

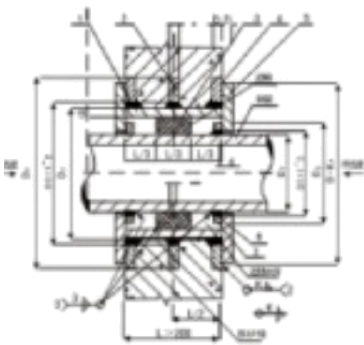


04FS02 Rigid Sealed Casing

Rigid sealed wall penetration casing | DN50-DN200 | 04FS02 reference



Representative 04FS02 rigid sealed casing



Catalog sealing structure / section drawing

Key Technical & Supply Data

Website Product Name	04FS02 Rigid Sealed Casing
Catalog Identity	04FS02 rigid sealed casing / rigid airtight sleeve
Catalog DN Range	DN50, DN65, DN80, DN100, DN125, DN150 and DN200
Sealing Arrangement	Steel casing with wing ring, retaining rings, fixed flanges, baffles and two neoprene seal rings
Wall Requirement	Catalog note requires concrete wall thickness of at least 200 mm
Local Thickening	If wall thickness is below 200 mm, one or both sides are thickened; thickened-zone diameter is at least D4 + 200 mm
Fabrication Sequence	Steel casing and ring components are welded and galvanized before casing installation; baffles and fixed flanges are welded after wall construction and installation
Welding Reference	Manual arc welding; catalog electrode designation E4303
Custom Production	Non-catalog DN, casing length, wall geometry, materials and project-specific configurations can be produced to approved drawings

Selection & Installation Notes

- Rigid construction is intended for wall penetrations where a sealed, fixed casing arrangement is required.
- Final DN, wall thickness, casing length, seal details and materials are confirmed by order and/or approved project drawing.
- For detailed technical requirements, custom configurations or project questions, please contact us.



Catalog Main Dimensions

Exact Mingchao catalog values for the 04FS02 rigid sealed casing. Dimensions are in mm unless noted otherwise.

No missing numerical values are inferred. Final project dimensions are confirmed by approved drawing.

Rigid Airtight Sleeve Dimensions - DN50-DN200

DN	D1	D2	D3	D4	d	b	k
50	60	80	114	225	3.5	10	4
65	75.5	95	121	230	3.75	10	4
80	89	110	140	250	4	10	4
100	108	130	159	270	4.5	10	5
125	133	155	180	290	6	10	6
150	159	180	219	330	6	10	6
200	219	240	273	385	8	12	8

Catalog Construction & Materials

No.	Component	Qty.	Material	Source note
1	Steel casing	1	Q235-A	
2	Wing ring	1	Q235-A	
3	Retaining ring	3	Q235-A	Catalog label: gear ring
4	Fixed flange	2	Q235-A	
5	Baffle	2	Q235-A	
6	Seal ring	2	Neoprene	

Catalog & Project Notes

The catalog specifies a minimum concrete-wall thickness of 200 mm. Where this condition is not met, local thickening is required and the thickened-zone diameter is specified as at least $D4 + 200$ mm.

Steel components are cataloged as Q235-A. Two sealing rings are cataloged as neoprene.

The catalog sequence states that steel casing/ring components are welded and galvanized before casing installation; baffles and fixed flanges are welded after construction and installation. Manual arc welding with E4303 electrode is specified.

For detailed technical requirements, non-standard dimensions, alternative materials or project-specific wall conditions, please contact us.