



# AGB SERIES

## ISO 5675 AGRICULTURAL QUICK COUPLINGS BALL VALVE

The AGB Series Quick Couplings are designed to meet the ISO 5675 standard, providing a reliable and efficient solution for agricultural and industrial hydraulic systems. 1/2 size meets the ISO 7241 standard. interchangeable with Parker Pionner agricultural quick couplings. Ball valve usually used in old agricultural equipments.

## Series AGB // Carbon Steel

Material	Carbon Steel
Surface Finishing	Zinc-Nickel, Zinc-Plating
Standard Seal Material(s)	NBR (Buna-N®) <sup>2</sup>
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Valve Design	Ball Valve
Connection	Push and actuate Push Sleeve
Disconnection	Actuate Push Sleeve
Connect Under Pressure	not allowed
Application	Agricultural, Mobile, Construction
ISO Interchange	Only 1/2" Size, ISO 5675

<sup>2</sup> Alternative seal materials are available on request.

## Features

- 1/2" size accepts ISO 5675 universal tips
- Basic operation where coupler sleeve is manually retracted to allow connection with male tip
- Critical parts are hardened
- Ball and poppet valve options
- Protective zinc plating

## Applications

- Agricultural
- Hydraulic Loaders
- Add-on hydraulic circuits
- general industrial

# Technical Data

Series	DN Inch	DN Metric	Q <sub>max</sub>		Working Pressure		bursting pressure coupled		female body		male tip		spillage ml
			l/min	US GPM	bar	psi	bar	psi	bar	psi	bar	psi	
AGB-06	1/4"	6,3	18	4.76	400	5081	1700	24656	1400	20305	1600	23206	1
AGB-10	3/8"	10	34.5	9.11	350	5076	1500	21756	1400	20305	1400	20305	2.4
AGB-12	1/2"	12,5	67.5	17.83	250	3626	1520	22046	1250	18130	1000	14504	2.7
AGB-19	3/4"	19	159	42.0	250	3626	1000	14504	1000	14504	750	10878	8.6
AGB-25	1"	25	378	99.86	250	3626	1000	14504	1000	14504	750	10878	13

# Flow Characteristics







