

# Technical Data

## Metal Fittings > Spherical



### DESCRIPTION

#### Application

- Mobile systems, agriculture and build-sites

#### Specifics

- Maximum working pressure: 10 bar
- Steel made
- High thickness hot galvanizing protection
- Hydraulic seal by rubber o-ring

#### Features

- Easy building of pressure hydraulic systems
- Removable and easy to transport
- Excellen hydraulic seal and resistance to pressure
- Complete range of models and diameters

#### Materials

- Body and lockings: galvanized steel
- Seal: NBR o-ring




Female hose adaptor galvanized ball coupling half			Male hose adaptor galvanized ball coupling half			Female threaded galvanized ball coupling half			Male threaded galvanized ball coupling half		
Ø	Code	PN	Ø	Code	PN	Ø	Code	PN	Ø	Code	PN
60 mm	AGF001	10	60 mm	AGM001	10	60 mm x 2"	ASZ003	10	60 mm x 2"	ASZ016	10
80 mm	AGF002	10	80 mm	AGM002	10	80 mm x 2 1/2"	ASZ006	10	80 mm x 2 1/2"	ASZ014	10
100 mm	AGF003	10	100 mm	AGM003	10	80 mm x 3"	ASZ004	10	80 mm x 3"	ASZ015	10
120 mm	AGF004	10	120 mm	AGM004	10	100 mm x 3"	ASZ101	10	100 mm x 3"	ASZ012	10
150 mm	AGF005	10	150 mm	AGM005	10	100 mm x 4"	ASZ005	10	100 mm x 4"	ASZ018	10
						120 mm x 4"	ASZ002	10	120 mm x 4"	ASZ013	10
						120 mm x 5"	ASZ007	10	120 mm x 5"	ASZ019	10
						150 mm x 4"	ASZ690	10	150 mm x 4"	ASZ689	10
						150 mm x 5"	ASZ696	10	150 mm x 5"	ASZ695	10
						150 mm x 6"	ASZ692	10	150 mm x 6"	ASZ691	10




90° M/F spherical bend			45° M/F spherical bend			Spherical female flanged galvanized ball coupling half			Spherical male flanged galvanized ball coupling half		
Ø	Code	PN	Ø	Code	PN	Ø	Code	PN	Ø	Code	PN
60 mm	ACZ001	10	60 mm	ACZ050	10	60 x DN65	ASZ901	10	60 mm x DN65	ASZ890	10
80 mm	ACZ002	10	80 mm	ACZ051	10	80 mm x DN80	ASZ900	10	80 mm x DN80	ASZ893	10
100 mm	ACZ003	10	100 mm	ACZ052	10	100 mm x DN100	ASZ902	10	100 mm x DN100	ASZ894	10
120 mm	ACZ004	10	120 mm	ACZ053	10	120 mm x DN120	ASZ903	10	100 mm x DN150	ASZ881	10
150 mm	ACZ005	10	150 mm	ACZ054	10	120 mm x DN150	ASZ882	10	120 mm x DN125	ASZ895	10
						150 mm x DN150	ASZ904	10	150 mm x DN150	ASZ896	10




Galvanized ball coupling half M deriv. M			Galvanized ball coupling half F deriv. M			M/F spherical double bend			M/F 90° spherical derivation		
Ø	Code	PN	Ø	Code	PN	Ø	Code	PN	Ø	Code	PN
80 mm x 3" x 1"	ASZ050	10	80 mm x 3" x 1"	ASZ060	10	60 mm	ACD001	10	60 mm	ADS150	10
100 mm x 4" x 3/4"	ASZ051	10	100 mm x 4" x 3/4"	ASZ061	10	80 mm	ACD002	10	80 mm	ADS151	10
120 mm x 4" x 1"	ASZ057	10	120 mm x 4" x 1"	ASZ067	10	100 mm	ACD003	10	100 mm	ADS152	10
						120 mm	ACD004	10	120 mm	ADS149	10
						150 mm	ACD005	10	150 mm	ADS154	10

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Spherical derivation bend M/F		Spherical reduction		Female spherical plug	
					
Ø	Code	Ø	Code	Ø	Code
60 mm	ADS155	120 mm F x 100 mm M	ARD003	60 mm	ATP001
80 mm	ADS156	120 mm M x 100 mm F	ARD009	80 mm	ATP002
100 mm	ADS157	150 mm F x 120 mm M	ARD006	100 mm	ATP003
120 mm	ADS158	100 mm M x 80 mm F	ARD033	120 mm	ATP004
150 mm	ADS159	100 mm M x 80 mm M	ARD032	150 mm	ATP005
		150 mm M x 120 mm F	ARD005		

Spherical male foot valve			Vertical galvanized offtake sp.M x flange x sp.F		Spherical fittings rubber seals		
							
Ø	Code	PN	Ø	Code	Ø	Code	PN
60 mm	AVF001	10	sf.M150 x DN150 x sf.F150	ADS302	60 mm	AGS001	10
80 mm	AVF002	10			80 mm	AGS002	10
100 mm	AVF003	10			100 mm	AGS003	10
120 mm	AVF004	10			120 mm	AGS004	10
150 mm	AVF005	10			150 mm	AGS005	10

Intake hose (2 mt bars) with M/F fittings				Aspiration rubber hose (2 mt bars)				
				with M/F fittings		with F/F fittings		
								
Ø	Code	PN	Box	Ø	Code	Box	Code	Box
60 mm	TG0114	15	1 x 2 mt + racc	60 mm	TG0050	1 x 2 mt + racc	TG0020	1 x 2 mt + racc
80 mm	TG0115	15	1 x 2 mt + racc	80 mm	TG0051	1 x 2 mt + racc	TG0021	1 x 2 mt + racc
100 mm	TG0116	15	1 x 2 mt + racc	100 mm	TG0052	1 x 2 mt + racc	TG0022	1 x 2 mt + racc
120 mm	TG0117	15	1 x 2 mt + racc	120 mm	TG0053	1 x 2 mt + racc	TG0023	1 x 2 mt + racc
150 mm	TG0118	15	1 x 2 mt + racc	150 mm	TG0054	1 x 2 mt + racc	TG0024	1 x 2 mt + racc