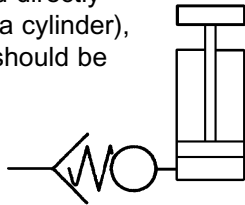


VPC SERIES HOSE BURST VALVES

INTRODUCTION

Holmbury Hose Burst Valves are used to prevent the uncontrolled descent of a load in the event of a hose failure. They should be screwed directly into the lifting device (normally a cylinder), or into an in-line manifold that should be mounted as close as possible to the lifting device.

A flow regulator valve, set at least 50% higher than the regulated flow, should be fitted downstream from the hose burst valve at the end of the flexible hose.



OPERATION

The valve disk is held apart from the flow block with a spring fitted over the centre stem of the valve. Apart from a small pressure drop, fluid can flow freely in the direction from Z to Z1. When fluid is flowing in the reverse direction, from Z1 to Z, if the flow rate exceeds the valve setting (see dimension T and adjustment graph), the valve disk will snap shut and close the ports of the flow block.

APPLICATIONS

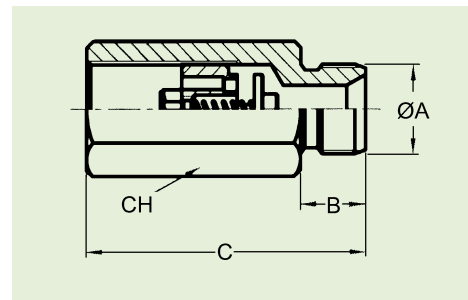
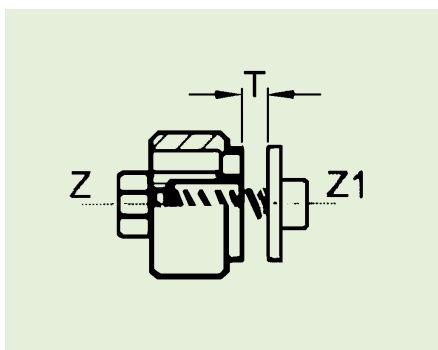
Lifting equipment and machinery where it is necessary to safeguard against excessive flow rates.

MATERIALS

Zinc plated carbon steel body.

TECHNICAL DETAILS

Maximum working pressure for all sizes is 350 bar.



Part Number	ØA	C	CH	B
VPC 14 BSP	1/4" BSP	50	19	12
VPC 38 BSP	3/8" BSP	58	22	12
VPC 12 BSP	1/2" BSP	70	27	14
VPC 34 BSP	3/4" BSP	78	86	16
VPC 100 BSP	1" BSP	92	46	18

Other threads and banjo connections available on request

ADJUSTMENT GRAPH

