

Data sheet Quick connect coupling

Series 13

				Quick	conne	ect c	oupling			
Coupling: 13KA Plug: 13						SF			DN: 7,5 = 45 mm ²	
Working pressure (static): 0 up to 35 bar										
Working temperature: -20°C up to +100°C (depending on the seal material and medium)										
Single shut of Double shut Straight throu Self venting Safety lock Dry Break Materials: Back body	off		Single hand operation Two hand operation Ball locking system Pin locking system Coupling anti-splash Plug anti-splash Standard Brass				Pipe-va U-Cup- O-Ring Version Nickel plated Brass, nickel plated		o-Seal	
Ğ			Brass Brass Brass AISI 301 AISI 420 Buna N Steel, hardened, nickel plated			Brass, nickel plated Brass, nickel plated Brass AISI 301 AISI 420 Buna N Steel, hardened, nickel plate		ed		
Description: The series 13 is based on the series 26. Unlike the disposalble couplings common on the asian market, it is made of brass and offers practical single hand operation. The series 13 can be used for many applications e. g. air tools, automotive, compressed air, mechanical engineering, compressors. Interchangeability: NITTO-KOHKI 200, CEJN 315, RECTUS 03										
Versions / s seal material surface nicke oil and greas	pecial equal Viton, Kalı el plated, cl	uipment (in prez, Ethylen- rez, Ethylen- nrome platec	part not fo	or all version	s, others	upon I	request):			
Test values			the versi	on):						
Flow-rate air: 1040 l/min at 6 bar inlet pressure and 0,5 bar pressure drop Flow-rate water: 16 l/min at 0,5 bar pressure drop										
Vacuum coupling: Vacuum plug: Vacuum connected:		min %				Neight coupling: Neight plug: Leakage rate / dead volume:		app. 82 g app. 26 g app ml		
Connecting force: Disconnecting force:							at 6 bar inlet pressure at 6 bar inlet pressure		арр. 105 N арр. 45 N	
Safety factor:		at least 4-times				Burst-	Burst-pressure: at least 140 bar			
Fatigue: 5000 cycles connecting/disconnecting_tightness and function O.K.										
Revision	Date	Name		Date	Name		Document-no.:			
Α	09.09.04	schwab	Made.	25.02.04	schwab					
			Check	25.02.04	schwab	DB-13KA-SF-engl				

Stand.