

High Pressure
Coupling
Typ GA90...
Up to 420 bar

High Pressure Coupling Type GA90...

Operating pressure up to 420 bar



Application

- Hydraulic systems and fluid transfer in construction industry, agriculture and forestry
- Dynamic high pressure applications e. g. hammer drill
- Operating pressure up to 420 bar in all sizes

Features

- Positive sealing at disconnection
- Minimum air inclusion and loss of fluid
- Standard body is Zinc plated steel
- Valve and back-up ring geometry optimized
- Detachable under pressure
- Threaded terminal connection
- Available in size -8, -12 and -16

Benefits

- Long life
- Exceeds ISO7241/ 1 requirements

EATON



Eaton Ltd.
Thorns Road
Brierley Hill
West Midlands DY5 2BQ, England
Tel.: +44 1384 426 323
Fax: +44 1384 426 325



Eaton Fluid Power GmbH
Dr.-Reckeweg-Str. 1
D-76532 Baden-Baden, Germany
Tel.: +49 7221 682 0
Fax: +49 7221 682 788



Eaton S.A.
28, rue des Granges Galand
BP 118
F-37551 Saint Avertin
Cédex, France
Tel.: +33 2 47 48 49 50
Fax: +33 2 47 48 49 00



Eaton Fluid Power S.r.l.
Via Cassanese, 224
Milano Oltre – Palazzo Caravaggio
I-20090 Segrate (Mi), Italy
Tel.: +39 02 26942.1
Fax: +39 02 26929360



Aeroquip Iberica S.A.
Via Complutense, 109
E-28805 Alcalá de
Henares (Madrid), Spain
Tel.: +34 91 877 0555
Fax: +34 91 888 2313

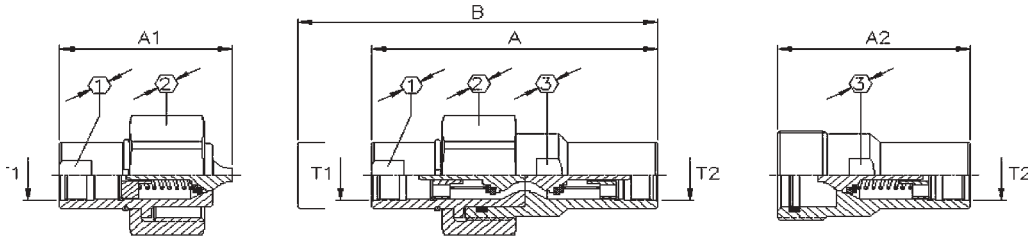
Internet:
<http://www.aeroquip.com>

E-mail:
infoindustry@eaton.com

March 2004 –esche–

High Pressure Coupling Typ GA90...

Operating pressure up to 420 bar



Metric Thread

Size	DN	Coupling	Thread T1 = T2	A	B	Hex 1	Hex 2	Hex 3
#	#	#	#	[mm]	[mm]	[mm]	[mm]	[mm]
- 8	12	GA90090-8	M22x1,5	89,1	105	27	41	27
-12	16	GA90090-12	M30x1,5	143,6	183	36	65	46
-16	20	GA90090-16	M38x1,5	163,7	196,7	50	75	55

Size	DN	Male Half	Female Half	A1	A2
#	#	#	#	[mm]	[mm]
- 8	12	GA90092-8	GA90091-8	45,7	59,4
-12	16	GA90092-12	GA90091-12	76,8	96,7
-16	20	GA90092-16	GA90091-16	61,7	115

UNF-Thread

Size	DN	Coupling	Thread T1 = T2	A	B	Hex 1	Hex 2	Hex 3
#	#	#	#	[mm]	[mm]	[mm]	[mm]	[mm]
- 8	12	GA90762-8	7/8-14UNF-2B	93,1	109	27	41	27
-12	16	GA90762-12	1 3/16-12UNF-2B	193,5	232,9	36	65	46

Size	DN	Male Half	Female Half	A1	A2
#	#	#	#	[mm]	[mm]
- 8	12	GA90764-8	GA90763-8	47,7	61,4
-12	16	GA90764-12	GA90763-12	86,8	106,7

BSP-Thread

Size	DN	Coupling	Thread T1 = T2	A	B	Hex 1	Hex 2	Hex 3
#	#	#	#	[mm]	[mm]	[mm]	[mm]	[mm]
- 8	12	GA90767-8	G 1/2"-14	99,1	115	27	41	27
-12	16	GA90767-12-16	G 1"-11	158,8	188,7	36	65	46
-16	20	GA90767-16-20	G 1 1/4"-11	163,7	196,7	50	75	55

Size	DN	Male Half	Female Half	A1	A2
#	#	#	#	[mm]	[mm]
- 8	12	GA90769-8	GA90768-8	50,7	64,4
-12	16	GA90769-12-16	GA90768-12-16	84,4	104,3
-16	20	GA90769-16-20	GA90768-16-20	81,7	115