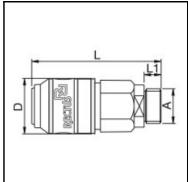
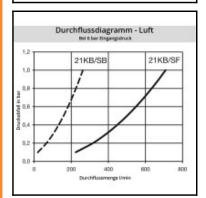
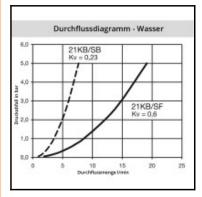


Datasheet of 21KBAW13DVXG Quick coupling with male thread D U S T R I E











Description

Quick coupling double shut-off, male thread G 1/4, nominal diameter 5, <10 bar, POM (Delrin), seal FKM

Mini industrial coupling in plastics POM and PVDF with the world's most popular profile in this nominal diameter. Above average flow performance for liquidand gaseous medio.

Details

Series long: Bore in mm: 5 Bore area in mm²: 20 Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Advantages: Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. Working pressure: 10 bar (PDM, at 20°C), 8 bar (PVDF, at 20°C) maximum statuk working pressure with safety factor 4 to 1. 20°C up to +80°C (POM), 20°C up to +120°C (PVDF) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 114° Connection description: Male pipe thread of Whitworth form ISO 228 1/4° Connection type: Male thread 114° Material description: Material description: POM (Delrin) Material description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: Material sevee: POM, black Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring coupling: No Safety locking system: No Safety locking system: No Safety locking system: No Poleuring: No Pressure eliminator: No	Corios	01
Bore in mm: Bore area in mm?: Bore area in mm?: Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms: - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. Working pressure: 10 bar (POM, at 20°C), B bar (PDF), at 20°C) cap to +120°C (PVDF) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 114° Connection description: Male pipe thread of Whitworth form ISO 228 1/4° Connection description: Material description: Fluororubber Material connection: Material connection: Material connection: Material connection: Material seleve: POM, black Material sleeve: POM, black Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: No Pressure eliminator: No	Series:	21
Bore area in mm²: Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. Working pressure:	3	
Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Advantages: Advantages: Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mis-ups between media when coupling. Working pressure: 10 bar (POM, at 20°C), 8 bar (PVDF, at 20°C) maximum static working pressure with safety factor 4 to 1. Working temperature: -20°C up to 480°C (POM) -20°C up to +120°C (PVDF) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male thread 1/4" Connection type: Male thread 4/4" Male thread 4/4" Male thread 4/4" Material: POM (Delrin) Material description: POM (Delrin) Material description: Fluororubber Surface: blank finish Material valve body: Material valve body: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: stainless steel AISI 301 Material spring snap ring: Material spring snap ring: Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: No Ultra-FLO-valve: No Vitura-FLO-valve: No Vitura-FLO-valve: No Surface: No Pressure eliminator: No Hydraulics: No Pressure eliminator: No		-
type of plastic locking system with handy sleeve considerably expands the applications of this series. Advantages: Advantages: Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plup offers a guarantee for avoiding mix-ups between media when coupling. Working pressure: 10 bar (POM, at 20°C), 8 bar (PVDF, at 20°C) maximum static working pressure with safety factor 4 to 1. 20°C up to +80°C (POM) -20°C up to +120°C (PVDF) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection type: Male thread of Whitworth form ISO 228 1/4" Male thread and thread of Whitworth form ISO 228 1/4" Material description: Seal description: POM (Delrin) Material description: Fluororubber Surface: blank finish Material valve body: Material valve body: Material valve: POM, black Material spring snap ring: stainless steel AISI 301 Material seal: Viton® Weight in kg: Qoils coupling System: No Single-hand operation: Yes Two-hand operation: No Pom, black No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flats-resistant: No Pressure eliminator: No	Bore area in mm²:	
working pressure: static working pressure with safety factor 4 to 1. -20°C up to +80°C (POM) -20°C up to +120°C (PVDF) depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material: POM (Delrin) Material description: POM (Delrin) Seal description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: POM, black Material sleeve: POM, black Material valve in pring: Material seal: Viton® Weight in kg: Quita valve in kg: Seafety locking system: No Safety locking system: No Ball locking: No Ultra-FLO-valve: Vacuum suitable: Weight / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Advantages:	type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.
Working temperature: depending on the medium. Shut-Off: Quick coupling Double Shut-Off Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread Material pipe thread of Whitworth form ISO 228 1/4" Connection type: Male thread of Whitworth form ISO 228 1/4" Material: POM (DeIrin) Material description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: POM, black Material seeve: POM, black Material spring snap ring: stainless steel AISI 301 Material balls/pins: POM, black Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure elim	Working pressure:	static working pressure with safety factor 4 to 1.
Connection: Male thread 1/4" Connection description: Male pipe thread of Whitworth form ISO 228 1/4" Connection type: Material: POM (Delrin) Material description: Seal description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Vacuum suitable: Ves Water-resistant: No Suitable breath / respiratory protection: No Phenumatics: No Penumatics: Yes Standard product: No Penumatics: Yes Standard product: No Penumatics: Yes Standard product: No Pom, black Material seal: Vition® Witton® No Safety locking system: No No No No No No No No No N	Working temperature:	
Connection description: Connection type: Male thread Material: POM (Delrin) Material description: Seal description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material balls/pins: Meterial balls/pins: Weight in kg: O,013 Self-venting coupling: No Safety locking system: Two-hand operation: Ves Waterial coking: No Pin lock: Ultra-FLO-valve: Waterialse imitation: No Suidable breath / respiratory protection: No Phenumatics: Yes Standard product: No Peneumatics: Yes Standard product: No Pom, black Material spring snap ring: stainless steel AISI 301 Material spring snap ring: No No No No No No Safety locking system: No No No No No No No No No N	Shut-Off:	Quick coupling Double Shut-Off
Connection type: Male thread Material: POM (Delrin) Material description: POM (Delrin) Seal description: Fluororubber Surface: blank finish Material connection: POM, black Material valve body: POM, black Material sleeve: POM, black Material spring snap ring: stainless steel AISI 301 Material balls/pins: POM, black Material balls/pins: POM, black Material balls/pins: POM, black Material palls/pins: POM, black Material palls/pins No Safety locking system: No Safety locking palls/pins No	Connection:	Male thread 1/4"
Material: POM (Delrin) Material description: POM (Delrin) Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: stainless steel AISI 301 Material balls/pins: POM, black Material seal: Viton® Weight in kg: O,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: No Ball locking: No Vitan-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No Presure eliminator: No Presure eliminator: No Pneumatics: Yes Standard product: No	Connection description:	Male pipe thread of Whitworth form ISO 228 1/4"
Material description: Seal description: Fluororubber Surface: blank finish Material connection: Material valve body: Material sleeve: POM, black Material valve body: Material spring snap ring: Material spring snap ring: Material balls/pins: Material balls/pins: POM, black Material spring snap ring: Material spring snap ring: Material spring snap ring: Material balls/pins: POM, black Material spring snap ring: Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product:	Connection type:	Male thread
Seal description: Surface: blank finish Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material valve: Material spring snap ring: Material spring snap ring: Material balls/pins: POM, black Material balls/pins: POM, black Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: Fluororubber Bluororubber Bluork finish No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material:	POM (Delrin)
Surface: blank finish Material connection: POM, black Material valve body: POM, black Material sleeve: POM, black Material sleeve: POM, black Material spring snap ring: stainless steel AISI 301 Material balls/pins: POM, black Material balls/pins: POM, black Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Material description:	POM (Delrin)
Material connection: Material valve body: Material sleeve: POM, black Material sleeve: POM, black Material valve: POM, black Material spring snap ring: Material spring snap ring: Material balls/pins: POM, black Material seal: Viton® Weight in kg: O,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes Standard product: No	Seal description:	Fluororubber
Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material balls/pins: POM, black Material seal: Viton® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No PoM, black POM, black Notion® Viton® No No No No No No No No No N	Surface:	blank finish
Material sleeve: POM, black Material valve: POM, black Material spring snap ring: stainless steel AISI 301 Material spring snap ring: POM, black Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: Yes Standard product: No	Material connection:	POM, black
Material valve: Material spring snap ring: Material seal: Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Pin lock: Ultra-FLO-valve: Wacuum suitable: Waterial valve: POM, black Viton® No Safety locking system: No Single-hand operation: No Ball locking: No Ultra-FLO-valve: No Vacuum suitable: Wes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Hydraulics: No Pneumatics: Yes Standard product: No	Material valve body:	POM, black
Material spring snap ring: Material balls/pins: POM, black Material seal: Viton® Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Standard product: No No No No No Stainless steel AISI 301 No 0,013 Stainless steel AISI 301 No No No No No No No No No N	Material sleeve:	POM, black
Material balls/pins: Material seal: Viton® Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: No Pneumatics: Yes Standard product: No Viton® No No No No No No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No No No No No No No No No N	Material valve:	POM, black
Material seal: Weight in kg: 0,013 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: No Pin lock: Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Yes Standard product: No No No No No No No No No N	Material spring snap ring:	stainless steel AISI 301
Weight in kg: Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: No Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Yes Standard product: No	Material balls/pins:	POM, black
Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Hydraulics: No Pneumatics: Yes Standard product: No	Material seal:	Viton®
Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: No Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Weight in kg:	0,013
Single-hand operation: Two-hand operation: Ball locking: No Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Self-venting coupling:	No
Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No No No No No No No No No N	Safety locking system:	No
Ball locking: No Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Single-hand operation:	Yes
Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	-	No
Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ball locking:	No
Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Pin lock:	No
Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No Pneumatics: Yes Standard product: No	Water-resistant:	No
Pressure eliminator: Hydraulics: No Pneumatics: Yes Standard product: No	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes Standard product: No	Suitable breath / respiratory protection:	No
Pneumatics: Yes Standard product: No	Pressure eliminator:	No
Standard product: No	Hydraulics:	No
·	Pneumatics:	Yes
Mould coupling: No	Standard product:	No
	Mould coupling:	No

Dimensions

Connection A:	G 1/4
D mm:	21
L mm:	50
L1 mm:	7
SW mm:	17