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GN 237.3 | Heavy Duty Hinges

Stainless Steel, with Enhanced Strength, Horizontally Elongated

Ganter Norm®

Shim washers

Swiveling range

Type **B**

180°

Type **A**

Bores for
countersunk screws DIN 7991

Hinge pin

Inox
Stainless
Steel
Rost frei

4 Type

A With bores
for countersunk screws

B With bores
for countersunk screws
and centering attachments

2 l₁		**3** l₂	d₁	d₂	d₃	d₄ +0,5 recommended locating bore	h₁	h₂	h₃	h₄	h₅	l₃	l₄	m₁	m₂	m₃	m₄	m₅
elongated on one side	elongated on both sides																	
63	-	50	6,3	6	9,5	10	12,5	6	6,5	2	13	21	34	-	30	13	15	15
-	76	50	6,3	6	9,5	10	12,5	6	6,5	2	13	34	34	30	30	13	-	-
90	-	60	8,3	8	12,5	13	16	8	8,5	3	17	25,5	56	-	36	22,5	18	22,5
-	120	60	8,3	8	12,5	13	16	8	8,5	3	17	56	56	45	36	22,5	-	-
120	-	80	10,3	10	14,5	15	20	10	10,5	4	21	36	75	-	50	30	25	30
-	160	80	10,3	10	14,5	15	20	10	10,5	4	21	75	75	60	50	30	-	-

Specification **1** **5**

Hinge leafs

Stainless steel **NI**
German Material No. 1.4405
Martensite (C1)
• Matte shot-blasted finish **GS**
• Powder coated
  Black, RAL 9005, textured finish ● **SW**

Hinge pin

Stainless steel AISI 440B
• Tempered
• With special grease lubricated

Shim washers

Stainless steel AISI 301
With special grease lubricated

RoHS

Technical Information	Page
List of Hinge Types	QVX
Load rating information of metal hinges	QVX
Stainless Steel Characteristics	QVX

Horizontally elongated heavy duty hinges GN 237.3 are designed for use under tough conditions. Attachment points with a wider spacing and more installation holes allow a more effective introduction of force into the mounting surface. The hinge pins are integral and allow the hinges to be used in environments with strong vibrations and shocks.

The material of the hinge leafs is very robust and, thanks to the martensite structure, is suitable for use in aggressive environments, albeit subject to some restrictions. Wear is minimized by the effective friction pairing of the hinge components and lubrication.

The type B hinge has centering attachments that prevent lateral slippage under high loads and protect the mounting screws from impermissible transverse force.

How to order

1	Material
2	l₁
3	l₂
4	Type
5	Finish

1 **2** **3** **4** **5**
GN 237.3-NI-120-60-A-SW