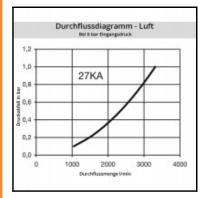
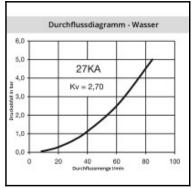


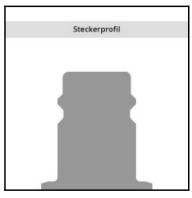
Datasheet of 27KAAK26BPN Quick coupling with male thread D U S T



RECTUS







Description

Quick coupling single shut-off, male thread R 3/4, nominal diameter 10, <35 bar, brass nickel plated, seal NBR

1/2 universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage tothe valve body.

Details

Series long: 27KA Bore in mm: 10 Bore area in mm²: 80 One-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFlor valve. Compatibility: RECTUS 41 RECTUS 1700 RECTUS 1727 TEMA 1 35 bar maximum static working pressure with safety factor 4 to 1. Working pressure: 35 bar maximum static working pressure with safety factor 4 to 1. Working temperature: (EPDM) -15°C up to +200°C (FKM) 0°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°t (FKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/4° Connection description: Male thread of Whitworth form DIN 2999 3/4 Connection description: Male thread of Whitworth form DIN 2999 3/4 Material: Brass nickel plated Material description: Nitrite-butadene rubber Surface: nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material seal: Perbunan® Meterial seal: Perbunan® Weight in kg: 0,176 Self-venting coupling: No Safety locking system: No Single-hand operation: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Presurre eliminator: No	Series:	27
Bore in mm: Bore area in mm?: Bore area in ministes design ministes are area in a safety along the valve bod? Up to +120/150°C (EPDM) -150°C up to +120/150°C (EPDM) -150°C up to +120/150°C up to +120/150°C (EPDM) -150°C up to +120/150°C up to +130°C up to +120°C (EPDM) -150°C up to +120°C (EPDM) -150°C up to +120°C (EPDM) -150°C up to +120°C up to +120		
Bore area in mm²: Advantages: Compatibility: RECTUS 41 RECTUS 1700 RECTUS 1727 TEMA 1 35 bar maximum static working pressure with staffet factor 4 to 1. Working pressure: Working temperature: (EPDM) -15°C up to +100°C (NBR) -40°C up to +120/150°C (FFKM) depending on the medium. Shut-Off: Connection: Connection: Male thread 3/4" Connection type: Male thread of Whitworth form DIN 2999 3/4 Material description: Brass nickel plated Material connection: Brass cuZn39Pb3 2.0401 (completely) Seal description: Brass cuZn39Pb3 2.0401 (completely) Seal description: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material seleve: Material seleve: Brass nickel plated Material seleve: Material seleve: No No No No No No No Presurre eliminator: No Pressure eliminator: No Pressure eliminator: No Presuration: No No Presuration: No No Presuration: No No Presuration: No No No Presuration: No No No		
Advantages: One-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFic valve. Compatibility: RECTUS 41 RECTUS 1700 RECTUS 1727 TEMA 1 35 bar maximum static working pressure with safety factor 4 to 1. Working pressure: Working temperature: (EPDM) -15°C up to +100°C (NBR) -40°C up to +120/150°C (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FKM) 0°C up to +316°C (FKM) 0°C up to +316°C (PFKM) 0°C up to +316°C		80
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) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) -15°C up to +200°C (FKM) 0°C up to +316°C (PFM) 0°C up to +316°C up to +316		One-hand operation. Low pressure Drop. The collar design minimises damage to the valve body. UltraFlo
Working pressure: -20°C up to +10°C (NBR) -40°C up to +120/150°C (FFM) -15°C up to +20°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/4" Connection description: Male thread of Whitworth form DIN 2999 3/4 Connection type: Male thread Material: Brass nickel plated Material description: Surface: Mitrite-butadiene rubber 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 spring stainless steel AISI 301 Material seal: Weight in kg: O,176 Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: No Single-hand operation: No Ultra-FLO-valve: No Ultra-FLO-valve: No Ultra-FLO-valve: No Ultra-FLO-valve: No Ultra-FLO-valve: No Ultra-FLO-valve: No Pressure eliminator:	Compatibility:	RECTUS 41 RECTUS 1700 RECTUS 1727 TEMA 1700
Working temperature: (EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C (FFKM) depending on the medium. Shut-Off: Quick coupling Single Shut-Off Connection: Male thread 3/4" Connection description: Male thread of Whitworth form DIN 2999 3/4 Connection type: Male thread Material: Brass nickel plated Material description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Brass nickel plated Material over the description: Brass nickel plated Material valve body: Brass nickel plated Material sleeve: Brass nickel plated Material spring snap ring: stainless steel AISI 301 Material balls/pins: Stainless steel AISI 420 Material seal: Perbunan® Weight in kg: 0,176 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 Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes	Working pressure:	9.
Connection: Connection description: Connection description: Male thread of Whitworth form DIN 2999 3/4 Connection type: Material: Brass nickel plated Material description: Surface: Mitrite-butadiene rubber Material connection: Brass nickel plated Material connection: Brass nickel plated Material valve body: Brass nickel plated Material spirul	Working temperature:	(EPDM) -15°C up to +200°C (FKM) 0°C up to +316°C
Connection description: Male tapered thread of Whitworth form DIN 2999 3/4 Connection type: Male thread Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (completely) Seal description: Nitrite-butadiene rubber Surface: nickel plated Material connection: Material valve body: Brass nickel plated Material valve body: 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: 0,176 Self-venting coupling: Safety locking system: No Single-hand operation: Yes Two-hand operation: Yes Two-hand operation: No Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes Pneumatics: Yes	Shut-Off:	Quick coupling Single Shut-Off
Connection type: Male thread Material: Brass nickel plated Material description: Brass CuZn39Pb3 2.0401 (completely) Seal description: 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 spring snap ring: stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,176 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: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presumatics: Yes	Connection:	Male thread 3/4"
Material: Material description: Brass CuZn39Pb3 2.0401 (completely) Seal description: Nitrite-butadiene rubber Naterial connection: Brass nickel plated Material valve body: Brass nickel plated Material selve: Brass nickel plated Material selve plated Material sping snap ring: Stainless steel AISI 301 Material spring snap ring: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,176 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: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Presuratics: Yes	Connection description:	Male tapered thread of Whitworth form DIN 2999 3/4
Material description: Seal description: 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 spring snap ring: 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: O,176 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 Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Pneumatics: Yes	Connection type:	Male thread
Seal description: Surface: Material connection: Material valve body: Material sleeve: Material valve: Material spring snap ring: Material seal: Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: Two-hand operation: Wold in locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: Waterial spring: No Suitable breath / respiratory protection: Pressure eliminator: No Pressure eliminator: No Material seal: No	Material:	Brass nickel plated
Surface: Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material seal: Material seal: Meight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Suitable breath / respiratory protection: Pressure eliminator: No Pressure eliminator: No Material seal: Perbunan® No Stainless steel AISI 301 Material seal: Perbunan® No Stainless steel AISI 420 No No Stainless steel AISI 420 No No No Self-venting coupling: No No No Single-hand operation: No No Single-hand operation: No No Ves Pin lock: No Vacuum suitable: No No Vacuum suitable: No No No Pressure eliminator: No Pressure eliminator: No Preumatics: Yes	Material description:	Brass CuZn39Pb3 2.0401 (completely)
Material connection: Material valve body: Material sleeve: Material sleeve: Material spring snap ring: Material spring snap ring: Material seal: Material seal: Meight in kg: Self-venting coupling: Safety locking system: No Single-hand operation: Two-hand operation: Mo Ball locking: Pin lock: Ultra-FLO-valve: No Water-resistant: Flat-sealing: No Material seal: Perbunan® No No No No Safety locking system: No No Single-hand operation: Yes No Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pneumatics: Yes	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: Perbunan® Weight in kg: Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: Yes Flat-sealing: No Mo Mo Material seal: Perbunan® No No No Safety locking system: No No Single-hand operation: No Ball locking: Yes Pin lock: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Pressure eliminator: No Preumatics: Yes	Surface:	nickel plated
Material sleeve: Material valve: Material spring snap ring: Material balls/pins: Material seal: Weight in kg: Self-venting coupling: Single-hand operation: Two-hand operation: Pin lock: Vacuum suitable: Vacuum suitable: Vacuum suitable: Vacuum suitable breath / respiratory protection: Pressure eliminator: Hydraulics: Pass nickel plated Brass nickel plated Brass Stainless steel AISI 301 Stainless steel AISI 420 Perbunan® No No No Self-venting coupling: No No No Ves No Ves No Ves Flat-sealing: No Pressure eliminator: No Presure eliminator: No Prenumatics: Yes	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: 0,176 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: No Ball locking: Yes Pin lock: Ultra-FLO-valve: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Presure eliminator: No Prenumatics: Yes	Material valve body:	Brass nickel plated
Material spring snap ring: Material balls/pins: Stainless steel AISI 301 Material seal: Perbunan® Weight in kg: 0,176 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: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Material sali stainless steel AISI 301 No No No No No No No No No Pressure eliminator: No Presure eliminator: No Presuresics: Yes	Material sleeve:	Brass nickel plated
Material balls/pins: Material seal: Perbunan® Weight in kg: 0,176 Self-venting coupling: No Safety locking system: No Single-hand operation: Two-hand operation: Ball locking: Pin lock: Ultra-FLO-valve: Vacuum suitable: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Material balls/pins: Perbunan® No No No No No No No Suitable breath / respiratory protection: No Pressure eliminator: No Presumatics: Yes	Material valve:	Brass
Material seal: Perbunan® Weight in kg: 0,176 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: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	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: Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No No No No No No No Presure eliminator: No Preumatics: 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: Vacuum suitable: Vacuum suitable: Vater-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: No No No No No Pressure siminator: No Pressure siminator No Press	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: No Water-resistant: Yes Flat-sealing: No Suitable breath / respiratory protection: No Pressure eliminator: No Hydraulics: No Pneumatics: Yes	Weight in kg:	0,176
Single-hand operation: Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes No No No No No No No Pressure Ves No No No No No No Pressure Ves No No No No No Pressure Ves No No Pressure Ves No No Pressure Ves No Pressure Ves	Self-venting coupling:	No
Two-hand operation: Ball locking: Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: No No No No Pressure eliminator: Pressure eliminator: No Pressure eliminat	Safety locking system:	No
Ball locking: Yes Pin lock: No Ultra-FLO-valve: No Vacuum suitable: No 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: No 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: No Water-resistant: Flat-sealing: Suitable breath / respiratory protection: Pressure eliminator: Hydraulics: No Pneumatics: Yes	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:	No
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
	Pneumatics:	Yes
Standard product: No	Standard product:	No
Mould coupling: No	Mould coupling:	No

Dimensions

Connection A:	R 3/4
D mm:	27
L mm:	65
L1 mm:	17
SW mm:	27