



# N6 MK154 SERIES

Balanced Manual Stop Valve  
(DN15)



YOUR CREATIVE ENGINEERING PARTNER

# N6 Mk154 SERIES

## Balanced Manual Stop Valve

The N6 Mk154 is a non rising stem, pressure balanced stop valve. They are suitable for use with gases where tight shut-off is required in high pressure lines. N6 Mk154 is designed for use with hydrogen and other non-corrosive and non-oxidising gases. The N6 Mk154 is TPED certified and may be used as a primary closure device for transportable vessels (e.g. Cylinder Banks on Trailers).



## HIGHLIGHTS

- > Conforms to transport pressure equipment directive 2014/68/EU (TPED)
- > Polymer seat provides tight shut off
- > Pressure balanced spindle for low operating torque

## IDEAL USES

- > Hydrogen high pressure gas trailers
- > Hydrogen filling stations
- > Biogas filling stations
- > Hydrogen and biogas trailer decant panels
- > High pressure test rigs

Maximum Rating  
**310**  
barg  
(4,500 psig)

Cv  
**4.5**

**TPED**  
Approved

## FEATURES AND SPECIFICATIONS

### 1. Non-Rising Stem

- > Non-Rising Stem and non-rotating valve stem ensure linear operating motion for a high cycle life

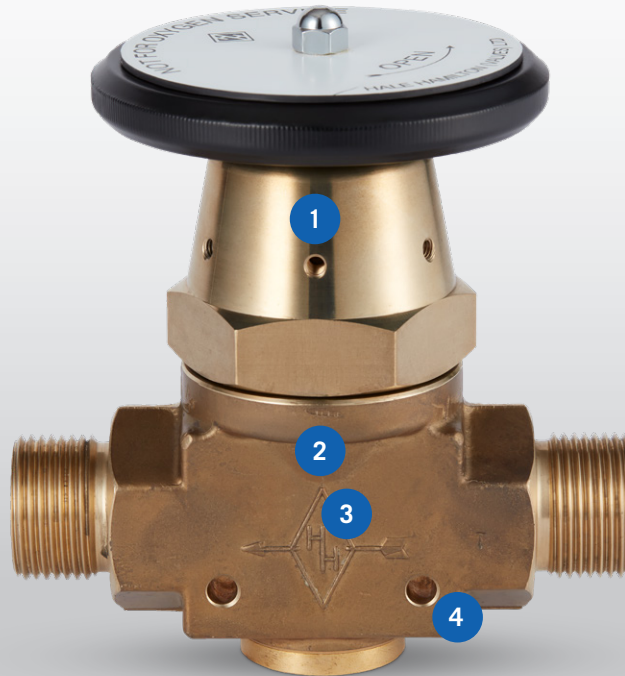
### 2. Polymer Construction

- > Allows a tight shut-off with a bubble tight leakage

### 3. Pressure Balanced Design

- > The balanced design ensures low operating torque even at high pressure

### 4. Panel Mount Option



## PRODUCT ORDERING INFORMATION

When placing an enquiry please advise the following:

- > Gas Type
- > Maximum Working Pressure

## PRODUCT SPECIFICATION DATA

	N6 MK154
<b>Function</b>	Manual Stop Valve
<b>Media</b>	"Non-corrosive Industrial Gases H2, CH4, N2, Ar, CO2, CO & He
<b>Maximum Rating</b>	TPED Approved for 310 barg (4500 psig)
<b>Nominal Bore (mm)</b>	DN15
<b>Orifice Size</b>	11mm
<b>Flow Factor (Cv)</b>	4.5
<b>Sealing Materials</b>	HNBR
<b>Leakage</b>	Bubble Tight
<b>Temperature Range</b>	-20°C to +70°C (-4°F to +158°F)
<b>Ports</b>	G3/4 Male (seal on end face of port)
<b>Materials of Construction</b>	Nickel Aluminium Bronze

# PRODUCT ORDERING & DIMENSIONS (IN MM)

OPTION	ORDERING CODE
N6 MK 154	N112651

