

CVIF SERIES

HIGH PRESSURE

FREE FLOW

VALVELESS COUPLINGS

INTRODUCTION

Holmbury High Pressure, Free Flow, Valveless Couplings do not have shut-off valves in either the male or female halves. Consequently, the couplings can handle high flow rates and create a negligible pressure drop. However, when disconnected, any residual fluid in the line will be free to escape. For this reason, the couplings should only be used for the transmission of non-hazardous substances such as water.

APPLICATIONS

High pressure water jetting systems.

MATERIALS

Choice of nickel or zinc plated carbon steel body. Seals are nitrile with a PTFE backing ring.

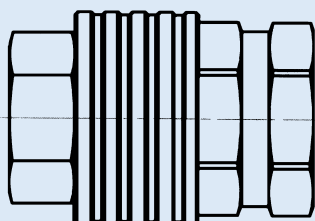
TECHNICAL DETAILS

Working temperature range with nitrile seals is -20°C to +100°C

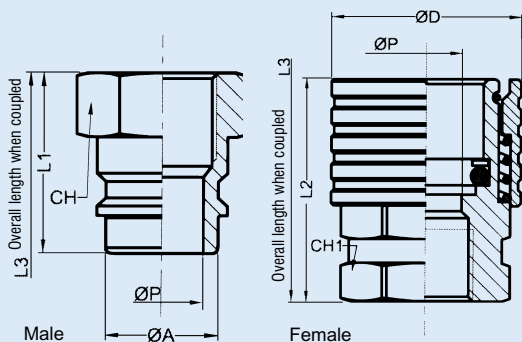


PRESSURE RATINGS

Size	1/4"	3/8"	1/2"
Male	700	600	500
Female	700	600	500



Female and Male Coupled



Male - nickel plated body

Part Number	Thread	ØA	ØP	CH	L1	L3
M CVIF 14NP BSP	1/4" BSP	14.1	8.5	19	25	45
M CVIF 38NP BSP	3/8" BSP	18.9	12	24	28	48
M CVIF 12NP BSP	1/2" BSP	20.4	15	27	33	58

Male - zinc plated body

Part Number	Thread	ØA	ØP	CH	L1	L3
M CVIF 14 BSP	1/4" BSP	14.1	8.5	19	25	45
M CVIF 38 BSP	3/8" BSP	18.9	12	24	28	48
M CVIF 12 BSP	1/2" BSP	20.4	15	27	33	58

Other threads available on request

Female - nickel plated body

Part Number	Thread	ØD	ØP	CH1	L2	L3
F CVIF 14NP BSP	1/4" BSP	30	8.5	22	35	45
F CVIF 38NP BSP	3/8" BSP	34	12	27	38	48
F CVIF 12NP BSP	1/2" BSP	40	15	32	45	58

Female - zinc plated body

Part Number	Thread	ØD	ØP	CH1	L2	L3
F CVIF 14 BSP	1/4" BSP	30	8.5	22	35	45
F CVIF 38 BSP	3/8" BSP	34	12	27	38	48
F CVIF 12 BSP	1/2" BSP	40	15	32	45	58

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ORDER CODES

* CVIF ** ** BSP
 M = male
 F = female
 Type & Size
 Body finish
 No symbol = zinc plated
 NP = nickel plated
 Thread