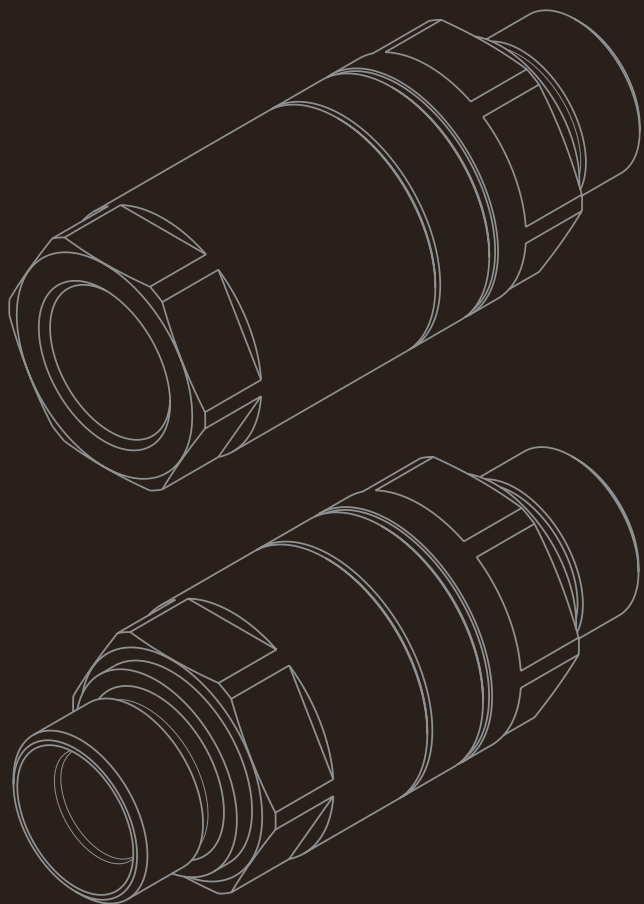




SWIVEL CONNECTORS



ALFAGOMMA

// SWIVEL CONNECTOR

ALFAGOMMA has removed the damage caused by twisted hoses

ALFAGOMMA state-of-the-art swivel connectors range is specifically designed to withstand the most severe working conditions and to ensure the best performances in the harshest environments up to 410 bar operating pressure.

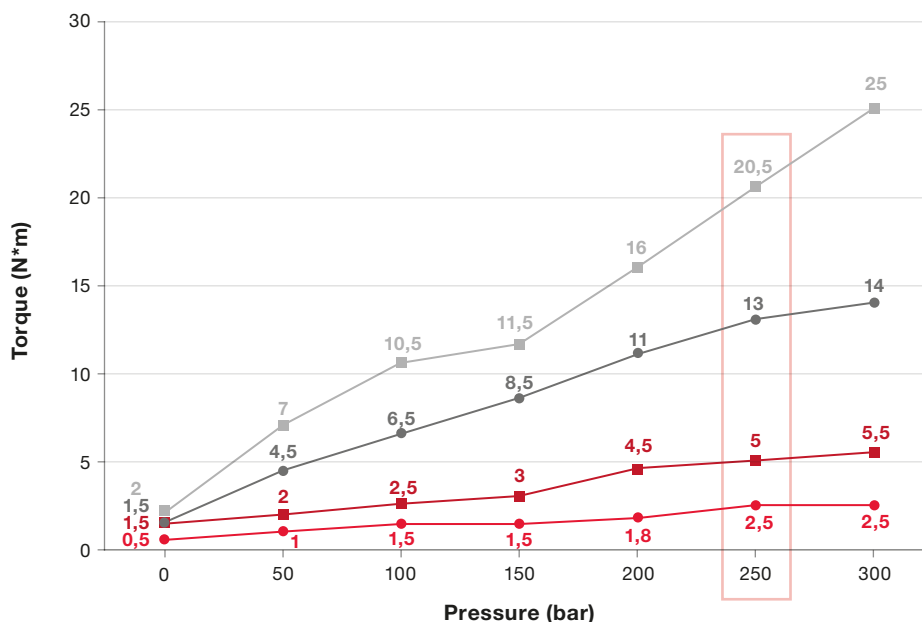
Its innovative ball bearing-less swivel system guarantees long lasting reliability to the hydraulic system, increasing productivity without fluid leakages.

The ball bearing-less inner mechanism ensures a consistent rotary movement within the system and prevents damaging torsions to the hose.

The result is an increase in components service life and lower operating costs due to easier & inexpensive maintenance.

ALFAGOMMA swivel connectors have a compact design, which makes them suitable for use in the smallest of spaces. Thanks to our exclusive TOP COAT – Galvanic Coating – proprietary technology, the complete range of ALFAGOMMA swivel connectors can boast an outstanding wear and corrosion resistance, so as to guarantee a longer lifespan to your hydraulic system.

Swivel Connector rotating torque comparison chart: ALFAGOMMA *versus* Competitor



**Dash -08
at 250 bar
5 times better
than Competitor**

**Dash -12
at 250 bar
4 times better
than Competitor**

- ALFAGOMMA (dash -08)
- Competitor (dash -08)
- ALFAGOMMA (dash -12)
- Competitor (dash -12)

// SWIVEL CONNECTOR

MAIN BENEFITS AT A GLANCE

- ▲ INCREASED SERVICE LIFE
- ▲ CUT OUT FLUID LEAKAGES
- ▲ HIGHER EFFICIENCY
- ▲ EASIER & INEXPENSIVE MAINTENANCE
- ▲ TOP LEVEL OPERATING PERFORMANCE UP TO 410 BAR (6.000 PSI)
- ▲ OUTSTANDING WEAR AND CORROSION RESISTANCE THANKS TO TOP COAT PROPRIETARY TECHNOLOGY

PRODUCT FEATURES

Body material: high strength carbon steel with TOP COAT surface protection

Seal material: HNBR and PTFE

Working pressure:

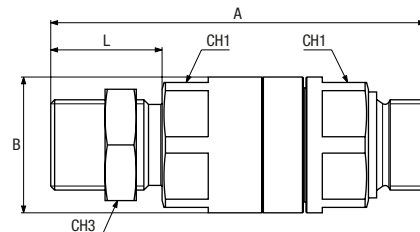
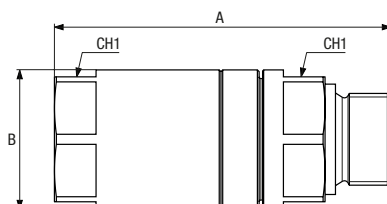
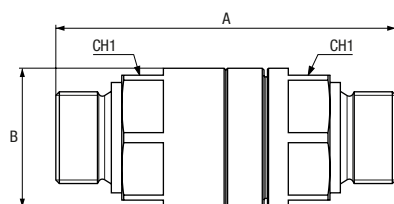
- 410 bar up to 1 1/4" (6.000 psi up to 1 1/4")
- 310 bar 1 1/2" (4.500 psi 1 1/2")
- 210 bar 2" (3.000 psi 2")

Safety factor: 4:1

Temperature: -35 °C +120 °C (-31 °F +248 °F)

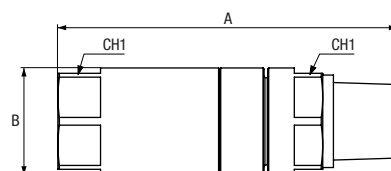
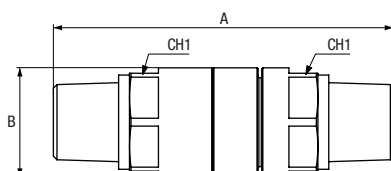


A COMPLETE RANGE OF PRODUCTS TO MEET OUR CUSTOMERS' NEEDS



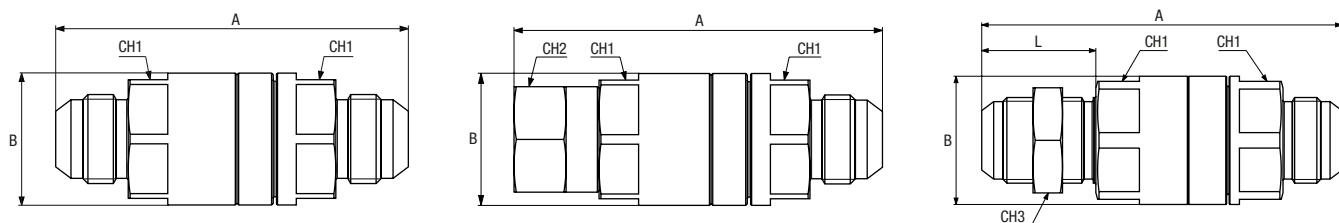
// Swivel Connector **BSPP**

Item Code				ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm	CH3 mm	L mm
	Dash	DN	inch									
1233377	-6	10	3/8	10	M BSPP 60° 06	M BSPP 60° 06	3/8 -19	86	30	27	-	-
1233378	-8	13	1/2	10	M BSPP 60° 08	M BSPP 60° 08	1/2 -14	86	30	27	-	-
1233379	-12	19	3/4	16	M BSPP 60° 12	M BSPP 60° 12	3/4 -14	104	46	41	-	-
1233380	-16	25	1	22	M BSPP 60° 16	M BSPP 60° 16	1 -11	119	56	50	-	-
1234983	-20	32	1 1/4	22	M BSPP 60° 20	M BSPP 60° 20	1 1/4 -11	119	56	50	-	-
1233381	-24	38	1 1/2	32	M BSPP 60° 24	M BSPP 60° 24	1 1/2 -11	157	75	70	-	-
1233382	-32	51	2	45	M BSPP 60° 32	M BSPP 60° 32	2 -11	176	95	85	-	-
1235068	-6	10	3/8	10	F BSPP 06	M BSPP 60° 06	3/8 -19	87,5	30	27	-	-
1233383	-8	13	1/2	10	F BSPP 08	M BSPP 60° 08	1/2 -14	90	30	27	-	-
1233384	-12	19	3/4	16	F BSPP 12	M BSPP 60° 12	3/4 -14	103	46	41	-	-
1233385	-16	25	1	22	F BSPP 16	M BSPP 60° 16	1 -11	119	56	50	-	-
1234984	-20	32	1 1/4	22	F BSPP 20	M BSPP 60° 20	1 1/4 -11	119	56	50	-	-
1240261	-24	38	1 1/2	32	F BSPP 60° 24	M BSPP 60° 24	2 -11	157	75	70	-	-
1233386	-6	10	3/8	10	M BH BSPP 60° 06	M BSPP 60° 06	3/8 -19	105,5	30	27	22	31
1233387	-8	13	1/2	10	M BH BSPP 60° 08	M BSPP 60° 08	1/2 -14	108,5	30	27	27	34
1233388	-12	19	3/4	16	M BH BSPP 60° 12	M BSPP 60° 12	3/4 -14	129	46	41	36	37
1233389	-16	25	1	22	M BH BSPP 60° 16	M BSPP 60° 16	1 -11	143	56	50	41	41
1233390	-24	38	1 1/2	32	M BH BSPP 60° 24	M BSPP 60° 24	1 1/2 -11	188	75	70	55	49



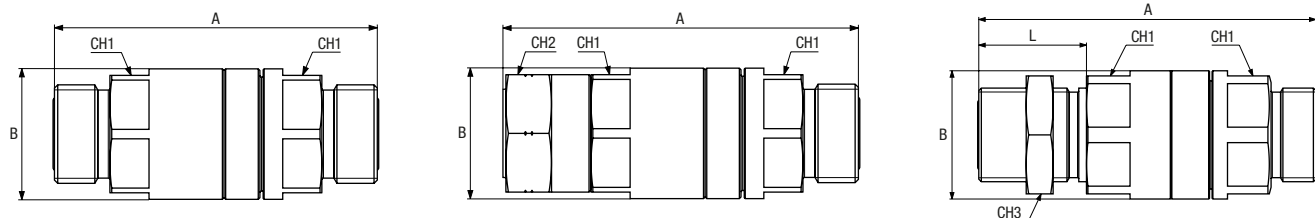
// Swivel Connector **NPTF**

Item Code				ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm
	Dash	DN	inch							
1233816	-8	13	1/2	10	M NPTF 08	M NPTF 08	1/2 -14	94	30	27
1233817	-8	13	1/2	10	F NPTF 08	M NPTF 08	1/2 -14	95,5	30	27



// Swivel Connector JIC

Item Code				ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm	CH2 mm	CH3 mm	L mm
	Dash	DN	inch										
1233391	-8	13	1/2	10	M JIC 08	M JIC 08	3/4 -16 UNF	93,5	30	27	-	-	-
1233392	-10	16	5/8	16	M JIC 10	M JIC 10	7/8 -14 UNF	113	46	41	-	-	-
1233393	-12	19	3/4	16	M JIC 12	M JIC 12	1 1/16 -12 UN	118	46	41	-	-	-
1233394	-16	25	1	22	M JIC 16	M JIC 16	1 5/16 -12 UN	127,5	56	50	-	-	-
1233395	-8	13	1/2	10	F JIC 08	M JIC 08	3/4 -16 UNF	100	30	27	25	-	-
1233396	-10	16	5/8	16	F JIC 10	M JIC 10	7/8 -14 UNF	121,2	46	41	27	-	-
1233397	-12	19	3/4	16	F JIC 12	M JIC 12	1 1/16 -12 UN	122,8	46	41	32	-	-
1233398	-16	25	1	22	F JIC 16	M JIC 16	1 5/16 -12 UN	137,1	56	50	38	-	-
1233399	-8	13	1/2	10	M BH JIC 08	M JIC 08	3/4 -16 UNF	114	30	27	-	24	36,5
1233400	-10	16	5/8	16	M BH JIC 10	M JIC 10	7/8 -14 UNF	134	46	41	-	30	40
1233401	-12	19	3/4	16	M BH JIC 12	M JIC 12	1 1/16 -12 UN	141	46	41	-	36	44,5
1233402	-16	25	1	22	M BH JIC 16	M JIC 16	1 5/16 -12 UN	148,9	56	50	-	41	44,5



// Swivel Connector ORFS

Item Code				ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm	CH2 mm	CH3 mm	L mm
	Dash	DN	inch										
1233403	-8	13	1/2	10	M ORFS 08	M ORFS 08	13/16 -16 UN	84,5	30	27	-	-	-
1233404	-10	16	5/8	16	M ORFS 10	M ORFS 10	1 -14 UNS	104	46	41	-	-	-
1233405	-12	19	3/4	16	M ORFS 12	M ORFS 12	1 3/16 -12 UN	107	46	41	-	-	-
1233406	-16	25	1	22	M ORFS 16	M ORFS 16	1 7/16 -12 UN	118,5	56	50	-	-	-
1233407	-8	13	1/2	10	F ORFS 08	M ORFS 08	13/16 -16 UN	95	30	27	27	-	-
1233408	-10	16	5/8	16	F ORFS 10	M ORFS 10	1 -14 UNS	116,1	46	41	30	-	-
1233409	-12	19	3/4	16	F ORFS 12	M ORFS 12	1 3/16 -12 UN	120	46	41	36	-	-
1233410	-16	25	1	22	F ORFS 16	M ORFS 16	1 7/16 -12 UN	130	56	50	41	-	-
1233411	-8	13	1/2	10	M BH ORFS 08	M ORFS 08	13/16 -16 UN	108,5	30	27	-	30	36,5
1233412	-10	16	5/8	16	M BH ORFS 10	M ORFS 10	1 -14 UNS	126,5	46	41	-	36	40,5
1233413	-12	19	3/4	16	M BH ORFS 12	M ORFS 12	1 3/16 -12 UN	129	46	41	-	41	41,5
1233414	-16	25	1	22	M BH ORFS 16	M ORFS 16	1 7/16 -12 UN	142	56	50	-	46	42

// PROVIDING EXCELLENCE AND RELIABILITY

ALFAGOMMA

Developing cutting-edge technology and innovative solutions. Supplying top quality products worldwide. These are the pillars on which ALFAGOMMA's success has been built since 1956. Today, ALFAGOMMA plays a leading role in the industrial and hydraulic rubber hoses segment, with a worldwide presence spread across 21 countries.

The Group has been providing top quality products for 60 years and it has always been known for its excellent technical department: a strong commitment to quality and control design that is reflected in the ALFAGOMMA Group's state-of-the-art product portfolio, which also include adapters and swivel connectors.



16

MANUFACTURING
PLANTS

79

SUBSIDIARIES
AND ASSEMBLY PLANTS

ISO

QUALITY
CERTIFICATION

3.000

EMPLOYEES
AROUND THE WORLD



HEADQUARTER

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