



HMA I-225 (KSE 100)



Suspension system made from steel Tubes with high application flexibility

- Default colours
 - Pipes: RAL 7035 (Light grey)
 - Components: RAL 7035 (Light grey)
 - Special colours on request
- Load-dependent inclination adjustment
- System length up to 3,000 mm in 10 mm increments
- Tube 120 x 100 mm
- High stability against flexing and torsion due to the combination of open and closed steel profiles
- Simple cable assembly when using standard tube
- Rotation limiter of the horizontal swivel angle adjustable from outside in 30° increments
- Low maintenance

Safety Class	IP 54 DIN EN 60529
Cable duct	69 x 80 mm
System length (max)	3000 mm

HMA I-225 ELBOW ADAPTOR HMA I-080

42010-04XXX-XXXXXXX



- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request
- Angle 90° (rigid)
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description
42010-04000-1701610	HMA I-225 Elbow Adaptor HMA I-080, 2.9kg, Colour: RAL 7016
42010-04000-1703510	HMA I-225 Elbow Adaptor HMA I-080, 2.9kg, Colour: RAL 7035

HMA I-225 TOP MOUNTED JOINT

42001-0XXXX-XXXXXXX



For horizontal swivelling of the support arm

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 350°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description
42001-01000-1703510	HMA I-225 Top Mounted Joint Basic, 11.5kg, Colour: RAL 7035
42001-01001-1703510	HMA I-225 Top Mounted Joint Basic, Rotation limiter, 11.5kg, Colour: RAL 7035
42001-05000-1703510	HMA I-225 Top Mounted Joint Excellence, 19kg, Colour: RAL 7035

HMA I-225 WALL JOINT

42002-0XXXX-XXXXXXX



For horizontal swivelling of the support arm

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 180°
- Rotation Limiter (option)
- Bellows with zipper

Product code	Description
42002-01000-1703510	HMA I-225 Wall Joint Basic, 10kg, Colour: RAL 7035

HMA I-225 INTERMEDIATE JOINT

42003-0XXXX-XXXXXXX



For the connection of 2 section tubes and horizontal swiveling of the support arm

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Load-dependent tilt adjustment by adjustment screws
- Angle of rotation: 200°
- Rotation Limiter (option)
- Bellows with zipper

Product code	Description
42003-01002-1703510	HMA I-225 Intermediate Joint Basic, 9kg, Colour: RAL 7035

HMA I-225 ELBOW

42004-0XXXX-XXXXXXX



For connection of a horizontal frame tube and a vertical profile tube

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Angle 90° (rigid)
- Overhead-mounting possible
- Removable lid for easy installation
- Integrated drop protection

Product code	Description
42004-00000-1703510	HMA I-225 Elbow, 3kg, Colour: RAL 7035

HMA I-225 ELBOW WITH LIGHT ADAPTOR

42004-00001-XXXXXXX



Product code	Description
42004-00001-1703510	HMA I-225 Elbow with Light Adaptor, 3kg, Colour: RAL 7035

HMA I-225 COUPLING

42005-0XXXX-XXXXXXX



For connection with a vertical profiled tube to a housing

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Angle of rotation: 350°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Integrated drop protection

Product code	Description
42005-01000-1703515	HMA I-225 Coupling Basic, 3kg, Colour: RAL 7035

HMA I-225 ROTATING ELBOW COUPLING

42008-0XXXX-XXXXXXX



The rotating elbow coupling is utilized with a horizontal suspension arm for direct coupling above or below the box. Control boxes can be rotated 350°. Stops for reduced rotation are available upon request. A locking handle is furnished to lock the coupling at the desired location. A flanged plate is available for additional cable protection when coupled with control box

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Angle 90° (rigid)
- Angle of rotation: 350°
- Rotation limiter adjustable in 30° increments
- Overhead-mounting possible
- Removable lid for easy installation

Product code	Description
42008-01000-1703510	HMA I-225 Rotating Elbow Coupling Basic, 5kg, Colour: RAL 7035

TUBING (HEAVY DUTY)

4204X-XXXXX-XXXXXXX



Weldable and robust steel tubing. The heavy duty version is completely enclosed.

- Default colour
 - RAL 7035 (Light grey)
 - Special colours on request
- Closed tube
- Tube 120 x 100 mm

HMA I-225 ADAPTER PLATE HMA I-080

42010-00002-XXXXXXX



Product code	Description
42010-00002-1703510	HMA I-225 Adapter plate HMA I-080, 0.7kg, Colour: RAL 7035

HMA I-225 ROTATION LIMITER

42090-01006-XXXXXXX



For variable adjustment of the rotation angle

- Default colour
 - Galvanized
 - Special colours on request
- Rotation limiter adjustable in 20° increments
- Can be retrofitted to wall joint and intermediate joint

Product code	Description
42090-01006-7000000	HMA I-225 Rotation Limiter, 0.5kg, Colour: Galvanized

HMA I-225 ADAPTION DISK SET

42010-00005-XXXXXXX



Product code	Description
42010-00005-1703510	HMA I-225 Adaption disk set, 2.5kg, Colour: RAL 7035

HMA I-225 INCLINATION ADAPTOR

42010-011XX-XXXXXXX



For movable connection of housing and coupling or angle coupling

- Default colours
 - RAL 9005 (Jet black)
 - Galvanized
 - Special colours on request
- Vertical swivel range $\pm 30^\circ$

Product code	Description
42010-01101-1900510	HMA I-225 Inclination adaptor heavy, 3.6kg, Colour: RAL 9005
42010-01102-1900510	HMA I-225 Inclination adaptor medium, 3.6kg, Colour: RAL 9005

HMA I-225 ADAPTER HMA I-LIFT 65

53091-10130-XXXXXXX



- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
53091-10130-1703515	HMA I-225 Adapter HMA I-Lift 65, Colour: RAL 7016



HMA I-225 ADAPTER HMA I-LIFT 95

54091-10020-XXXXXXX



- Default colour
 - RAL 7016 (Anthracite grey)
 - Special colours on request

Product code	Description
54091-10020-1701610	HMA I-225 Adapter HMA I-Lift 95, Colour: RAL 7016