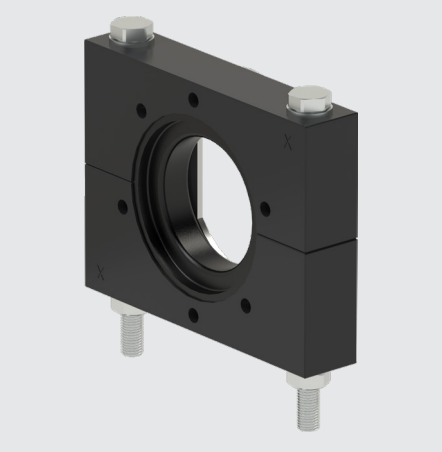
HYDAC INTERNATIONAL

Neckmount
HRNM



Size	External component Ø [mm]
3	31–38
4	39–46
5	47–52
6	53–66
7	67–88
8	89–99

DESCRIPTION

Neckmounts are used to fasten containers/bottles at their end, at the “neck” or “boss”.

The neckmount clamp HRNM encloses the neck and is fastened with fastening screws, for example to a frame. It is always a custom solution that needs to be adjusted to suit the available connection options and bottle geometry.

A neckmount can be combined with clamping bands.

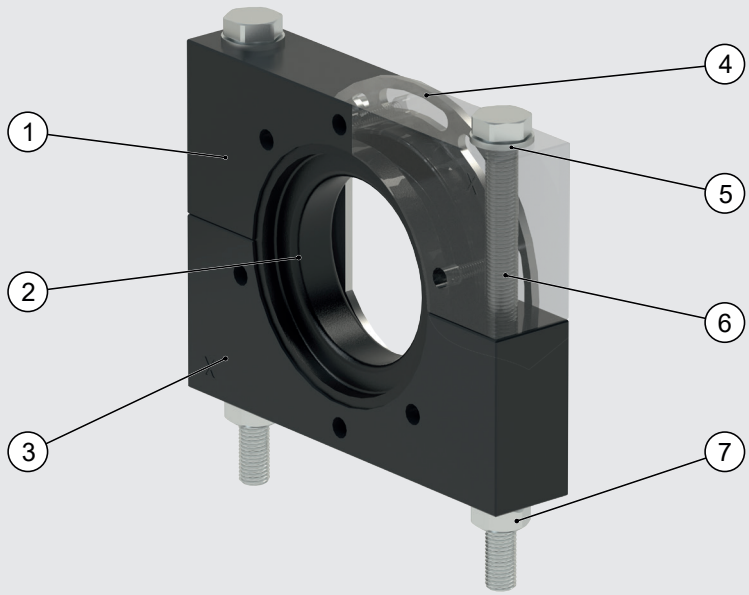
PRODUCT FEATURES

- Two-part round aluminium bowl
- May include additional elements: ball, elastomer insert, fixing disc
- Very good axial fastening of the container
- Compact design
- Ball can be used for angle compensation
- Length compensation thanks to combination of fixed and loosed bearings
- Anti-twist piece (radial)

CUSTOMER BENEFITS

- Secure fastening of container
- As the clamp takes up less space, there is room for bigger containers or a larger number of containers, which is important for the vehicle range in the case of hydrogen containers, for example.

Design (example)



No.	Description
(1)	Upper clamping jaw
(2)	Elastomer insert (optional)
(3)	Lower clamping jaw
(4)	Fixing disc (optional)
(5)	Washer (4x)
(6)	Fastening screw (2x)
(7)	Fastening nut (2x) (optional)
Not shown (additional options)	
	Weld plate
	Ball

Model code
(also order example)

HRNM	6	F	1003	EE	60	AL	EPDM

Designation
HRNM = HYDAC piping clamp, neckmount

Size
(determined by clamping diameter)

Purpose
F = fixed bearing
L = loose bearing

Series
(specified by manufacturer)

Option
X = no insert
EE = elastomer insert
K = ball
KE = ball and elastomer insert

Clamping diameter

Material of clamping jaw
AL = aluminium, anodised
ST ZN = steel, zinc-plated

Material of insert
EPDM = ethylene propylene diene rubber (fixed-shape elastomer)
POM = polyoxymethylene (thermoplastic)

TECHNICAL DETAILS

Dimensions		Custom-designed to suit the geometry of the neck and of the connection/ attachment points
Thread type		Metric thread
Fixing		Screwed directly onto the frame or weld plate
Screw tightening torque		Made to order, coordinated with customer
Bearing type:	Container in horizontal position:	One fixed bearing and one loose bearing
	Container in vertical position:	Fixed bearing at the bottom, loose bearing on top
Material:	Clamping jaws:	Aluminium or steel, zinc-plated (stainless steel on request)
	Elastomer insert:	EPDM or POM
	Ball:	PA
	Fixing disc:	Steel, zinc-plated (stainless steel on request)
	Weld plate:	Steel (stainless steel on request)
	Bolts, nuts:	Steel, zinc-plated, or stainless steel
Temperature		-40 °C to +90 °C (depending on version)

Notice:
Mounting technology is safety technology. For this reason, our fastening equipment must only be attached and installed by trained personnel. We assume warranty responsibility and liability only against defects in our delivered items as such. We bear no responsibility for the suitability of the surrounding conditions and for proper assembly.

NOTE

The information in this brochure relates to the operating conditions and applications described.

For applications and/or operating conditions not described please contact the relevant technical department.

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.

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