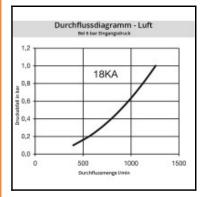
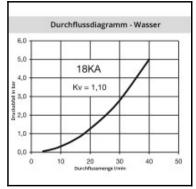


Datasheet of 18KAAK17MPN Quick coupling with male thread DUST



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Description

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

Robust industrial coupling according to ISO 6150 C. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The steel sleeve counters oscillating forces. System has liwithed use for liquids (steel sleeve/zinc die cast valve). The high insertion depth is guaranteed by an optimised plug guide.

Details

Series long: Bore in mm: 5,5 Bore area in mm²: 25 One-hand operation. Innovative Ventiltechnik. The hinsertion depth is guaranteed by an optimised pluging guide. UltraFlo valve. Compatibility: ISO 6150 C 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 +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/8"	Series:	18
Bore in mm: Bore area in mm*: 25 One-hand operation. Innovative Ventiltechnik. The hinsertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: ISO 6150 C 35 bar maximum static working pressure with safety factor 4 to 1. -20°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Connection: Shut-Off: Connection description: Male thread 3/8° Connection description: Male thread 3/8° Material description: Brass nickel plated Material connection: Material valve body: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material sleeve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Weight in kg: O,1114 Self-venting coupling: No Safety locking system: No Ball locking: Yes Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Hydraulios: No Suitable breath / respiratory protection: No Flat-sealing: No Suitable breath / respiratory protection: No Hydraulios: No Flat-sealing: No Hydraulios: No		
Bore area in mm²: Advantages: One-thand operation. Innovative Ventiltechnik. The hinsertion depth is guaranteed by an optimised plug guide. UltraFlo valve. Compatibility: ISO 6150 C 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 +120/150°C (EPDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Connection description: Male thread 3/8° Connection description: Material description: Material description: Brass nickel plated Material description: Nitrite-butadiene rubber Material connection: Brass nickel plated Material valve body: Material valve body: Material valve: Steel hardened and nickel plated Material valve: Zinc diecasting nickel plated Material valve: Zinc diecasting nickel plated Material valve: Zinc diecasting nickel plated Material valve: Non Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: No Pressure eliminator: No No Pressure eliminator: No Pressure eliminator: No	Š	
Advantages: One-hand operation. Innovative Ventilitechnik. The hissertion depth is guaranteed by an optimised plug guide. Ultra-Flo valve. Compatibility: ISO 6150 C Working pressure: data an		- 1 -
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 +120/150°C (PDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/8° Connection description: Male thread of Whitworth form DIN 2999 3/8 (Connection type: Male thread Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Material balls/pins: Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Tind-butadiened No Pressure eliminator: No Hydraulics: No		One-hand operation. Innovative Ventiltechnik. The high insertion depth is guaranteed by an optimised plug
Working pressure: -20°C up to +100°C (NBR) -40°C up to +120/150°C (FDM) -15°C up to +200°C (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/8° Connection description: Connection type: Male thread Material: Brass nickel plated Material description: Seal description: Surface: Material connection: Brass nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material plated Material connection: Brass nickel plated Material sourhous: Seal description: Surface: 10 ickel plated Material sourhous: Material sourhous: Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Wessuitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Hydraulics: No	Compatibility:	ISO 6150 C
Working temperature: Shut-Off: Quick coupling Single Shut-Off Quick coupling Single Shut-Off Connection: Male thread 3/8" Connection description: Male thread of Whitworth form DIN 2999 3/8 Connection type: Male thread Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material valve body: Brass nickel plated Material spring snap ring: Steel hardened and nickel plated Material spring snap ring: Stainless steel AISI 301 Material splis/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: Vacuum suitable: Ves Water-resistant: No Pressure eliminator: No Pressure eliminator: No Hydraulics: No	Working pressure:	35 bar maximum static working pressure with safety factor 4 to 1.
Connection: Male thread 3/8" Connection description: Male tapered thread of Whitworth form DIN 2999 3/8 Connection type: Material: Brass nickel plated Material description: Seal description: Nitrite-butadiene rubber	Working temperature:	(EPDM) -15°C up to +200°C (FKM) depending on the
Connection description: Connection type: Male thread Material: Brass nickel plated Material description: Seal description: Material description: Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Weight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Mole Material operation: No Ball locking: Yes Water-esistant: No Vacuum suitable: Ves Water-esistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No No No Pressure eliminator: No No Male thread of Whitworth form DIN 2999 3/8 Male thread Brass nickel plated Brass nickel plated Brass nickel plated Parss nickel plated Steel hardened and nickel plated Material seal: Perbunane Steel AlSI 301 Material seal: Perbunane No No No Single-hand operation: No No No No No No No No No N	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Material: Material: Brass nickel plated Material description: Seal description: Surface: Material connection: Material valve body: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Weight in kg: Self-venting coupling: No Safety locking system: No Ball locking: Yes Pin lock: Water-esistant: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No No No Pressure eliminator: No No No No Pressure eliminator: No No No No No No Pressure eliminator: No No No No No No No No No N	Connection:	Male thread 3/8"
Material: Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Material sleeve: Steel hardened and nickel plated Material sleeve: Steel hardened and nickel plated Material spring snap ring: Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: Yes Water-resistant: No Pressure eliminator: No Pressure eliminator: No No No No No No No No No Pressure eliminator: No No No No No No No No No N	Connection description:	Male tapered thread of Whitworth form DIN 2999 3/8"
Material description: Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Steel hardened and nickel plated Material valve body: Material spring snap ring: Stainless steel AISI 301 Material spring snap ring: Material sali: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Yes Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No No Hydraulics: No Nitrite-butadiene rubber Naterial splated Naterial sp	Connection type:	Male thread
Seal description: Surface: Inickel plated Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material spring snap ring: Material seal: Meight in kg: Meight in kg: Mo Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material seal: Meight in kg: Self-venting coupling: No Safety locking system: Two-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Brass nickel plated Brass aines plated Brass nickel plated Brass aines plated Brass nickel plated Brass aines plated Brass nickel plated Brass ai	Material description:	Brass CuZn39Pb3 2.0401 (except sleeve)
Material connection: Material valve body: Material sleeve: Steel hardened and nickel plated Material valve: Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Material seal: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: No Pressure eliminator: No Steel hardened and nickel plated Brass nickel plated Steel hardened and nickel plated Antickel plated No Stainless steel AISI 301 No No No No Stainless steel AISI 420 Perbunan® No No No No No Single-hand peration: No No No No Ves Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Seal description:	Nitrite-butadiene rubber
Material valve body: Material sleeve: Steel hardened and nickel plated Material valve: Zinc diecasting nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: O,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Yes Two-hand operation: No Ball locking: Pin lock: No Ultra-FLO-valve: Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Surface:	nickel plated
Material sleeve: Material valve: Zinc diecasting nickel plated Material spring snap ring: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Perbunan® No Ball locking: Yes Pin lock: Ultra-FLO-valve: Water-resistant: No Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No No Stainless steel AISI 301 Stainless steel AISI 420 Perbunan® No No No No No No No No No N	Material connection:	Brass nickel plated
Material valve: Material spring snap ring: Material balls/pins: Material balls/pins: Stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: O,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Two-hand operation: No Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Material valve body:	Brass nickel plated
Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No No Stainless steel AISI 301 No No No No No No No No No N	Material sleeve:	Steel hardened and nickel plated
Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Safety locking system: Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No Stainless steel AISI 420 Perbunan® No	Material valve:	Zinc diecasting nickel plated
Material seal: Weight in kg: 0,1114 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Pes Pin lock: Ultra-FLO-valve: Vacuum suitable: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: Perbunan® 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: Yes Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Vacuum suitable: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No O,1114 No No Self-venting coupling: No	Material balls/pins:	Stainless steel AISI 420
Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Vacuum suitable: Yes Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: No Hydraulics: No	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: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Weight in kg:	0,1114
Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ves Pin lock: No Ultra-FLO-valve: Vacuum suitable: Vacuum suitable: Ves Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No No	Self-venting coupling:	No
Two-hand operation: No Ball locking: 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	Safety locking system:	No
Ball locking: 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	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	Two-hand operation:	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	Ball locking:	Yes
Vacuum suitable: Water-resistant: No Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No	Pin lock:	
Water-resistant: No Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Ultra-FLO-valve:	No
Flat-sealing: Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No	Vacuum suitable:	Yes
Suitable breath / respiratory protection: Pressure eliminator: No Hydraulics: No	Water-resistant:	No
Pressure eliminator: No Hydraulics: No	Flat-sealing:	No
Pressure eliminator: No Hydraulics: No	Suitable breath / respiratory protection:	No
7		No
Pneumatics: Yes	Hydraulics:	No
	Pneumatics:	Yes
Standard product: No	Standard product:	No
Mould coupling: No	•	No

Dimensions

Connection A:	R 3/8
D mm:	23
L mm:	62
L1 mm:	12
SW mm:	19