

Sound-Insulated Steel Door

dw 67-1/HS „Teckentrup“

up to $R_w = 57$ dB

dw 67-1/S „Teckentrup“

up to $R_w = 53$ dB



Text example

Compile and tender according to requirements.
Please refer to Technical Data below for respective details.
Updated 01.07.2013

Position	No. of pieces	Item	Unit price €	Total price €
		dw 67-1/S sound-insulated door tested in accordance with DIN EN 20140. Single-leaf door element. Type of handling DIN right. Door leaf/ Frame galvanized and prime coated similar to RAL 9002 (grey white). 67 mm thick, rebated on 3-sides, thick rebate with rebate seal. 3-sided corner frame, 2 mm thick, with double sliding threshold seal (53 dB). Mortice lock with lever/ knob in acc. with DIN 18250, prepared for profile cylinder. FS round handle set, black (plastic). Handle pivoted on bearing with tumbler insert (Bb) and 1 Bb key. 2 three-piece KO hinges with ball bearings. „Teckentrup“ or equivalent.		



Technical data

Standard: Tested in acc. with DIN EN 20140
Evaluation in acc. with DIN EN ISO 717 Part 1

Installation in:

- Masonry
 - Concrete
 - Autoclaved aerated concrete
 - Lightweight
 - Wooden frame construction
- Sound insulation of the wall =
Sound insulation of the door + ≥ 10 dB

Dimensions: (only Special Sizes)

Width: 750 - 1500 mm
Height: 1750 - 3000 mm

Type of handling:

DIN right or DIN left

Door leaf:

Double-skinned, **thick rebated** on 3 sides and 3-sided rebate seal

dw 67-1/HS:

- with double retractable bottom seal
55 dB (Standard)
- with double sliding threshold seal and base profile
57 dB

dw 67-1/S:

- with double retractable bottom seal
50 dB (Standard)
- with double sliding threshold seal and base profile
53 dB

Approved for escape routes and emergency exits.

Door leaf thickness: 67 mm
Security bolt: 1
Reinforcement: Flat steel

Frame:

3-sided corner frame, 2 mm thick with bottom buffer strip and 3-sided seal
3 wall anchor plugs on each side.

Special equipment:

Counter frame, closed frame and block frame

Surface:

Door leaf/Frame galvanized and prime coated, similar to RAL 9002 (grey white).

Hinges and closing devices:

- 2 three-piece KO hinges with ball bearings

Fittings:

- Mortice lock with lever/knob in acc. With DIN 18250, prepared for profile cylinder
- FS round handle set, black (plastic). Handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key

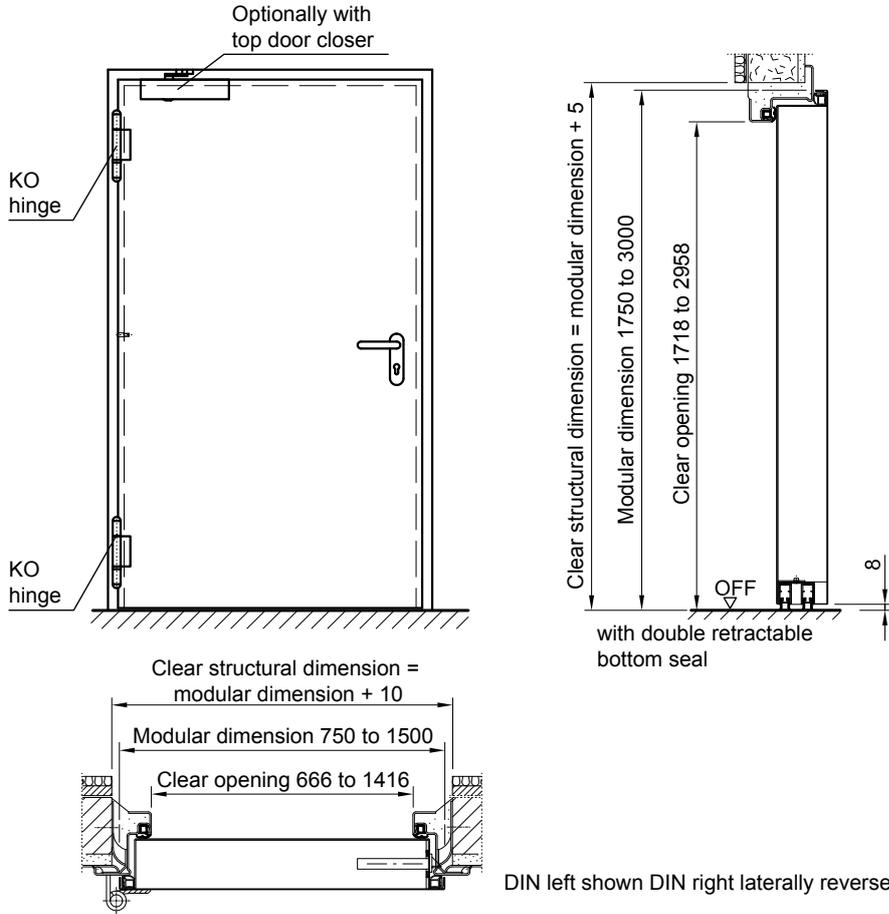
Special equipment:

- Handle sets / Lever/Knob sets:
 - Plastic
 - Light metal
 - Stainless steel
 - With short plate or rose escutcheon (various makes)
- Locks:
 - Profile cylinder 50.5 + 35.5 mm
 - Top door closer DIN EN 1154
 - Panic locks
 - Panic bar handle

Sound-Insulated Steel Door

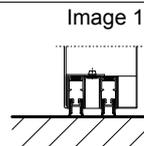
dw 67-1/HS „Teckentrup“ up to $R_w = 57$ dB

dw 67-1/S „Teckentrup“ up to $R_w = 53$ dB

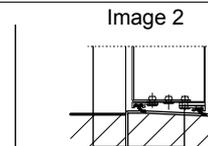


Floor connections:

Image 1: with double retractable bottom seal
Image 2: with double sliding threshold seal and base profile



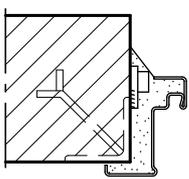
dw 67-1/HS = 55 dB
dw 67-1/S = 50 dB



dw 67-1/HS = 57 dB
dw 67-1/S = 53 dB

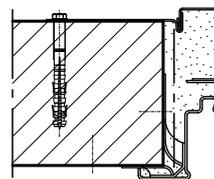
Installation in masonry/ concrete walls
concrete walls
masonry walls

Weld-on assembly



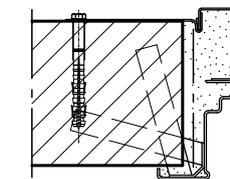
Corner frame

Wall plug assembly



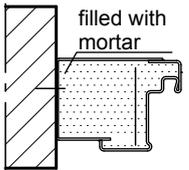
Corner frame with counter frame

Wall anchor assembly



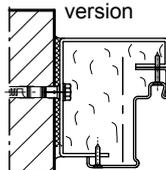
Installation with block frame
Flush installation between concrete walls, masonry walls
dw 67-1/HS only block frame type 1.2

Standard



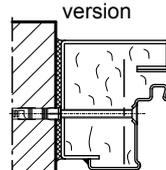
Block frame type 1.2

Disassembled version



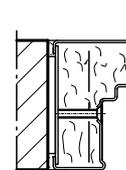
Block frame type 2.1

Pre-assembled version



Block frame type 3

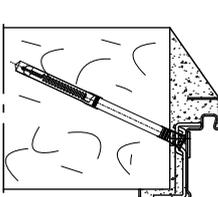
Special block frame



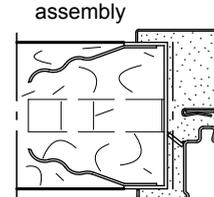
Block frame type 4.1

Installation in autoclaved aerated concrete walls

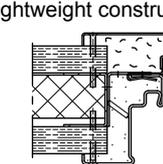
Wall plug assembly



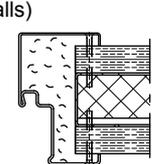
Wall anchor assembly



Installation in installation walls
(lightweight construction stud walls)



Corner frame



Closed frame