

# DIN COUPLINGS

## DIN COUPLINGS

### INB – Ball valve couplings

### DINV – Poppet valve couplings

#### INTRODUCTION

Holmbury DIN couplings are offered with a choice of either ball or poppet valve mechanisms for automatic flow shut-off when disconnected.

The ball valve option is primarily intended for applications where compatibility with existing equipment is essential. For new applications we recommend poppet valve couplings as the more durable option.

#### CONSTRUCTION

Zinc plated carbon steel with highly stressed components carbonitrided.

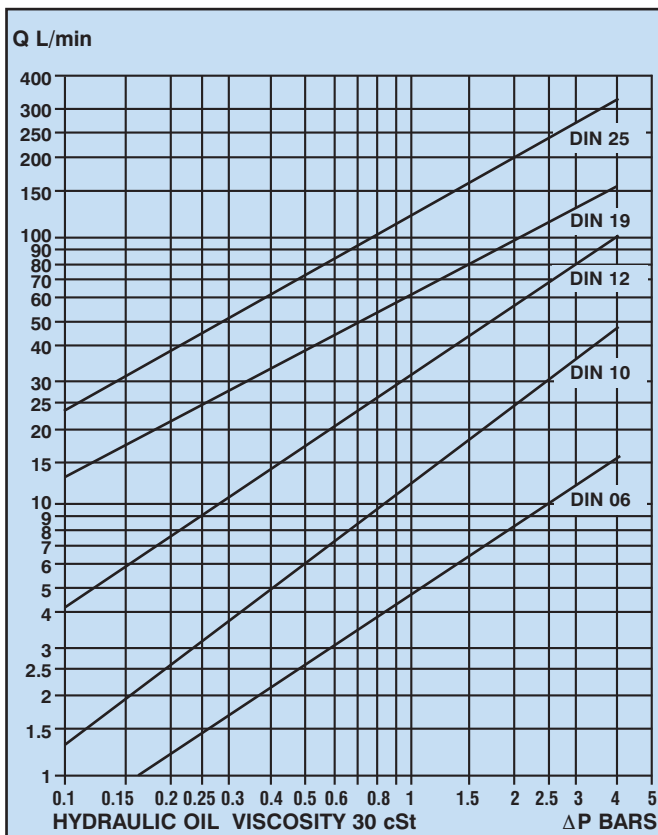
Nitrile seals with Teflon PTFE backing ring.

#### TECHNICAL DATA

BSP thread is standard, other threads available on request.

Working temperature range, nitrile seals: -20°C to +100°C

#### PRESSURE DROP CHARACTERISTICS



INB ball valve couplings



DINV poppet valve couplings

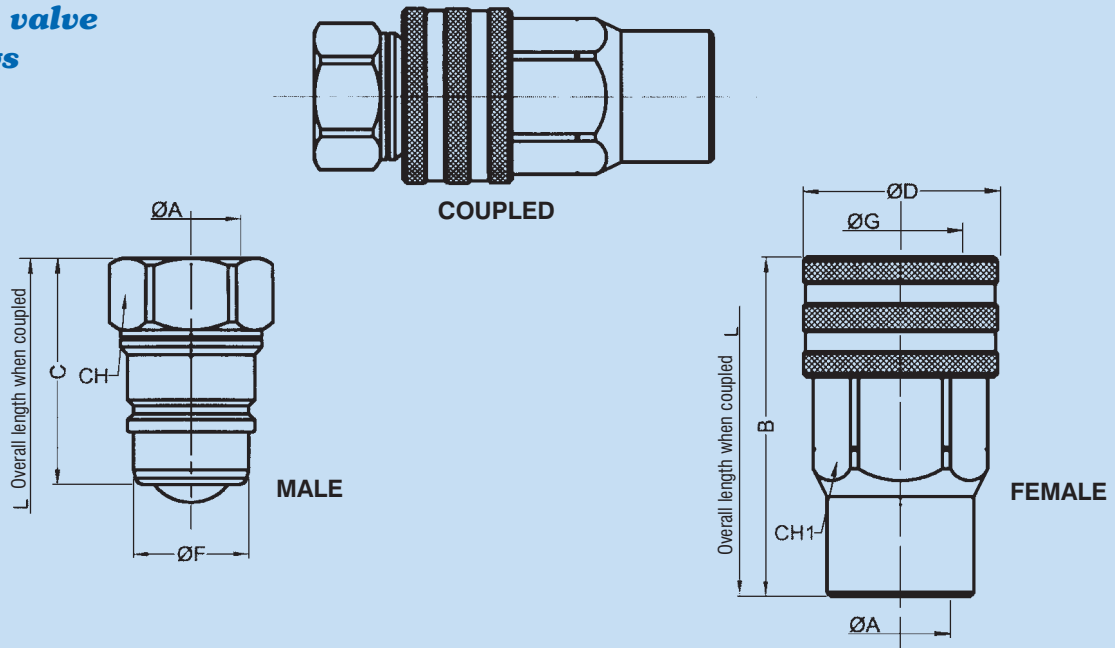
#### ORDER CODES

<b>DINV 25 - F - 16 G</b>		
DIN Coupling Type		<b>Any other information</b>
<b>INB</b> = ball valve		Blank = Nitrile seal
<b>DINV</b> = poppet valve		Blank = Female thread
<b>Body size:</b>		<b>Thread form</b>
<b>06</b> = 1/4" <b>19</b> = 3/4"		<b>G</b> = BSP P
<b>10</b> = 3/8" <b>25</b> = 1"		<b>Thread size based on dash system</b>
<b>12</b> = 1/2"		<b>04</b> = 1/4" <b>12</b> = 3/4"
<b>M</b> = Male coupling		<b>06</b> = 3/8" <b>16</b> = 1"
<b>F</b> = Female coupling		<b>08</b> = 1/2"

**DUST CAPS**  
**SEE PAGE 77**



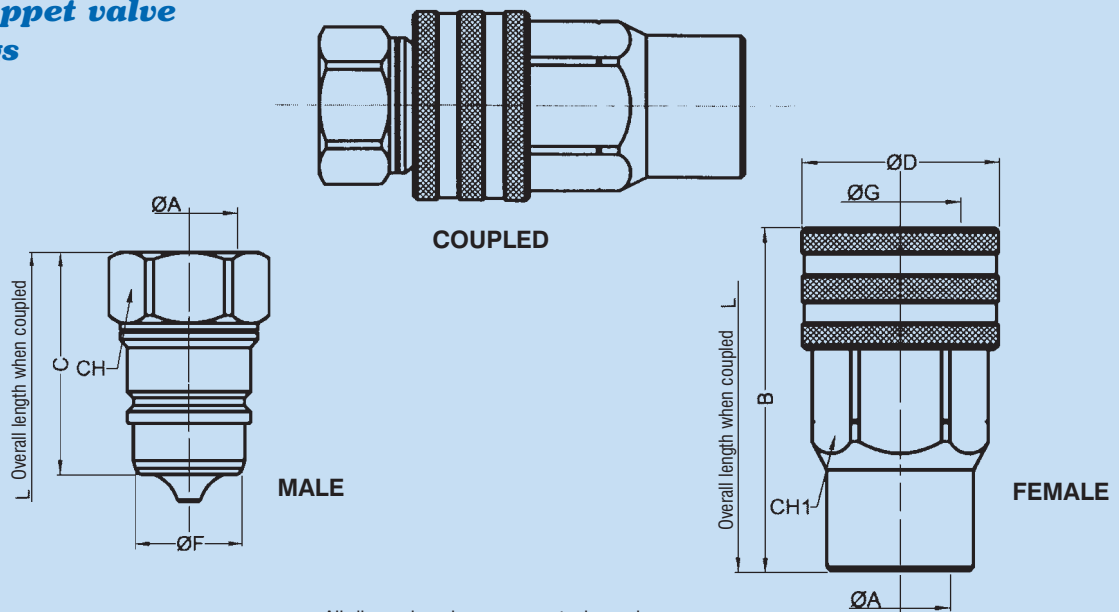
## INB ball valve couplings



All dimensions in mm except where shown

Size	Max Working pressure (bar)	ØA	B	C	CH	CH1	ØD	ØF	ØG	L
06	350	1/4"	53.5	36	19	22	27	14.15	16.9	73
10	300	3/8"	61	40.5	24	27	34	18.95	21.6	82
12	280	1/2"	63.5	46	27	30	38	20.5	23.8	88
19	250	3/4"	85	56	36	38	48	27.95	31.1	113
25	230	1"	96.5	63	41	45	55	31.3	34.6	127

## DIN V poppet valve couplings



All dimensions in mm except where shown

Size	Max Working pressure (bar)	ØA	B	C	CH	CH1	ØD	ØF	ØG	L
06	350	1/4"	53.5	36	19	22	27	14.15	16.9	73
10	300	3/8"	61	40.5	24	27	34	18.95	21.6	82
12	280	1/2"	63.5	46	27	30	38	20.5	23.8	88
19	250	3/4"	85	56	36	38	48	27.95	31.1	113
25	230	1"	96.5	63	41	45	55	31.3	34.6	127