HYDRAULIC HINGE - W90

TORQ

Hydraulic self closing invisible hinges are completely hidden when the door is closed, revealing a clean profile when open with no visible screws or hardware.

9850 Invisible Hydraulic Hinge W90
9851 Invisible Non-Hydraulic Support Hinge W90



HYDRAULIC HINGE

Self closing hinge that closes from 85° and holds open at 90°, with a maximum opening of 180°. Each hinge can hold up to 30kg – follow the hinge selection table on page 2 for number required.

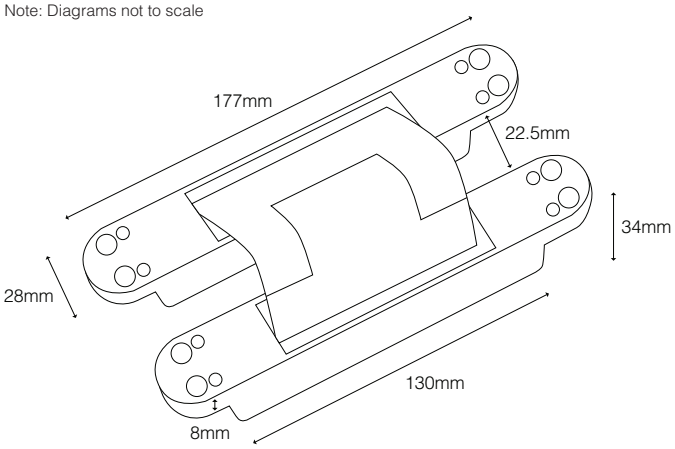
NON-HYDRAULIC SUPPORT HINGE

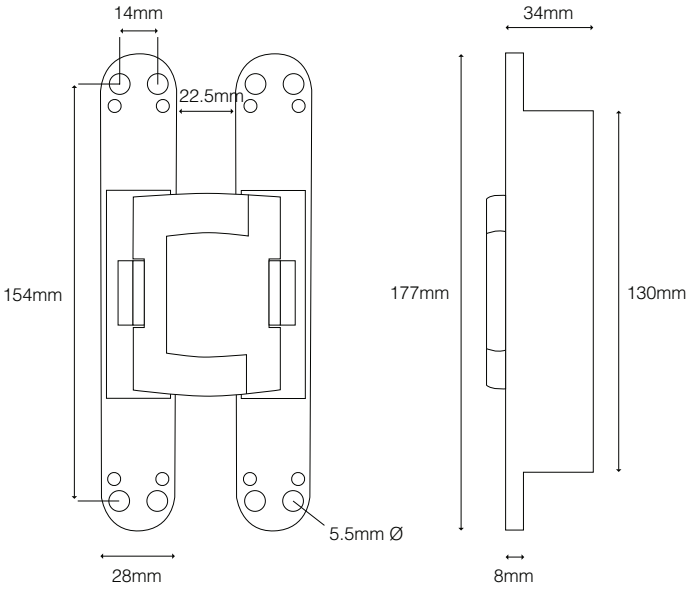
Load bearing hinge for use with or without hydraulic hinges. Use where the hinge selection table on page 2 calls for a support hinge.

DIMENSIONS

28mm × 177mm × 34mm

Note: Diagrams not to scale



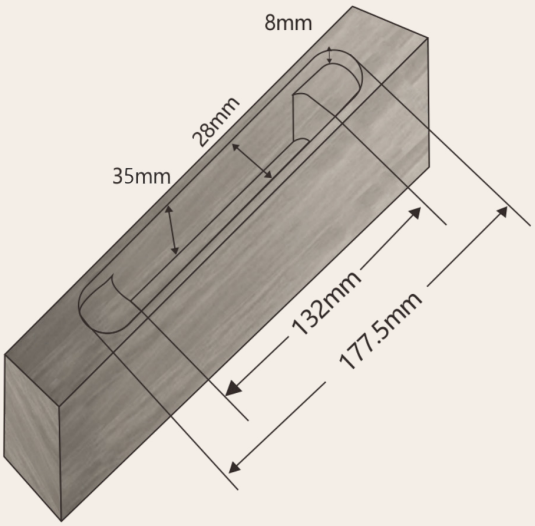


SPECS

- Suits doors 30–90kg, minimum door thickness 38mm
- Maximum load 30kg per hydraulic hinge
- Hydraulic closing from 85° to 0°, holds open at 90°, free stay from 90° to 180°, maximum opening 180°
- Mute close or entry lock (latching) setting
- Adjustable closing speed, supplied at slowest setting
- Lateral adjustment ±1.5mm, vertical adjustment ±3mm
- Non-handed, tested to 100,000 cycles

INSTALLATION

- Recess 177.5 × 28mm, 8mm deep, set back 5mm from door face
- Body pocket 132mm long, 36mm deep
- Rout door edge and frame to suit
- Fit in the direction of the arrow on the hinge body
- Remove the anti pinch limit devices after fitting
- 4 × 3mm Ø pilot holes
- 4mm hex key for all adjustments

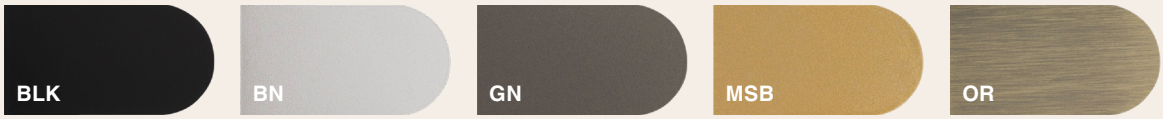


HYDRAULIC HINGE - W90

TORQ

Finishes

STOCKED



Matt Black | Brushed Nickel | Graphite Nickel | Matt Satin Brass | Oil Rubbed Bronze

CARE AND MAINTENANCE

To protect your hinges we suggest cleaning the surface periodically with a warm, soapy, lightly dampened cloth to remove any build-up of dust and grime that may cause corrosion and affect the integrity of the finish. Then simply dry thoroughly with a clean, soft cloth.

Atmospheric conditions, salt deposits, acids, caustic agents, cement or dust on construction sites all have the potential to cause discolouration to the surface.

Please avoid using any metal polishes, abrasive cleaners, scorers or rough cloths that may damage or scratch the hardware and do not spray or immerse the hardware in liquid to clean.

FINISH VARIATION

Finishes on TORQ hinges are a close match to our standard and signature finishes, however due to how they are manufactured there may be some variation.

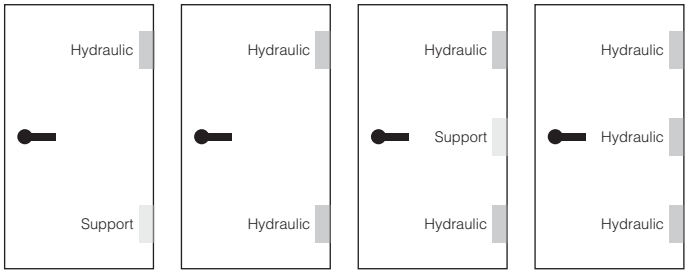
Hinge Selection

QUANTITY

Door weight	Door height	Recommended hinge quantity
<30kg	<2100mm	1× Hydraulic Hinge & 1× Support Hinge
<50kg	<2100mm	2× Hydraulic Hinges
<70kg	<2100mm	2× Hydraulic Hinges & 1× Support Hinge
<90kg	<2100mm	3× Hydraulic Hinges

If door height exceeds 2100mm, add an additional hinge.

POSITIONS



1× Hydraulic Hinge & 1× Support Hinge | 2× Hydraulic Hinges | 2× Hydraulic Hinges & 1× Support Hinge | 3× Hydraulic Hinges

HYDRAULIC HINGE MUTE CLOSE SETTING

