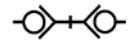


HIGH PRESSURE - quick release couplings

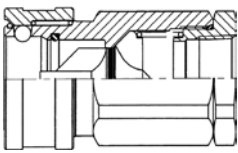
Couplings according to ISO-B standard

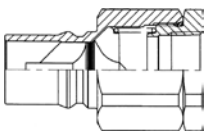



HANSEN (1.1/4" ÷ 2")

- Standard:** ISO 7241-1 B (except size 1.1/4")
Applications: Hydraulics (hydraulic oil), Industrial (water, steam, fuel, oil, gas and chemicals).
Working press.: Up to 150 bar (safety factor 4:1)
Material: Brass, galvanized steel, stainless steel
Seal: NBR (from -40°C up to +120°C) - standard
 Viton (from -25°C up to +205°C) - option
 EPDM (from -45°C up to +150°C) - option
Advantages: According to 97/23/WE: module A

Quick release couplings designed and manufactured according to PED (Pressure Equipment Directive) 97/23/WE: Module A. Depending on application, the material and seal of a quick release coupling must be chosen. Interchangeable with ISO-B quick release couplings of different producers. For pulsating pressure in disconnected couplings, the maximum working pressure must be reduced by 50%.

Socket 	size [inch]	female thread [inch]	code		
			brass	galvanized steel	AISI 303
	1.1/4	1.1/4 BSP	HA-B10H41BS	HA-10H41BS	HA-LL10H41BS
		1.1/4 NPT	HA-B10H41	HA-10H41	HA-LL10H41
	1.1/2	1.1/2 BSP	HA-B12H46BS	HA-12H46BS	HA-LL12H46BS
		1.1/2 NPT	HA-B12H46	HA-12H46	HA-LL12H46
	2	2 BSP	HA-B20H51BS	HA-20H51BS	HA-LL20H51BS
		2 NPT	HA-B20H51	HA-20H51	HA-LL20H51

Plug 	size [inch]	female thread [inch]	code		
			brass	galvanized steel	AISI 303
	1.1/4	1.1/4 BSP	HA-B10K41BS	HA-10K41BS	HA-LL10K41BS
		1.1/4 NPT	HA-B10K41	HA-10K41	HA-LL10K41
	1.1/2	1.1/2 BSP	HA-B12K46BS	HA-12K46BS	HA-LL12K46BS
		1.1/2 NPT	HA-B12K46	HA-12K46	HA-LL12K46
	2	2 BSP	HA-B20K51BS	HA-20K51BS	HA-LL20K51BS
		2 NPT	HA-B20K51	HA-20K51	HA-LL20K51

Blank plug/cap 	size [inch]	material	code	
			socket blank plug	plug blank cap
	1.1/2"	aluminium	HA-SDC12HK	HA-PDC12HK
	2"		HA-SDC20HK	HA-PDC20HK

Operating parameters

size [inch]	working pressure [bar]			flow rate at Δp = 3 bar [l/min]
	brass	galvanized steel	stainless steel	
3/16	207	275	344	13
1/4	186	345	255	29
3/8	152	275	255	50
1/2	155	345	293	84
3/4	138	275	242	188
1	103	275	207	272
1.1/4	83 (37)*	200 (37)*	118 (37)*	442
1.1/2	104 (29)*	150 (29)*	152 (29)*	631
2	49 (21)*	100 (21)*	104 (21)*	1314

* - maximum working pressure for hazardous fluids