

QRF/QRM ISO 'A' SERIES

ISO 'A' PULL BREAK HYDRAULIC COUPLINGS

1/4" - 2" Poppet Valve Types

Manufactured to ISO 7241 Series 'A'

Introduction

The Holmbury, ISO 'A' couplings are the right choice when a superior quality product is required for tough environments. They are perfectly suited to industrial and agricultural applications. A poppet valve is used to minimise the pressure drop characteristics and provide a positive sealing arrangement.

The Difference Between ISO 'A' & 'B'

ISO 'A' are:

- Smaller
- Easier to connect / disconnect

Benefits of Holmbury ISO 'B' Couplers

Positive, quick connection ensured by the snap together locking ball system.

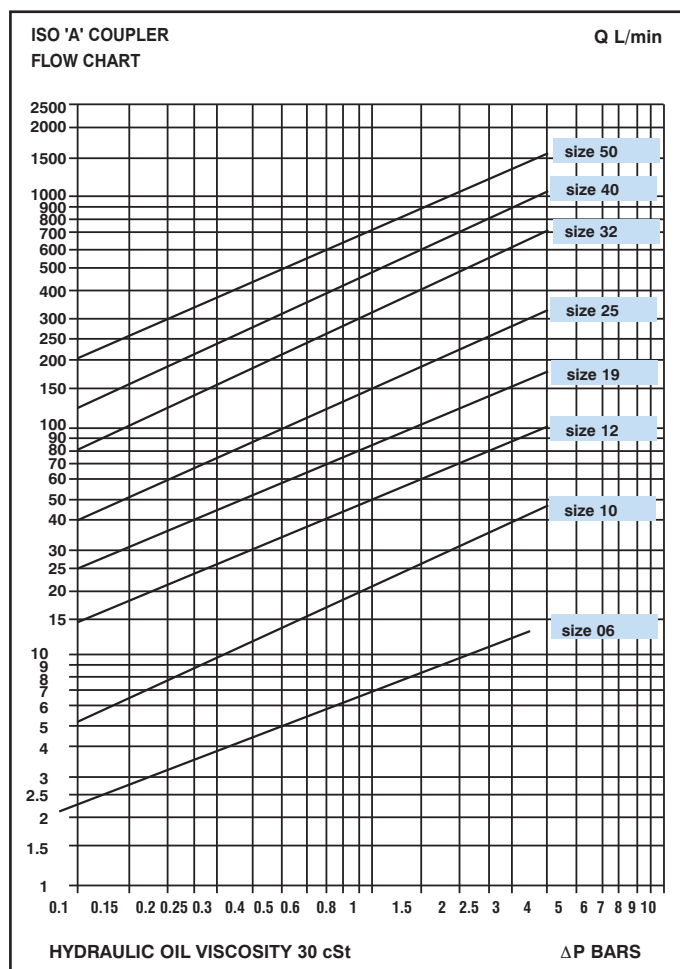
When connected the male and female halves can rotate, even under pressure, thus avoiding any torsional stress in the flexible hoses.

Designed to withstand high pressure peaks and pulses.

Poppet valves have balanced springs and calibrated oil flow passages to minimise the pressure drop.

- Poppet valve seals have shockproof protective edges.

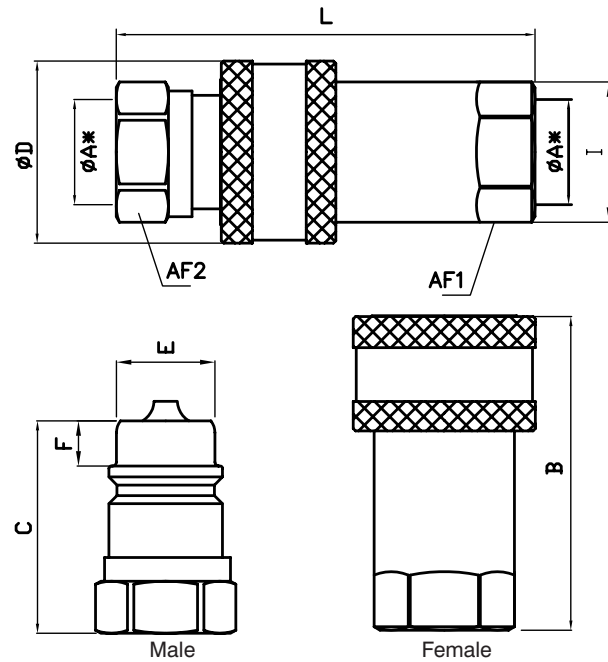
Pressure Drop Flow Chart



Construction

Heat treated carbon steel. NBR 'O' ringseals are fitted as standard.





Body Size	Nominal Diameter	Max Working Pressure (bar)	ØA*	AF1	AF2	B	C	ØD	E	F	L	I
06	6.3	350	1/4"	19	19	47	32	26	11.7	5.6	64.5	22
10	10	300	3/8"	22	22	56	38	31	17.2	8.9	76.5	24
12	12.5	250	1/2"	27	27	63	44.5	38	20.5	9.3	86	30
19	20	250	3/4"	38	36	82	55	48	29	16	111	44
25	25	230	1"	45	41	97	63	54	34.3	19.8	127	52
32	31.5	230	1 1/4"	55	50	117	75	65	45	25	151	56
40	40	190	1 1/2"	60	60	135	85	80	55	30.7	171	65.5
50	50	130	2"	75	75	160	100	100	65	35.1	201	83.5

A*=inch size BSP or NPT. Other dimensions in mm.

