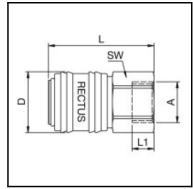
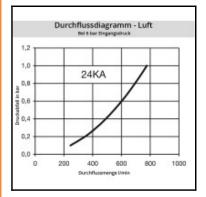
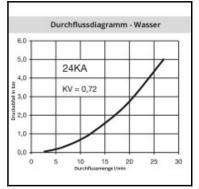


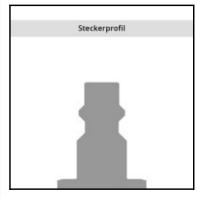
## Datasheet of 24KAIW17MPN Quick coupling with female thread D U S T R I E











## Description

Quick coupling single shut-off, female thread G 3/8, nominal diameter 5,5, <35 bar, brass nickel plated, seal NBR

1/4 Industrial brass coupling according to ISO 6150 B and US MIL-SPEC 4109. Coupling system with single-hand operation, which stands out for its solid brass design and corresponding sleeve design. Hardened steel plug countersvibrations and effects of external forces.

## Details

Compatibility:  ISO 6150 B RECTUS 23 RECTUS 1400/1423 TEM, 1400 PARKER 20 1/4" + 30 1/4"  Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20"C up to +100"C (NBR) -40"C up to +120/1500"C (PPDM) -15"C up to +200"C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Female thread 3/8"  Connection description:  Female pipe thread of Whitworth form ISO 228 3/8"  Connection type:  Female thread  Material:  Brass nickel plated  Material description:  Seal description:  Surface:  Inickel plated  Material connection:  Brass nickel plated  Material valve body:  Brass nickel plated  Material valve body:  Brass nickel plated  Material sping snap ring:  Material sping snap ring:  Material sping snap ring:  Material seleve:  Material seleve:  Material seleve:  Material seleve:  Material sping snap ring:  Material seleve:  Material sping snap ring:  Material seleve:  Material sping snap ring:  Material sping snap ring:  Material sping snap ring:  Material seleve:  Material sping snap ring:  Material sping snap ring:  No  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Two-hand operation:  Two-hand operation:  Yes  With The Self-venting coupling:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Water-resistant:  Pressure eliminator:  No  Pneumatics:  Yes	Series:	24
Bore in mm:  Bore area in mm²:  Advantages:  One-hand operation.  INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4 ISO 6160 B RECTUS 23 RECTUS 1400/1423 TEM. 1400 PARKER 20 1/4" + 30 1/4"  Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20"C up to +100"C (NBR) -40"C up to +120/1500"C (EPDM) -15"C up to +200"C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Female thread 3/8"  Connection description:  Female thread 3/8"  Female pipe thread of Whitworth form ISO 228 3/8"  Material description:  Brass nickel plated  Material connection:  Brass nickel plated  Material valve body:  Material valve body:  Material sleeve:  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nickel plated  Material slapring snap ring:  stainless steel AISI 301  Material spring snap ring:  stainless steel AISI 420  Material seal:  Weight in kg:  Self-venting coupling:  No Safety locking system:  No Safety locking system:  No Safety locking system:  No Safety locking system:  No Sall locking:  Yes Pin lock:  Vacuum suitable:  Yes Pressure eliminator:  No Presure		
Bore area in mm²:  Advantages:  One-hand operation.  INDUSTR: INTERCHANGE 1/4" US-MIL-SPEC-C-4 ISO 6150 B RECTUS 23 RECTUS 1400/1423 TEM. 1400 PARKER 20 1/4" + 30 1/4"  Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/1500°C (FPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off Connection:  Female thread 3/8"  Connection description:  Female thread 3/8"  Female thread of Whitworth form ISO 228 3/8"  Female description:  Brass nickel plated  Material:  Brass nickel plated  Material connection:  Brass cuz/n39Pb3 2.0401 (except sleeve)  Nitrite-butadiene rubber  nickel plated  Material valve body:  Brass nickel plated  Material seve:  Brass nickel plated  Material valve body:  Brass nickel plated  Material spring snap ring:  Material spring snap ring:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  No  Single-hand operation:  No  Single-hand operation:  No  Ves  Pin lock:  No  Vacuum suitable:  Yes  Pin lock:  No  Vacuum suitable:  Yes  Flat-sealing:  No  Surface:  No  Pressure eliminator:  No  Presuratics:  Yes	Š	
Advantages:  One-hand operation.  INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4 ISO 6150 B RECTUS 23 RECTUS 1400/1423 TEM/ 1400 PARKER 20 1/4" + 30 1/4"  Working pressure:  35 bar maximum static working pressure with safety factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/1500°C (EPDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off Connection:  Female thread 3/8"  Connection type:  Material:  Brass nickel plated Material description:  Seal description:  Nitrite-butadiene rubber Material connection:  Brass nickel plated Material valve body:  Material valve body:  Material sleeve:  Brass nickel plated  Material sleeve:  Brass nicke		- 77
Compatibility:    INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4 ISO 6150 B RECTUS 23 RECTUS 1400/1423 TEM. 1400 PARKER 20 1/4" + 30 1/4"	Advantages:	One-hand operation.
Working pressure:  factor 4 to 1.  -20°C up to +100°C (NBR) -40°C up to +120/1500°C (PDM) -15°C up to +200°C (FKM) depending on the medium.  Shut-Off:  Quick coupling Single Shut-Off  Connection:  Female thread 3/8°  Connection description:  Female pipe thread of Whitworth form ISO 228 3/8°.  Connection type:  Female thread  Material:  Brass nickel plated  Material description:  Surface:  Mitrite-butadiene rubber  Surface:  Material connection:  Brass nickel plated  Material valve body:  Material sleeve:  Brass nickel plated  Material spring snap ring:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ultra-FLO-valve:  No  Vacuum suitable:  Yes  Water-resistant:  Yes  Water-resistant:  Yes  Waterialseing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Pressure eliminator:  No  Hydraulics:  No  Pheumatics:  Yes		INDUSTR. INTERCHANGE 1/4" US-MIL-SPEC-C-4109 ISO 6150 B RECTUS 23 RECTUS 1400/1423 TEMA
Working temperature:  Shut-Off:  Connection:  Connection:  Connection description:  Connection type:  Material:  Material description:  Brass nickel plated  Material valve body:  Material spring snap ring:  Material spring snap ring:  Material seal:  Meterial working system:  Moting land operation:  Material conling:  Material operation:  Material valve:  Material spring snap ring:  Material operation:  Material spring snap ring:  Material palls/pins:  Material balls/pins:  Material operation:  Material valve  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material spring coupling:  Material valve:  Material valve:  Material spring coupling:  Moting system:  Weight in kg:  O,1  Self-venting coupling:  No  Safety locking system:  No  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Ves  Water-resistant:  Yes  Flat-sealing:  No  Pressure eliminator:  No  Presure eliminator  No  P	Working pressure:	35 bar maximum static working pressure with safety factor 4 to 1.
Connection:  Connection description:  Connection description:  Connection type:  Material:  Material description:  Surface:  Material connection:  Material valve body:  Material spring snap ring:  Material spring:  Material spring	Working temperature:	-20°C up to +100°C (NBR) -40°C up to +120/1500°C (EPDM) -15°C up to +200°C (FKM) depending on the medium.
Connection description:  Connection type:  Female thread  Material:  Brass nickel plated  Material description:  Seal description:  Seal description:  Material connection:  Material connection:  Material connection:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Material balls/pins:  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Pes  Two-hand operation:  No  Ball locking:  Yes  Water-resistant:  Pilat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presumatics:  Yes  Penumatics:  Yes  Penumatics:  Yes  Penumatics:  Yes	Shut-Off:	Quick coupling Single Shut-Off
Connection type:  Material:  Material:  Brass nickel plated  Material description:  Seal description:  Nitrite-butadiene rubber  Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Yes  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Yes  Flat-sealing:  No  Pressure eliminator:  Hydraulics:  Penumatics:  Yes  Penumatics:  Yes  Penumatics:  Yes  Persumatics:  Yes  Persumatics:  Yes  Persumatics:  Yes  Persumatics:  Yes  Persumatics:  Yes  Persumatics:  Valuta Flat-sealing:  No  No  Pressure eliminator:  No  Presumatics:  Yes	Connection:	Female thread 3/8"
Material:  Material description:  Brass CuZn39Pb3 2.0401 (except sleeve)  Seal description:  Nitrite-butadiene rubber  Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material spring:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Mo  Ball locking:  Yes  Pin lock:  Water-esistant:  Yes  Water-esistant:  Yes  Water-esistant:  Yes  Flat-sealing:  No  Pressure eliminator:  No  Pressure eliminator:  No  No  Presumatics:  Yes	Connection description:	Female pipe thread of Whitworth form ISO 228 3/8"
Material description: Seal description: Nitrite-butadiene rubber Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: No Ball locking: Prin lock: Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes	Connection type:	Female thread
Seal description:  Surface:  Material connection:  Material valve body:  Material sleeve:  Material spring snap ring:  Material seal:  Weight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Two-hand operation:  Wolutra-FLO-valve:  Water-resistant:  Flat-sealing:  Waterial springs:  No No Surface:  No No Surface:  No No No Surface:  No	Material:	Brass nickel plated
Surface:  Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material seal:  Meight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  Waterial seal:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Pressure eliminator:  Yes Pressure eliminator:  No Pressure eliminator  No Pressure eliminator  No Pressure eliminator  No Pressure elim	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection:  Material valve body:  Material sleeve:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material seal:  Material seal:  Meight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Mo Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Suitable breath / respiratory protection:  Pressure eliminator:  No Pressure eliminator:  Yes Prine de  Material seal:  Brass nickel plated  Brass  Brass nickel plated  Brass  Brass nickel plated  Brass  Brass nickel plated  Brass  Brass  Brass  No  No  No  No  Pressure eliminator:  No  Pressure e	Seal description:	Nitrite-butadiene rubber
Material valve body:  Material sleeve:  Material spring snap ring:  Material spring snap ring:  Material balls/pins:  Material seal:  Material seal:  Weight in kg:  Safety locking system:  No Single-hand operation:  Two-hand operation:  No Ball locking:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  No Material seal:  Perbunan®  No  No  No  No  Safety locking system:  No  Single-hand operation:  No  Safety locking system:  No  Single-hand operation:  No  Sall locking:  Yes  Water-resistant:  Yes  Water-resistant:  Yes  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presure eliminator:  No  Prenumatics:  Yes	Surface:	nickel plated
Material sleeve:  Material valve:  Material spring snap ring:  Material balls/pins:  Material seal:  Weight in kg:  Self-venting coupling:  Safety locking system:  Two-hand operation:  Two-hand operation:  Pin lock:  Ultra-FLO-valve:  Water-resistant:  Flat-sealing:  Water limits of the spring to the spring to the state of the seal of the state of the spread of the state of the s	Material connection:	Brass nickel plated
Material valve:  Material spring snap ring:  Material balls/pins:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  No  Ball locking:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presumatics:  No  Stainless steel AISI 301  Stainless steel AISI 301  No  No  No  No  Self-venting coupling:  No  No  No  No  No  Single-hand operation:  No  No  No  No  No  No  No  No  Pressure eliminator:  No  Presumatics:  No  Presumatics:  Yes	Material valve body:	Brass nickel plated
Material spring snap ring:  Material balls/pins:  Stainless steel AISI 301  Material seal:  Perbunan®  Weight in kg:  O,1  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Stainless steel AISI 301  Stainless steel AISI 420  No  No  No  No  Self-venting coupling:  No  No  Single-hand operation:  No  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  No  Presure eliminator:  No  Presuresiscant:  Yes	Material sleeve:	Brass nickel plated
Material balls/pins:       Stainless steel AISI 420         Material seal:       Perbunan®         Weight in kg:       0,1         Self-venting coupling:       No         Safety locking system:       No         Single-hand operation:       Yes         Two-hand operation:       No         Ball locking:       Yes         Pin lock:       No         Ultra-FLO-valve:       No         Vacuum suitable:       Yes         Water-resistant:       Yes         Flat-sealing:       No         Suitable breath / respiratory protection:       No         Pressure eliminator:       No         Hydraulics:       No         Pneumatics:       Yes	Material valve:	Brass
Material seal:  Weight in kg:  O,1  Self-venting coupling:  No  Safety locking system:  No  Single-hand operation:  Two-hand operation:  Ball locking:  Pes  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  O,1  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:  Pin lock:  Ultra-FLO-valve:  Vacuum suitable:  Vacuum suitable:  Yes  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No Pneumatics:  Vo No No No No No No No Pressure eliminator:  No Pressure signature  No No Pressure signature  No No Pressure  Yes	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling:  Safety locking system:  No Single-hand operation:  Two-hand operation:  Ball locking:  Pin lock:  No Ultra-FLO-valve:  Vacuum suitable:  Ves Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No Safety locking system:  No No No No No No No Preseure siminator:  No Preumatics:  Yes	Material seal:	Perbunan®
Safety locking system:         No           Single-hand operation:         Yes           Two-hand operation:         No           Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes	Weight in kg:	0,1
Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes No No Pressure eliminator: No Pressure Ves No No Pressure Ves No No Pressure Ves No No Pressure Ves	Self-venting coupling:	No
Two-hand operation:  Ball locking:  Pin lock:  No  Ultra-FLO-valve:  Vacuum suitable:  Ves  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  No  No  No  No  Pressure very protection:  No  Pressure ver	Safety locking system:	No
Ball locking:         Yes           Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes	Single-hand operation:	Yes
Pin lock:         No           Ultra-FLO-valve:         No           Vacuum suitable:         Yes           Water-resistant:         Yes           Flat-sealing:         No           Suitable breath / respiratory protection:         No           Pressure eliminator:         No           Hydraulics:         No           Pneumatics:         Yes	Two-hand operation:	No
Ultra-FLO-valve:  Vacuum suitable:  Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  Pneumatics:  No  No  Pressure Simple	Ball locking:	Yes
Vacuum suitable:  Water-resistant:  Yes  Flat-sealing:  No  Suitable breath / respiratory protection:  No  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes	Pin lock:	No
Water-resistant:  Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes	Ultra-FLO-valve:	No
Flat-sealing:  Suitable breath / respiratory protection:  Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes	Vacuum suitable:	Yes
Suitable breath / respiratory protection:  Pressure eliminator:  No  Hydraulics:  No  Pneumatics:  Yes	Water-resistant:	Yes
Pressure eliminator:  Hydraulics:  No  Pneumatics:  Yes	Flat-sealing:	No
Hydraulics: No Pneumatics: Yes	Suitable breath / respiratory protection:	No
Pneumatics: Yes	Pressure eliminator:	No
	Hydraulics:	No
1	Pneumatics:	Yes
Standard product:  No	Standard product:	No
Mould coupling: No	Mould coupling:	No

## Dimensions

Connection A:	G 3/8
D mm:	25
L mm:	43
L1 mm:	9
SW mm:	22