

Non return valves integrated in SAE flanges

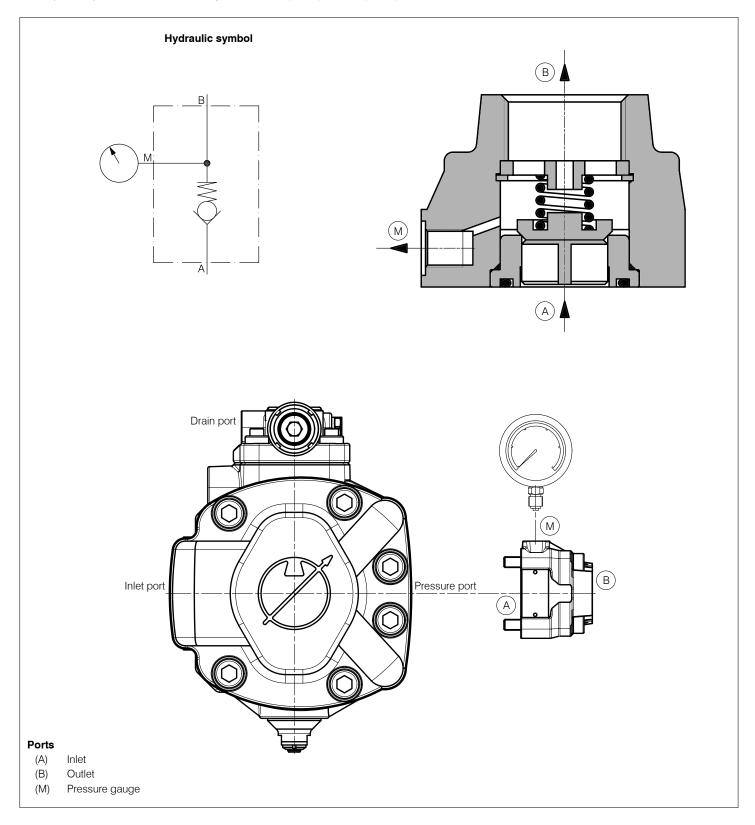
# NRV





# **General description**

Berarma NRV non-return valves (check valves) are produced with SAE J518 (3000 series and 6000 series) configuration with Gas BSP threaded ports. The integration of valve and flange in the same body (with a port connection for circuit pressure reading) makes them easy and cheap their use. These valves are designed to be used on Berarma size 2 and size 3 pumps (only 3000 series), but thanks to their modular design they can be installed on any other system with SAE J518 configuration with 1" (NRV 2) or 1"1/4 (NRV 3) Gas BSP thread.





#### **Technical data**

Ordering code	01 NRV 2 L M PL	01 NRV 3 L M PL	01 NRV 2 H M PL	01 NRV 3 H M PL			
Series	30	3000		6000			
Nominal size	DN 25	DN 32	DN 25	DN 32			
Nominal flow rate (I/min)	250	350	250				
Maximum working pressure (bar)	3	300		420			
Opening pressure (bar)		1					
Hydraulic fluid		HM according to ISO 6743-4 HLP according to DIN 51524-2					
for other fluids please contact Berarma technical sales service	HFC according to ISO 12922 water <40%						
Viscosity range (cSt)		10 ÷ 380					
Fluid temperature range (°C)		-10 ÷ +80					
Weight (kg)	1.4	1.8	1.7	2.4			
For different operating conditions, please contact Berarma	technical sales service		•	•			

### Ordering code

Series Name		Size		Series	Supplies	Pressure gauge port	
01 NRV 3		3	L	М	PL		
Code	Siz	ze	Thread				
2	DN 25		1" Gas BSP				
3	DN	32	1"1/4 Gas BSP				
	•			-			
Code	Ser	ies	Max. pressure				
L	Serie	3000	300 bar				
н	Serie	6000	420 bar				
			•	-			
Code	Supplies	Supplies					
М	Supplied	ed with screws and NBR seals					
				1			
Code	Pressure	gauge po	rt				

PL

• 01 NRV 2 L M PL

Circuit pressure after closing

- 01 NRV 3 L M PL
- 01 NRV 2 H M PL
- 01 NRV 3 H M PL

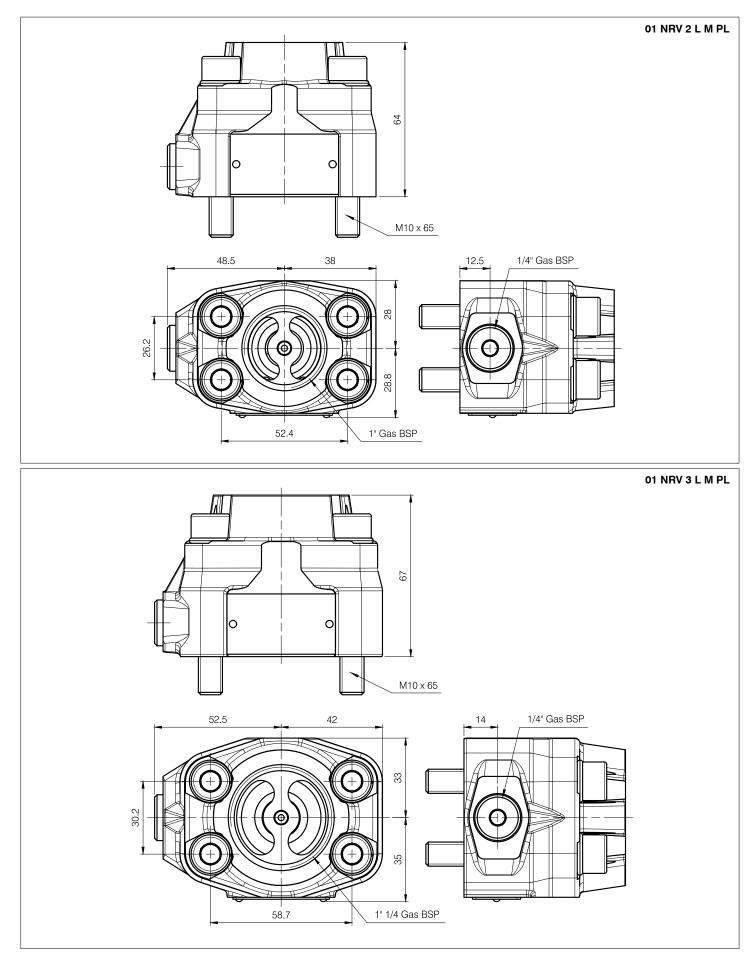
#### Warning

All Berarma products have been carefully checked during manufacture and subjected to testing cycles before shipment.

Before selection and/or use of any Berarma product, it is important that the purchaser carefully analyses all aspects of its application and reviews the information in the current Berarma technical sales documents. Due to the many different operating conditions and applications for Berarma products, the purchaser, through their own analysis and testing, is solely responsible for making the final selection of the products and assuring that all performance and safety requirements are met. Berarma S.r.I. accepts no responsibility for any editing mistakes in this catalogue. Berarma S.r.I. reserves the right to modify the products and data contained in this catalogue at any time and without prior notice.



### 3000 series overall dimensions





# 6000 series overall dimensions

