



Data sheet

Quick connect coupling

Series 26

Coupling: 26KA

Plug: 26SF

DN: 7,2 = 40 mm²

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 off	<input checked="" type="checkbox"/>	Single hand operation	<input checked="" type="checkbox"/>	ULTRA-FLO-Valve	<input type="checkbox"/>
Double shut off	<input type="checkbox"/>	Two hand operation	<input type="checkbox"/>	Pipe-valve	<input type="checkbox"/>
Straight through	<input type="checkbox"/>	Ball locking system	<input type="checkbox"/>	U-Cup-Seal	<input type="checkbox"/>
Self venting	<input type="checkbox"/>	Pin locking system	<input checked="" type="checkbox"/>	O-Ring-Seal	<input checked="" type="checkbox"/>
Safety lock	<input type="checkbox"/>	Coupling anti-splash	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Dry Break	<input type="checkbox"/>	Plug anti-splash	<input type="checkbox"/>		<input type="checkbox"/>

Materials:	Version	
	Standard	Brass, nickel plated
Back body	Brass	Brass, nickel plated
Valve body	Brass	Brass, nickel plated
Sleeve	Brass	Brass, nickel plated
Valve	Brass	Brass, nickel plated
Spring	AISI 301	AISI 301
Locking Balls / Pins	AISI 420	AISI 420
Seals	Buna N	Buna N
Plug	Brass	Brass, nickel plated

Description:
 The series 26 is a robust and universal standard quick connect coupling. The internal parts are protected against dirt penetration by the tight sleeve. The hardened locking pins enable it to be used in conjunction with steel plugs fitted to compressed air tools. The connection between the intermediate coupling and the plug is tightly sealed before the valve is opened. All parts are non rusting. The series 26 can be used for various different applications.

Interchangeability:
 RECTUS Series 25, Cejn 320 / 321, JWL 520 / 530, EWO, FESTO, Kani, Oetiker DN7 Serie C, Partker PE 7:2, various Germen products

Versions / special equipment (in part not for all versions, others upon request):
 seal material Buna N, Viton, Kalrez, Ethylen-Propylen;
 surface nickel plated, chrome plated, durnicoat;
 oil and grease free, silicon free;

Test values at 20°C (depending on the version):

Flow-rate air: 1070 l/min at 6 bar inlet pressure and 0,5 bar pressure drop
 Flow-rate water: 18,3 l/min at 0,5 bar pressure drop

Vacuum coupling:	min. 87 %	Weight coupling:	app. 75 g
Vacuum plug:	min. - %	Weight plug:	app. 25 g
Vacuum connected:	min. 87 %	Leakage rate / dead volume:	app. - ml

Connecting force:	w/o pressure app. 40 N	at 6 bar inlet pressure	app. 100 N
Disconnecting force:	w/o pressure app. 35 N	at 6 bar inlet pressure	app. 75 N

Safety factor: at least 4-times Burst-pressure: at least 140 bar

Fatigue: 5000 cycles connecting/disconnecting tightness and function O.K.

Revision	Date	Name		Date	Name	Document-no.: DB-26KA-SF-engl
A	17.03.04	schwab	Made.	13.08.02	schwab	
			Check	15.08.02	schwab	
			Stand.			