

## HPA SERIES HIGH PRESSURE, BALL SEAL, SCREWED COUPLINGS

### INTRODUCTION

Holmbury High Pressure Ball Seal Screwed Couplings can be connected and disconnected even with a low residual hydraulic pressure in the line. The screw connection mechanism eliminates Brinelling (indentation of the locking balls into the retaining groove) and thus makes the couplings suitable for high pressures and pressure pulse applications. Two sizes are offered, 1/4" and 3/8" NPT.

### FEATURES

- ★ Compatible with all high pressure pump and cylinder manufacturers (Enerpac, SPX, Larzep and Hi-force)
- ★ Connection and disconnection can be performed even with low residual hydraulic pressure in the line.
- ★ Screw thread retaining mechanism eliminates Brinelling

### APPLICATIONS

General industrial equipment

### MATERIALS

Zinc plated carbon steel body material with nitrile seals and PTFE backing ring. Other seal materials available on request.

### TECHNICAL DETAILS

Maximum working pressure for both sizes of couplings is 700 bar. Working temperature range with nitrile seals is -20°C to +100°C

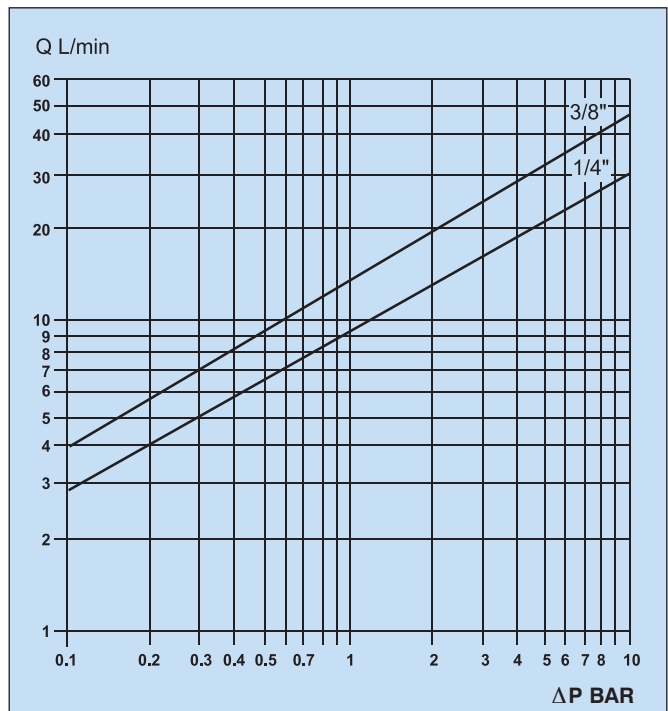


**ORDER CODES**

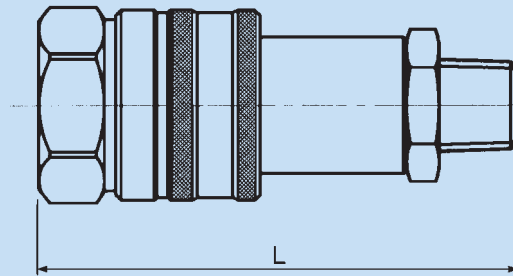
	*	HPA	**	NPT
M = male				
F = female				
Type & Size				
Thread - NPT				

**DUST CAPS - SEE PAGE 52**

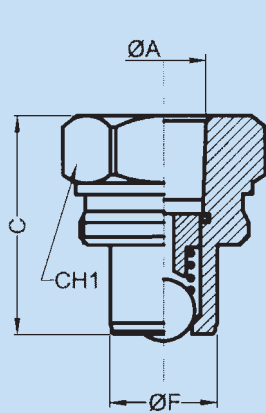
### PRESSURE DROP CHARACTERISTICS



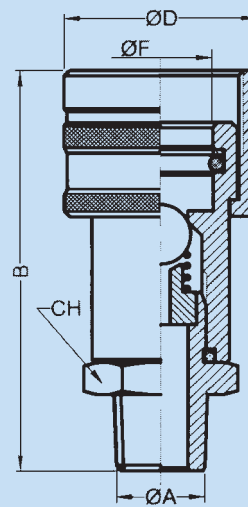
## HPA SERIES, HIGH PRESSURE, BALL SEAL, SCREWED COUPLINGS



Female and Male Coupled



Male



Female

### Male

PART NUMBER	ØA	C	CH1	L	ØF
M HPA 14 NPT	1/4" NPT	39	27	81	15.8
M HPA 38 NPT	3/8" NPT	39	32	87	18.9

### Female

PART NUMBER	ØA	ØD	B	CH	L	ØF
F HPA 14 NPT	1/4" NPT	30	60	19	81	16
F HPA 38 NPT	3/8" NPT	35	73.5	24	87	19