SDyyy-z
Insulation thickness T [mm]	—
Air duct diameter $\varnothing D_{nom}$	—
Air duct length L [m]	—

Dimensions

Type	ØD _{nom} [mm]	L [mm]	T [mm]	m [kg]
IF09-SD100-1	100	1000	9	1,55
IF09-SD100-2	100	2000	9	3,10
IF09-SD125-1	125	1000	9	1,96
IF09-SD125-2	125	2000	9	3,92
IF09-SD160-1	160	1000	9	2,41
IF09-SD160-2	160	2000	9	4,82
IF09-SD200-1	200	1000	9	3,08
IF09-SD200-2	200	2000	9	6,16
IF19-SD100-1	100	1000	19	2,17
IF19-SD100-2	100	2000	19	4,34
IF19-SD125-1	125	1000	19	2,68
IF19-SD125-2	125	2000	19	5,36
IF19-SD160-1	160	1000	19	3,41
IF19-SD160-2	160	2000	19	6,82
IF19-SD200-1	200	1000	19	4,23
IF19-SD200-2	200	2000	19	8,46
IF25-SD100-1	100	1000	25	1,88
IF25-SD100-2	100	2000	25	3,76
IF25-SD125-1	125	1000	25	2,29
IF25-SD125-2	125	2000	25	4,58
IF25-SD160-1	160	1000	25	2,91
IF25-SD160-2	160	2000	25	5,82
IF25-SD200-1	200	1000	25	3,67
IF25-SD200-2	200	2000	25	7,34

When making a special order, air ducts are available in other sizes