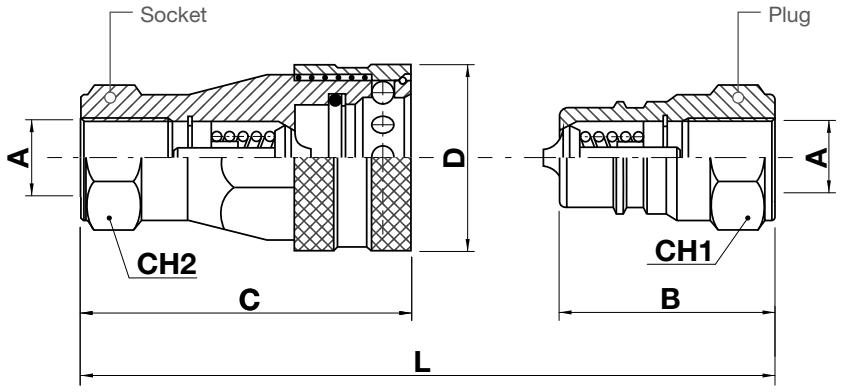
A

Ball locking coupling

ISO 7241-A



QUICK R. COUPLING
POPPET/BALL VALVE
FLAT FACE
SPECIAL APP.
SWIVEL JOINT
HYDRAULIC VALVE

size	Ø DN		code		Ø A	B		C		Ø D		L		CH1		CH2	
	mm	inch	plug	socket		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
			AM10-04	AF10-04	1/4" BSP												
04	6	1/4"	AM15-04	AF15-04	1/4" NPTF	35	1,38	47	1,85	25	0,98	71	2,80	19	0,75	19	0,75
			AM18-04	AF18-04	1/4" BSPT												
			AM10-06	AF10-06	3/8" BSP												
06	10	3/8"	AM15-06	AF15-06	3/8" NPTF	39	1,54	58	2,28	31	1,22	79,5	3,13	22	0,87	24	0,94
			AM18-06	AF18-06	3/8" BSPT												
			AM10-08	AF10-08	1/2"BSP												
08	12	1/2"	AM15-08	AF15-08	1/2"NPTF	46	1,81	67,5	2,66	38	1,50	92	3,62	27	1,06	30	1,18
			AM18-08	AF18-08	1/2"BSPT												
			AM10-12	AF10-12	3/4"BSP												
12	20	3/4"	AM15-12	AF15-12	3/4"NPTF	54	2,13	81	3,19	46	1,81	108	4,25	34	1,34	38	1,50
			AM18-12	AF18-12	3/4"BSPT												
			AM10-16	AF10-16	1"BSP												
16	25	1"	AM15-16	AF15-16	1"NPTF	62	2,44	96	3,78	55	2,17	124	4,88	41	1,61	45	1,77
			AM18-16	AF18-16	1"BSPT												
			AM10-20	AF10-20	1.1/4"BSP												
20	32	1.1/4"	AM15-20	AF15-20	1.1/4"NPTF	75	2,95	117	4,61	65	2,56	151	5,94	55	2,17	50	1,97
			AM18-20	AF18-20	1.1/4"BSPT												
			AM10-24	AF10-24	1.1/2"BSP												
24	38	1.1/2"	AM15-24	AF15-24	1.1/2"NPTF	85	3,35	135	5,31	80	3,15	171	6,73	60	2,36	60	2,36
			AM18-24	AF18-24	1.1/2"BSPT												
			AM10-32	AF10-32	2"BSP												
32	50	2"	AM15-32	AF15-32	2"NPTF	100	3,94	160	6,30	100	3,94	201	7,91	75	2,95	75	2,95
			AM18-32	AF18-32	2"BSPT												

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← A

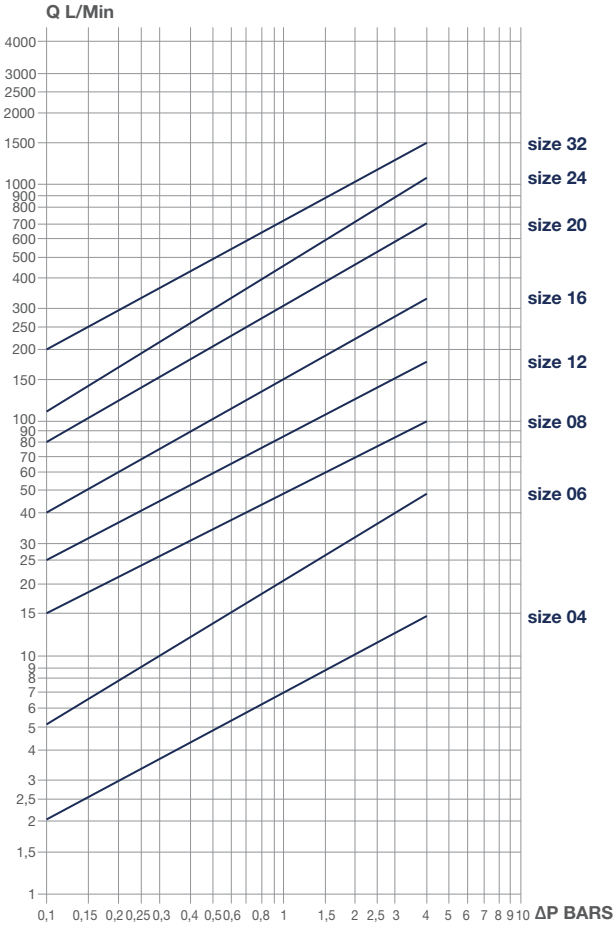
MAIN DATA

- Standard material: steel;
- Plugs treated with induction hardening;
- Internal valves in hardened steel;
- Standard seals in nitril rubber;
- Back-up seals in teflon;
- Working temperature with standard nitril seals: -20 °C / +110 °C.

On request

- Special seals: Viton, EPDM, Neoprene;
- Special 1/2” plug and socket for connection in presence of residual back pressure.

PRESSURE DROP GRAPH



FLUID: HYDRAULIC OIL SAE 10W **- TEMPERATURE:** 50 °C **- VISCOSITY:** 3 E°

QUICK R. COUPLING
POPPET/BALL VALVE
FLAT FACE
SPECIAL APP.
SWIVEL JOINT
HYDRAULIC VALVE

PERFORMANCES

size	Ø DN		maximum working pressure		burst pressure		weight			
							plug		socket	
	mm	inch	bar	psi	bar	psi	kg	lbs	kg	lbs
04	6	1/4"	350	5075	1400	20300	0,05	0,11	0,08	0,18
06	10	3/8"	315	4567	1260	18270	0,06	0,13	0,15	0,33
08	12	1/2"	250	3625	1000	14500	0,09	0,20	0,27	0,60
12	20	3/4"	250	3625	1000	14500	0,19	0,42	0,47	1,04
16	25	1"	230	3335	920	13340	0,27	0,60	0,72	1,59
20	32	1.1/4"	230	3335	920	13340	0,60	1,32	1,25	2,76
24	38	1.1/2"	190	2755	760	11020	0,90	1,98	2,10	4,63
32	50	2"	130	1885	520	7540	1,45	3,20	4,15	9,15

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