

# METU access door for spiral ducts

## IPR-RRD



### Description

The IPR-RRD access doors of the METU System for round ducts are the most versatile access opening closures. They fit nearly all diameters of spiral ducts — from 68 to 1800 mm — and are made from various materials such as galvanized steel sheet and stainless steel. The access door sizes meet the requirements of EN 12097 and can be tailor-made according to individual specifications if access openings larger than those defined in industrial standards are required. The METU System covers a range of different gasket types and materials; as a result, the IPR-RRD access doors made from stainless steel sheet offer resistance up to 300°C. Standard gaskets are made from PE.

Other types of available IPR-RDD access doors:

**IPR-RRD-K** - access door made from stainless steel sheet

**IPR-RRD-A** - access door made from aluminium sheet

**IPR-RRD-I** - access door for insulated ducts  
(when ordering, specify the insulation layer thickness – between 20 and 55 mm).

**IPR-RRD-HT** - access door with ceramic gasket  
with temperature resistance up to +300°C

#### Available materials — Product code examples

IPR-RRD-... - galvanized steel sheet

IPR-RRD-K... - 1.4301/304 stainless steel sheet

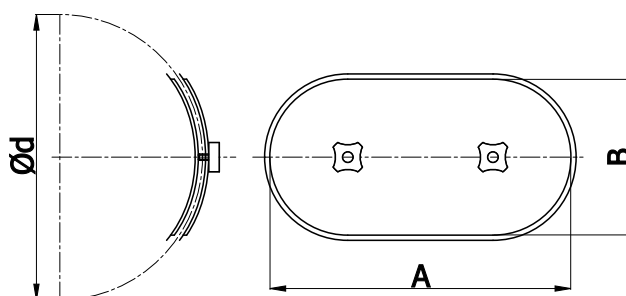
#### Product code example

Product code: **IPR-RRD - aaa**

type

Ød

### Dimensions



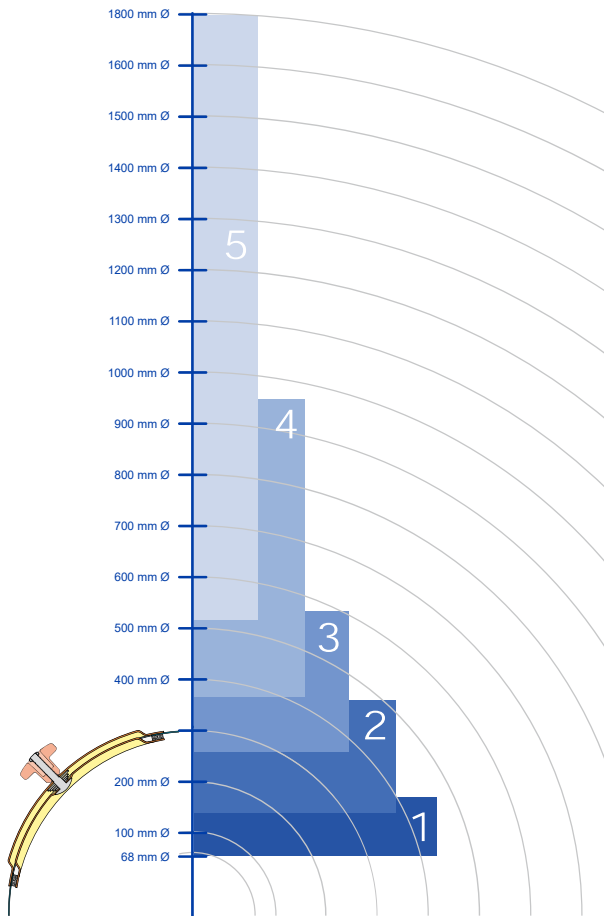
Ød <sub>nom</sub> [mm]	A [mm]	B [mm]	Weight [kg]	Diameter range
80	180	80	0.3	76-85
100	180	80	0.3	96-105
125	180	80	0.3	121-130
140	180	80	0.4	130-155
150	180	80	0.4	130-155
160	180	80	0.4	156-190
180	200	100	0.4	156-190
200	200	100	0.4	191-240
224	200	100	0.4	191-240
250	200	100	0.4	241-300
280	200	100	0.4	241-300
300	200	100	0.4	301-360
315	200	100	0.4	301-360
355	300	200	1.0	341-380
400	300	200	1.0	381-420
450	300	200	1.0	421-470
500	300	200	1.0	471-530
560	400	300	2.0	531-600
630	400	300	2.0	601-670
710	400	300	2.0	671-750
800	400	300	2.0	751-850
900	400	300	2.0	851-950
1000	500	400	4.2	951-1060
1120	500	400	4.2	1061-1180
1250	500	400	4.2	1181-1320
1400	500	400	7.1	1321-1500
1500	500	400	9.5	1421-1600
1600	500	400	11.2	1501-1800

A and B are the dimensions of the opening to be made in the duct wall.

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### Size selection



### Types of insulated access doors

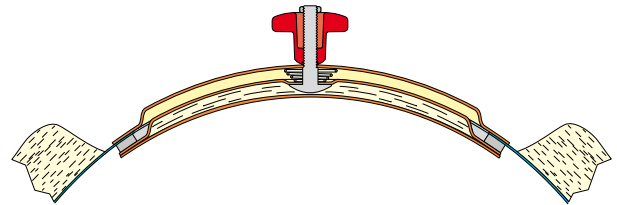
The IPR-RRD access doors of the METU System can be installed in round ventilation ducts clad in thermal insulation. Several versions of the IPR-RRD model are available, including access doors for insulated ducts and ducts with cladding. Standard gaskets are made from PE. Gaskets made from other materials are available on request (including self-adhesive rubber edge seals and heat-resistant ceramic seals).

Types of available IPR-RDD-I access doors:

- IPR-RRD-I-3PL-... - universal access door for all thickness sizes of insulation + insulated double bottom cover
- IPR-RRD-I-3DE-... - features an additional (third) top cover installed over the insulation layer double lock knob, zero cold bridge version
- IPR-RRD-I-DW1-... - for ducts with cladding, insulation thickness from 1 to 50 mm + single lock knob
- IPR-RRD-I-DW2-... - for ducts with cladding, double-cover version for thick insulation layers

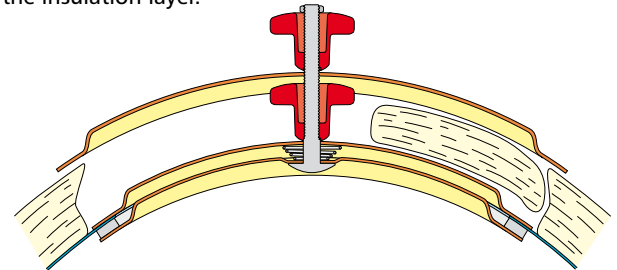
#### IPR-RRD-I-3PL

Universal access door with an insulated double bottom cover for all thickness sizes of the insulation layer.



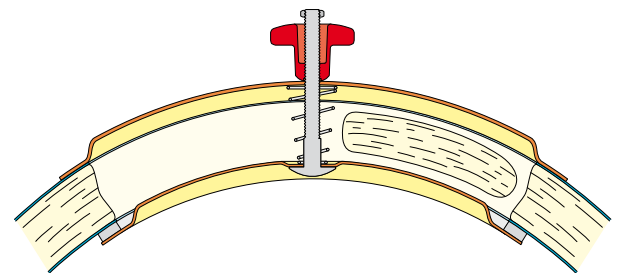
#### IPR-RRD-I-3DE

Access door with a double lock knob in the zero cold bridge version. Features an additional (third) top cover installed over the insulation layer.



#### IPR-RRD-I-DW1

Access door with a single lock knob for ducts clad in 1 to 50 mm thick insulation.



#### IPR-RRD-I-DW2

Double-cover access door for thick insulation layers and ducts with cladding

