// 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.

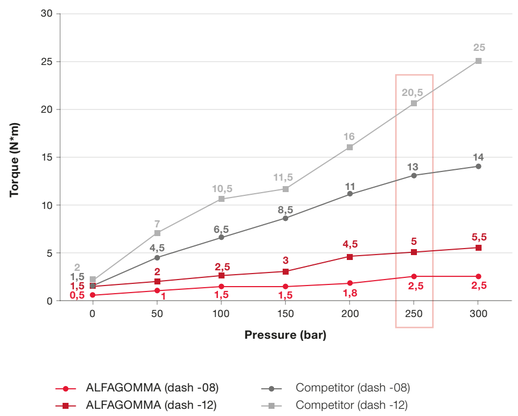
Its innovative ball bearing-less swivel system guarantees long lasting reliability to the hydraulic system, increasing productivity without fluid leakages.

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

// PROVIDING EXCELLENCE AND RELIABILITY

The ALFAGOMMA Group, established in 1956, is a global manufacturer specialized in highly engineered, complex hydraulic and industrial products, created with a commitment to excellence in quality and innovation.

// GLOBAL PRESENCE AND LOGISTIC SUPPORT

The ALFAGOMMA Group currently employs over 3000 people worldwide in 19 Production Plants and 85 Regional Distribution – Assembly Centers strategically located in:

EUROPE
// Italy
// Denmark
// Estonia
// Finland
// France
// Germany
// Greece
// Netherland
// Norway
// Sweden
// UK

AMERICAS
// Brazil
// Canada
// USA

ASIA & PACIFIC
// Australia
// China
// Indonesia
// Malaysia
// Singapore
// South Korea

AFRICA
// South Africa

MANUFACTURING PLANTS	SUBSIDIARIES AND ASSEMBLY PLANTS	QUALITY CERTIFICATION	EMPLOYEES
19	**85**	**ISO**	**3.000**
IN 8 COUNTRIES ITALY – FINLAND GERMANY – GREAT BRITAIN BRAZIL – USA CHINA – MALAYSIA	IN 21 COUNTRIES AND 5 CONTINENTS	ISO 9001 SINCE 1993 ISO 14001 SINCE 1999	AROUND THE WORLD

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Jasperintie 320
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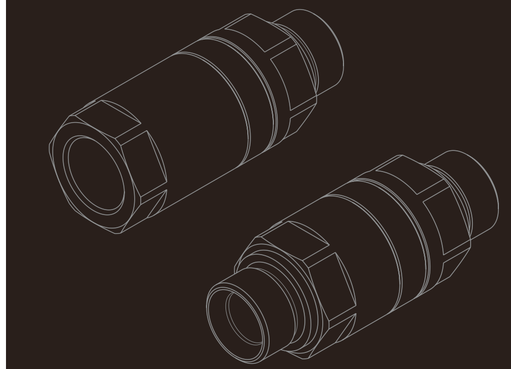
Tel +358 (0) 207 625 600 – Fax +358 (0) 207 625 603
info@dunlophiflex.fi – www.dunlophiflex.fi

60 YEARS SINCE 1956

ALFAGOMMA GROUP



SWIVEL CONNECTORS

// SWIVEL CONNECTOR

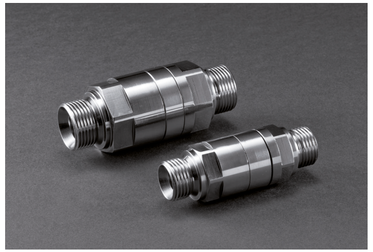
MAIN BENEFITS AT A GLANCE

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

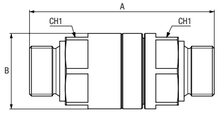
PRODUCT FEATURES

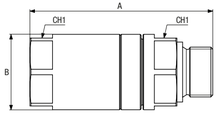
Body material: high strength carbon steel with TOP COAT surface protection
Seal material: HNBR and PTFE
Working pressure:
- 410 bar up to 1 1/4" (6.000 psi up to 1 1/4")
- 310 bar 1 1/2" (4.500 psi 1 1/2")
- 210 bar 2" (3.000 psi 2")

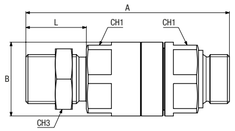
Safety factor: 4:1
Temperature: -35 °C +120 °C (-31 °F +248 °F)



A COMPLETE RANGE OF PRODUCTS TO MEET OUR CUSTOMERS' NEEDS

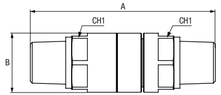


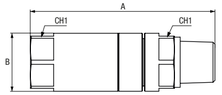




// Swivel Connector **BSPP**

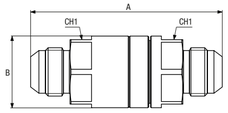
SAP	Item Code	Dash	DN	inch	ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm	CH3 mm	L mm
1233377	25-RJU-BSP-06	-6	10	3/8	10	M BSPP 60° 06	M BSPP 60° 06	3/8 -19	86	30	27	-	-
1233378	25-RJU-BSP-08	-8	13	1/2	10	M BSPP 60° 08	M BSPP 60° 08	1/2 -14	86	30	27	-	-
1233379	25-RJU-BSP-12	-12	19	3/4	16	M BSPP 60°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

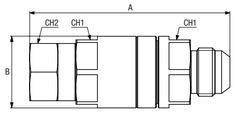


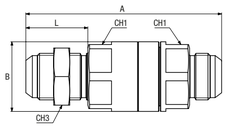


// Swivel Connector **NPTF**

SAP	Item Code	Dash	DN	inch	ID mm	Port 1	Port 2	Thread inch	A mm	B mm	CH1 mm
1233816	25-RJU-NPTF-08	-8	13	1/2	10	M NPTF 08	M NPTF 08	1/2 -14	94	30	27
1233817	25-RJS-NPTF-08	-8	13	1/2	10	F NPTF 08	M NPTF 08	1/2 -14	95,5	30	27

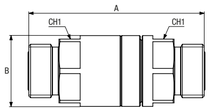


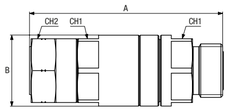


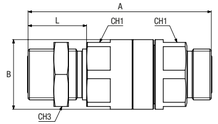


// Swivel Connector **JIC**

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

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