Knürr DoubleProRack®

19" Stand-Alone Enclosure 1.92 to 1.98

19" Network Stand-Alone Enclosure

Knürr DoubleProRack®
Strong points

1 DOP00242

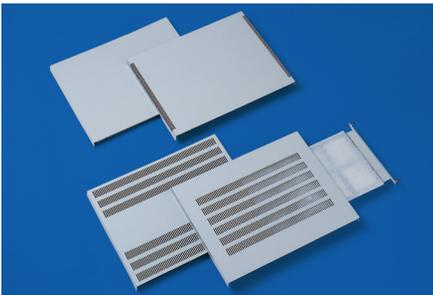**3** DOP00245

5 DOP00247

7 DOP00250

DOP00256
8 DOP00251

1 Complete 19" enclosure range, from the Desktop Enclosure with 6 U through to the Compact Rack with 24 U.

2 Various top and bottom cover variants are available for individual requirements for air throughput and IP protection rating.
Top and bottom covers can be combined with each other in any way.

3 Lockable front door, optionally as single safety glass panel or as sheet steel door.

4 The extrusions for installing the 19" components are available with mounting holes or with a T-slot for incremented or stepless mounting.

5 The 19" mounting level can be set in the depth in 25 mm increments. This allows higher front panel structures to also be installed when using a door.

6 Individual configurations for your special application case allow uneven floor surfaces to be evened out with the leveling feet, mobility with castors or stacking with enclosure foot.

7 As an additional alternative, a plinth with front vent panel provides space for cabling and ventilation from below.

8 Various door types allow appearance and service access to be individually designed while taking the required protection rating into account.

9 Different types of cable entry are available according to the required protection rating.

Knürr DoubleProRack® 19" Enclosure in acc. with IEC 297-3
Technical data

2 DOP00244

4 DOP20004

4 DOP20005

6 DOP00248

9 DOP00252

■ Die-cast aluminum frame construction connected with aluminum depth and vertical extrusions

■ **Material**
  - Covers, sheet steel, 0.8 mm, zinc-passivated
  - Die-cast aluminum frame
  - Extruded aluminum depth and vertical extrusions
  - In the 19" mounting level, extruded aluminum with T-slot and mounting holes
  - Sheet steel, full glass doors or extrusion doors with sheet steel or safety glass panel

■ **External dimensions**
  - Widths
    554.4 mm
    754.4 (network enclosures)
  - Depths
    500, 600, 700 or 800 mm
  - Height:
    177.8 – 1111.3 mm (without feet or plinth)

■ **Installation space in acc. with IEC 297**
  - Height 3 – 24 U
  (1 U = 44.45 mm)
  - Width: 19"

■ **How supplied**
  - Assembled

■ **Load rating**
  - 1500 N static

■ **Configuration**
  - Stationary, on plastic feet or plinth with feet
  - Mobile on twin swivel castors
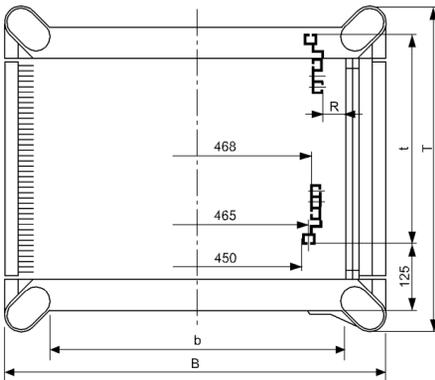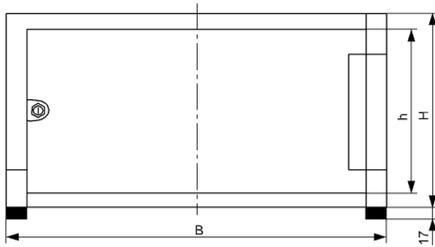
■ **Finish /Color**
  - Powder-coated texture, RAL 7035 light gray
  - Frame and extrusions powder-coated texture, RAL 5008 light gray

■ **Tests**
  - Vibration test in acc. with MIL-STD 810 D
  - NEMA 12 Test

Knürr DoubleProRack®

DOP00256

Knürr DoubleProRack® 19" Stand-Alone Enclosure

– For components in acc. with IEC 297-3
– Side covers and rear panel can be removed
– Flexible assembly of the components using T-slot (also optional with mounting holes)
– Cable entry via rear panel
– Heat loss discharge via own convection on the rear panel (or optionally with fan unit)

■ **Jumpering space**
At the front: 125 mm

■ **Load rating**
1500 N static

■ **Protection rating**
IP 20

■ **Material/Finish**
Covers, sheet steel, powder-coated texture
Die-cast aluminum frame
Extruded aluminum extrusions
Glass infill front door, single safety glass panel

■ **Color**
Covers, RAL 7035 light gray
Frame and extrusions, RAL 5008 gray-blue

■ **Supply schedule**
1 frame rack incl. side covers
1 full glass door
1 rear panel with cable entry, 3 parts
1 cover, above, with vent slots
1 cover, below, with vent slots
1 19" installation set (4 vertical extrusions with T-slot)
1 earthing set with earthing bolt, M8

■ **How supplied**
Assembled

DOP00230

W	H	D	U	h d	kg	Model	Order no.	UP
554.4	311	600	6	265	435	With full glass door	01.246.641.1	1 unit
554.4	444	600	9	399	435	With full glass door	01.246.642.1	1 unit
554.4	577	600	12	532	435	With full glass door	01.246.643.1	1 unit
554.4	711	600	15	666	435	With full glass door	01.246.644.1	1 unit
554.4	844	600	18	799	435	With full glass door	01.246.645.1	1 unit
554.4	978	600	21	932	435	With full glass door	01.246.646.1	1 unit
554.4	1111	600	24	1066	435	With full glass door	01.246.647.1	1 unit
554.4	577	800	12	532	635	With full glass door	01.246.843.1	1 unit
554.4	711	800	15	666	635	With full glass door	01.246.844.1	1 unit
554.4	844	800	18	799	635	With full glass door	01.246.845.1	1 unit
554.4	978	800	21	932	635	With full glass door	01.246.846.1	1 unit
554.4	1111	800	24	1066	635	With full glass door	01.246.847.1	1 unit

Dimensions in mm: W = Width
H = Height
D = Depth
h = installation height
d = useful depth
L = length

U = standard height unit
1 U = 44.45 mm
UP = unit of packaging
kg = weight

= Express item

Conversion: 1 mm = 0.03937 inch   1 kg = 2.2046 pound

1.94

DOP00253

Knürr DoubleProRack® 19" Enclosure without front door

– For components in acc. with IEC 297-3
– Side covers and rear panel can be removed
– Heat loss discharge via own convection on
  the rear panel (or optionally with fan unit)
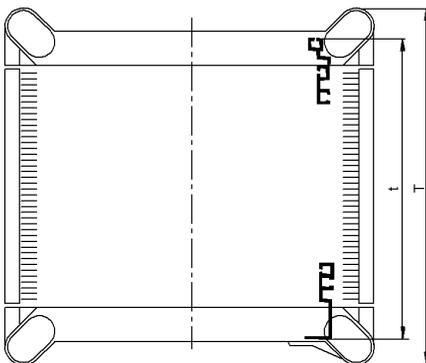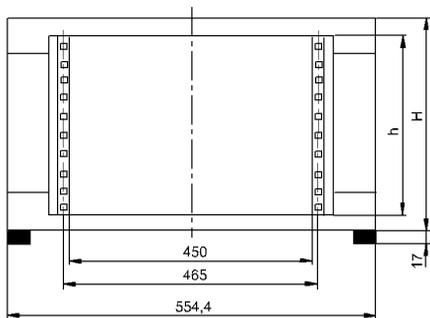
■ **Load rating**
1500 N static

■ **Protection rating**
IP 20

■ **Material/Finish**
Covers, sheet steel, powder-coated texture
Die-cast aluminum frame
Extruded aluminum extrusions

■ **Color**
Covers, RAL 7035 light gray
Frame and extrusions, RAL 5008 gray-blue

■ **Supply schedule**
1 frame rack incl. side covers
1 cover, above, with vent slots
1 cover, below, with vent slots
1 rear panel (from enclosure height 12 HU,
  with 3 HU front ventilation panel)
2 19" front extrusions, mounting holes
2 19" extrusions at the rear, T-slot

■ **How supplied**
Assembled

DOP00052

W	H	D	U	h	d	kg	Model	Order no.	UP
554.4	178	500	3	132	460	10.0	No door	01.243.503.1	1 unit
554.4	311	500	6	265	460	12.5	No door	01.243.506.1	1 unit
554.4	444	500	9	399	460	15.0	No door	01.243.509.1	1 unit
554.4	577	500	12	532	460	17.0	No door	01.243.512.1	1 unit
554.4	711	500	15	666	460	19.5	No door	01.243.515.1	1 unit
554.4	844	500	18	799	460	22.0	No door	01.243.518.1	1 unit
554.4	311	600	6	265	560	14.0	No door	01.243.606.1	1 unit
554.4	444	600	9	399	560	16.5	No door	01.243.609.1	1 unit
554.4	577	600	12	532	560	19.0	No door	01.243.612.1	1 unit
554.4	711	600	15	666	560	22.0	No door	01.243.615.1	1 unit
554.4	844	600	18	799	560	24.5	No door	01.243.618.1	1 uni
554.4	978	600	21	932	560	27.0	No door	01.243.621.1	1 unit
554.4	1111	600	24	1066	560	29.5	No door	01.243.624.1	1 unit
554.4	577	700	12	532	660	21.5	No door	01.243.712.1	1 unit
554.4	711	700	15	666	660	24.0	No door	01.243.715.1	1 unit
554.4	844	700	18	799	660	27.0	No door	01.243.718.1	1 unit
554.4	978	700	21	932	660	29.5	No door	01.243.721.1	1 unit
554.4	1111	700	24	1066	660	32.5	No door	01.243.724.1	1 unit

Dimensions in mm: W = Width U = standard height unit
H = Height 1 U = 44.45 mm
D = Depth UP = unit of packaging
h = installation height kg = weight
d = useful depth
L = length [express icon] = Express item

Conversion: 1 mm = 0.03937 inch 1 kg = 2.2046 pound

DOP20004

DOP00313

Knürr DoubleProRack®
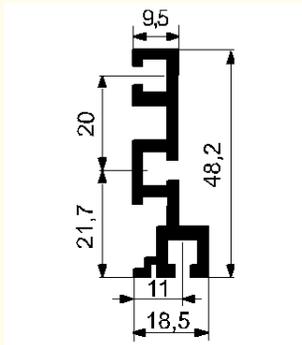## 19" installation, front with T-slot

– Can also be used as second mounting level

■ **Material**
Extruded aluminum

■ **Finish**
Polished

■ **Supply schedule**
2 19" extrusions at the front, T-slot
Mounting material

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
			6					01.240.440.9	1 set
			9					01.240.443.9	1 set
			12					01.240.445.9	1 set
			15					01.240.446.9	1 set
			18					01.240.447.9	1 set
			21					01.240.448.9	1 set
			24					01.240.449.9	1 set

DOP20005

DOP00055

Knürr DoubleProRack®
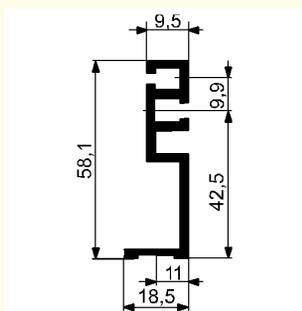## 19" installation, front with mounting holes

– Can also be used as second mounting level

■ **Material**
Extruded aluminum

■ **Finish**
Polished

■ **Supply schedule**
2 19" extrusions at the front with mounting holes

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
			6					01.240.490.9	1 set
			9					01.240.493.9	1 set
			12					01.240.495.9	1 set
			15					01.240.496.9	1 set
			18					01.240.497.9	1 set
			21					01.240.498.9	1 set
			24					01.240.499.9	1 set

DOP20033

Knürr DoubleProRack®
Fan Rear Panel 3 U

– With two axial fans
– With thermostat

■ **Single fan technical data**
- Max. volume current (free blowing): 162 m³/h
- Noise (free blowing): 37 dB(A)

Technical data, thermostat
- Setting range: 0 to 60 ?
- Mains supply: 240 V/50 Hz
- Nominal current: 16 A

■ **Supply schedule**
1 rear fan panel, wired
Mounting material

■ **Finish/Color**
Powder-coated texture, RAL 7035 light gray

■ **How supplied**
Assembled

■ **Note**
Use in the enclosure's lowest U is not possible!

W	H	D	U	h	d	kg	Model	Order no.	UP
554.4	132.5		3				With thermostat	01.243.428.1 ⚡	1 unit

DOP00275

Knürr DoubleProRack®
1 rear panel, closed

– For DoubleProRack width 554.4 mm

■ **Material/Finish**
Sheet steel, 0.8 mm, powder-coated texture

■ **Color**
RAL 7035 light gray

■ **Supply schedule**
1 rear panel, closed
Mounting material

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
554.4			3					01.240.451.1	1 unit
554.4			6					01.240.454.1	1 unit
554.4			9					01.240.457.1	1 unit
554.4			12					01.240.459.1	1 unit
554.4			15					01.240.460.1	1 unit
554.4			18					01.240.461.1	1 unit
554.4			21					01.240.462.1	1 unit

Dimensions in mm: W = Width U = standard height unit
H = Height 1 U = 44.45 mm
D = Depth UP = unit of packaging
h = installation height kg = weight
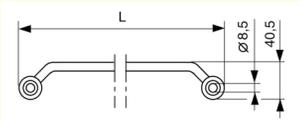d = useful depth
L = length ⚡ = Express item

Conversion: 1 mm = 0.03937 inch 1 kg = 2.2046 pound

Knürr DoubleProRack® Multi-Functional Handle

■ **Material/Finish**
Die-cast, powder-coated texture

■ **Color**
RAL 5008 gray-blue

■ **Supply schedule**
2 handles
Mounting material

■ **How supplied**
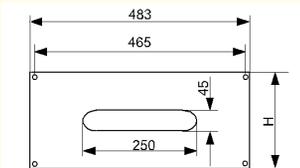Flat-packed kit

DOP00278

DOP00231

W	H	D	U	Model	Order no.	UP
		500			**01.240.641.1**	1 unit
		600			**01.240.642.1**	1 unit
		700			**01.240.643.1**	1 unit
		800			**01.240.644.1**	1 unit

Knürr DoubleProRack® Connection panel with cable routing

– For cable entry in combination with rear panel shortened accordingly by 3 U

■ **Material/Finish**
Sheet steel, 0.8 mm, powder-coated texture

■ **Color**
RAL 7035 light gray

■ **Supply schedule**
1 connection panel with cable routing
Mounting material

■ **How supplied**
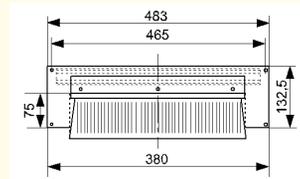Flat-packed kit

DOP00270

DOP00287

W	H	D	U	h	d	kg	Model	Order no.	UP
554.4	132.5		3					**01.243.435.1**	1 unit

Knürr DoubleProRack® Connection panel with brush strip

– To cover rear panel in combination with rear panel shortened accordingly by 3 U
– For DoubleProRack width 554.4 mm
– With brush strip for cable routing and strain relief

■ **Finish/Color**
Powder-coated texture, RAL 7035 light gray

■ **Supply schedule**
1 connection panel
Mounting material

■ **How supplied**
Flat-packed kit

DOP00288

W	H	D	U	h	d	kg	Model	Order no.	UP
554.4	132.5		3					**01.243.438.1**	1 unit

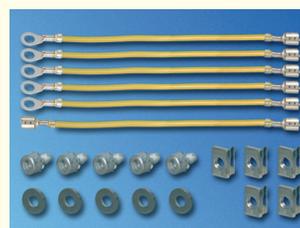## Knürr DoubleProRack® Earthing set for enclosures

– For earthing top cover/bottom cover
– With central earthing bolt

■ **Supply schedule**
2 earthlines, length 250 mm
4 spring nuts, M5
2 washers
4 cylinder screws, M5 x 10
1 earthing bolt

■ **How supplied**
Flat-packed kit

MEC20122

DOP20025

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.243.400.9	1 set

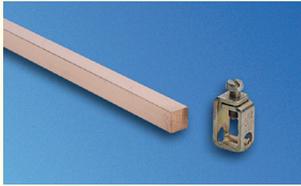## Knürr DoubleProRack® Earthing set for doors and trims

– For earthing doors and/or panels

■ **Supply schedule**
5 earthlines, length 250 mm
1 earthline, length 250 mm, two-sided AMP plug
5 spring nuts, M5
5 cylinder screws, M5 x 10 with tooth lock washer
5 washers

■ **How supplied**
Flat-packed kit

MEC20035

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.245.400.9	1 set

1.97

Earthing Bar

ELM00068

– For safe earthing and equipotential bonding of equipment and installation components

■ **Material**
Electrolyte copper, 9x9

■ **Supply schedule**
1 earthing bar
2 brackets
Mounting material

W	H	S	U	h	d	kg	Model	Order no.	UP
			12					01.110.703.9	1 unit
			15					01.240.543.9	1 unit
			18					01.240.544.9	1 unit
			21					01.240.545.9	1 unit
			24					01.240.546.9	1 unit

Contact Clamp

DOP20016

– For safe and secure connection of equipment and installation components with the earthing bar
– For cables up to 25 mm²

■ **Supply schedule**
20 contact clamps

W	H	S	U	h	d	kg	Model	Order no.	UP
								01.110.715.9	20 units

Knürr DoubleProRack® Mounting bracket:

DOP00282

– For mounting socket strips and cable duct

■ **Material/Finish**
Sheet steel, zinc-passivated

■ **Supply schedule**
2 mounting brackets
Mounting material

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.240.533.9	1 set

Knürr DoubleProRack® Rack Connector

DOP00283

– For physical, stable rack and enclosure suites

■ **Material/Finish**
Sheet steel, zinc-passivated

■ **Supply schedule**
4 rack connectors
Mounting material

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.240.525.7	1 set

Knürr DoubleProRack® Base Fixing

DOP00311

– For use in conjunction with leveling feet

■ **Material/Finish**
Sheet steel, black, zinc-passivated

■ **Supply schedule**
4 base fixings
Screws and dowels

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.243.441.3	1 set

Knürr DoubleProRack® Eyebolt Set

DOP00281

– For hanging on crane hooks
– Load rating, 1900 N static per ring screw

■ **Material**
Tool steel, forged

■ **Supply schedule**
4 eyebolts, M 8

■ **How supplied**
Flat-packed kit

W	H	D	U	h	d	kg	Model	Order no.	UP
								01.243.440.9	1 set

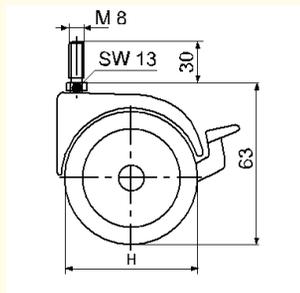## Knürr DoubleProRack® Twin Castor 50 mm

DOP00267

– For mobile setup of the DoubleProRack stand-alone enclosure with lockable castors

■ **Material/Finish**
Polyamide, RAL 9011 black

■ **Load rating**
400 N per castor
1200 N max. static total load per rack

■ **Supply schedule**
2 twin castors
2 lockable castors
4 lock washers

■ **How supplied**
Flat-packed kit

DOP00233

W	H	D	U	h	d	kg	Model	Order no.	UP
50								01.240.527.9	1 set
75								01.240.528.9	1 set