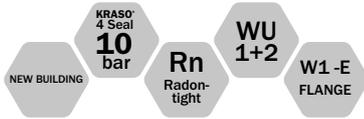


TECHNICAL DATA SHEET



KRASO® Floor Penetration Type BDF

Application areas

For the installation in waterproof concrete base plates.

Technical details

- + Made of dimensionally stable and pressure-resistant solid wall material: low abrasion, easy installation at low temperatures
- + In accordance with DIN EN 1401 or DIN EN 14758 (DN 110)
- + Temperature resistance up to 60 °C
- + Formed plug-in sleeve on one side, for connection to KG/HT pipes
- + Including **KRASO®** Cover as building period protective cover

Test

- + **KRASO®** 4 Seal - MPA-tested up to 10 bar!
- + IAF-tested: radon-tight!
- + DafStB waterproof concrete guideline: stress class 1 + 2, with foil flange DIN 18533 W1 -E



Material

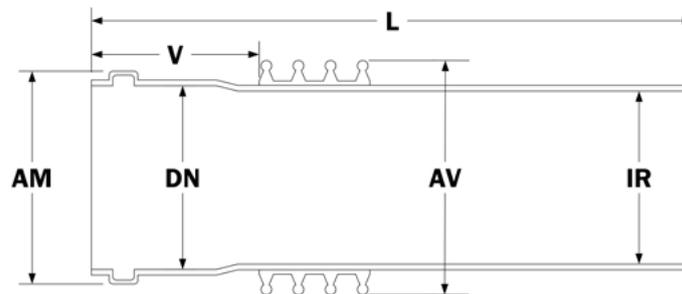
Pipe*	PVC
4 seal*	PVC
Foil flange*	PVC (bitumen resistant)
Cover	PP
Lip seal	SBR (for KG)

*BDF DN 110 pipe: PP-MD, 4 seal: TPE, foil flange: TPE (bitumen resistant), flush top edge sleeve

TECHNICAL DATA SHEET

KRASO® Floor Penetration Type BDF

Technical drawing



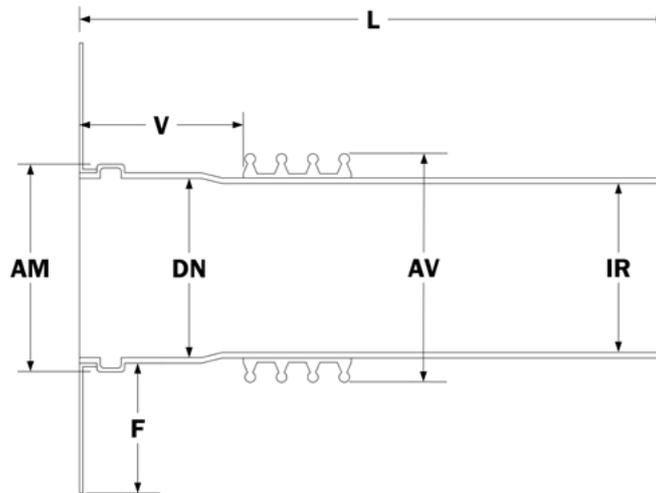
DN = nominal diameter | **L** = length | **IR** = pipe interior | **AM** = sleeve exterior | **AV** = 4 seal exterior | **V** = top edge sleeve to 4 seal

Type	DN (mm)	L (mm)	IR (mm)	AM (mm)	AV (mm)	V (mm)	Weight (kg)	Item no.
BDF	110	473	~103	~131	138	105	1.0	KBDF110
	125	590	~118	~144	153	95	1.4	KBDF125
	160	590	~152	~182	188	100	2.3	KBDF160
	200	590	~188	~224	228	115	2.8	KBDF200
	250	590	~234	~286	278	50	3.3	KBDF250
	315	590	~295	~356	343	50	6.6	KBDF315
	400	590	~375	~447	428	65	9.5	KBDF400
	500	1160	~469	~560	528	90	14.0	KBDF500

TECHNICAL DATA SHEET

KRASO® Floor Penetration Type BDF

Technical drawing (Type BDF with foil flange)



DN = nominal diameter | **L** = length | **IR** = pipe interior | **AM** = sleeve exterior | **AV** = 4 seal exterior | **V** = top edge sleeve to 4 seal | **F** = foil flange (surrounding)

Type	DN (mm)	L (mm)	IR (mm)	AM (mm)	AV (mm)	V (mm)	F (mm)	Weight (kg)	Item no.
BDF with foil flange	110	473	~103	~131	138	105	150	1.2	KBDF110
	125	590	~118	~144	153	95	150	1.8	KBDF125
	160	590	~152	~182	188	100	150	2.5	KBDF160
	200	590	~188	~224	228	115	150	3.2	KBDF200
	250	590	~234	~286	278	50	150	4.5	KBDF250
	315	590	~295	~356	343	50	150	7.0	KBDF315
	400	590	~375	~447	428	65	150	10.2	KBDF400
	500	590	~469	~560	528	90	150	16.3	KBDF500