Datasheet of 25KBIW21BPN8 Quick coupling with female thread U S T R I E



1,2 1,0

0,8 0,6 0,4 0,2 0,0 0 200 400 600 800 1000 1200

Description

Quick coupling double shut-off, coded system (8 = red, octagonal), female thread G 1/2, nominal diameter 7,8, <35 bar, brass nickel plated, seal NBR

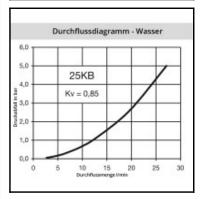
Coded industrial coupling system developed on the basis of series 25. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves. Double shut-off and straightthrough couplings are available upon request. Cannot be interconnected with the Rectus standard 25 series.

Details

Series long: 25KB Bore in mm: 7,8 Bore area in mm ² : 48 Advantages: Quality product. One-hand operation. High flow. Versatile capability of connections. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Double Shut-Off Connection description: Female thread 1/2" Connection description: Female pipe thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material Brass nickel plated Material Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Coding: 8 = red, octagonal Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes Self-venting coupling: No	Series:	25
Bore in mm: 7,8 Bore area in mm?: 48 Advantages: Quality product. One-hand operation. High flow. Versatile capability of connections. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Double Shut-Off Connection: Female thread 1/2" Connection description: Female thread of Whitworth form ISO 228 1/2" Connection type: Female thread of Whitworth form ISO 228 1/2" Connection description: Brass nickel plated Material Barss nickel plated Material description: Brass nickel plated Surface: nickel plated Coding: & = red, octagonal Material sonection: Brass nickel plated Material seleve: Brase nickel plated Materi	Series long:	25KB
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Advantages: Versatile capability of connections. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Double Shut-Off Connection: Female thread 1/2" Connection description: Female thread 1/2" Connection type: Female thread Material Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Coding: 8 = red, octagonal Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material spring snap ring: stainless steel AISI 420 Material spring snap ring: Natiness steel AISI 420 Material spring snap ring: Natiness steel AISI 420 Material spring snap ring: Stainless steel AISI 420 Material spring snap ring: Natiness steel AISI 420 Material spring snap ring: Natiness steel AISI 420 Material seal: Perbunan® <t< td=""><td>Bore area in mm²:</td><td>48</td></t<>	Bore area in mm ² :	48
Working pressure: factor 4 to 1. Working temperature: -20°C up to +100°C (NBR) Shut-Off: Quick coupling Double Shut-Off Connection Female thread 1/2" Connection description: Female thread of Whitworth form ISO 228 1/2" Connection type: Female thread Material: Brass nickel plated Material: Brass CuZn39P53 2.0401 (completely) Seal description: Nitrite-butadiene rubber Surface: nickel plated Coding: & = red, octagonal Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material seleve: Distainess steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes	Advantages:	
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Material description: Brass CuZn39Pb3 2.0401 (completely) Seal description: Nitrite-butadiene rubber Surface: nickel plated Coding: & = red, octagonal Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material salls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes Self-venting coupling: No Safety locking system: No Safety locking: Yes Pin lock: Yes Pin locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Vacuum suitable: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No	Connection type:	Female thread
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Surface: nickel plated Coding: 8 = red, octagonal Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Vacuum suitable: No Suitable breath / respiratory protection: No Suitable breath / respiratory protection: No	Material description:	Brass CuZn39Pb3 2.0401 (completely)
Coding:8 = red, octagonalMaterial connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material salis/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:NoPressure eliminator:No	Seal description:	Nitrite-butadiene rubber
Material connection:Brass nickel platedMaterial valve body:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial valve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Surface:	nickel plated
Material valve body:Brass nickel platedMaterial sleeve:Brass nickel platedMaterial valve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Coding:	8 = red, octagonal
Material sleeve:Brass nickel platedMaterial valve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Material connection:	Brass nickel plated
Material valve:Brass nickel platedMaterial spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Material valve body:	Brass nickel plated
Material spring snap ring:stainless steel AISI 301Material balls/pins:Stainless steel AISI 420Material seal:Perbunan®Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Material sleeve:	Brass nickel plated
Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Material valve:	Brass nickel plated
Material seal: Perbunan® Weight in kg: 0,1129 Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Material spring snap ring:	stainless steel AISI 301
Weight in kg:0,1129Coded:YesSelf-venting coupling:NoSafety locking system:NoSingle-hand operation:YesTwo-hand operation:YesTwo-hand operation:NoBall locking:YesPin lock:YesUltra-FLO-valve:NoVacuum suitable:NoWater-resistant:YesFlat-sealing:NoSuitable breath / respiratory protection:NoPressure eliminator:No	Material balls/pins:	Stainless steel AISI 420
Coded: Yes Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Material seal:	Perbunan®
Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Weight in kg:	0,1129
Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Coded:	Yes
Single-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Self-venting coupling:	No
Two-hand operation: No Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Safety locking system:	No
Ball locking: Yes Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Single-hand operation:	Yes
Pin lock: Yes Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Two-hand operation:	No
Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Ball locking:	Yes
Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Pin lock:	Yes
Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Ultra-FLO-valve:	No
Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No	Vacuum suitable:	No
Suitable breath / respiratory protection: No Pressure eliminator: No	Water-resistant:	Yes
Pressure eliminator: No	Flat-sealing:	No
Pressure eliminator: No	Suitable breath / respiratory protection:	No
Hydraulics: No		No
	Hydraulics:	No
Pneumatics: Yes	Pneumatics:	Yes
Standard product: No	Standard product:	No
Mould coupling: No	Mould coupling:	No

Dimensions

Durchflussdiagramm - Luft sei 6 bar Si 25KB



Durch

