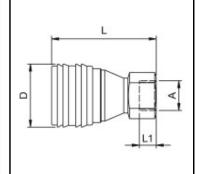
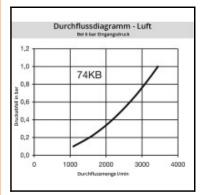
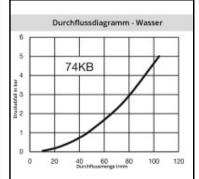
# Datasheet of 74KBIW21MPX Quick coupling with female thread D U S T









# Steckerprofil

# Description

Quick coupling double shut-off, female thread G 1/2, nominal diameter 11, <150 bar, brass, seal NBR

Coupling series 74kb with plug profile compliant with ISO 7241-1 series B. Particularly suited to use with liquid medio. Coupling system with two-hand operation, i.e. both hands are required when coupling/uncoupling. The coupling series stands out for its high flow rates against a low pressure drop.

RIE

## Details

Advantages:ring sealing.Working pressure:150 bar maximul factor 4 to 1.Working temperature:-20°C up to +100 (FKM)depending Shut-Off:Connection:Female thread 1Connection description:Female thread 1Connection description:Female thread 1Connection type:Female thread 1Material:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
Bore area in mm²:95Advantages:Particularly suite ring sealing.Working pressure:150 bar maximul factor 4 to 1.Working temperature:-20°C up to +100 (FKM)dependingShut-Off:Quick coupling E Connection:Connection description:Female thread 1 Connection description:Connection description:Female threadMaterial:BrassMaterial description:BrassMaterial connection:BrassMaterial connection:BrassMaterial connection:BrassMaterial connection:BrassMaterial seleve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesPin lock:NoUutra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
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Advantages:ring sealing.Working pressure:150 bar maximul factor 4 to 1.Working temperature:-20°C up to +100 (FKM)depending Shut-Off:Connection:Female thread 1Connection description:Female thread 1Connection description:Female threadMaterial:BrassMaterial description:BrassMaterial description:BrassMaterial connection:BrassMaterial connection:BrassMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
Working pressure:factor 4 to 1.Working temperature:-20°C up to +100 (FKM)dependingShut-Off:Quick coupling IConnection:Female thread 1Connection description:Female threadConnection type:Female threadMaterial description:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoVacuum suitable:YesWater-resistant:Yes	d to use with liquid medio. Double O-
Working temperature.(FKM)dependingShut-Off:Quick coupling IConnection:Female thread 1Connection description:Female pipe threeConnection type:Female threadMaterial:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoVacuum suitable:YesWater-resistant:Yes	n static working pressure with safety
Connection:Female thread 1Connection description:Female pipe threeConnection type:Female threadMaterial:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	°C (NBR) -15°C up to +200°C on the medium.
Connection description:Female pipe threeConnection type:Female threadMaterial:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	ouble Shut-Off
Connection type:Female threadMaterial:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	/2"
Material:BrassMaterial description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:YesBall locking:YesPin lock:NoVacuum suitable:YesWater-resistant:Yes	ad of Whitworth form ISO 228 1/2"
Material description:Brass CuZn39PtSeal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:NoTwo-hand operation:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
Seal description:Nitrite-butadieneSurface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoVacuum suitable:YesWater-resistant:Yes	
Surface:blank finishMaterial connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	o3 2.0401 (except sleeve)
Material connection:BrassMaterial valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	rubber
Material valve body:BrassMaterial sleeve:BrassMaterial sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
Material sleeve:BrassMaterial valve:BrassMaterial spring snap ring:stainless steel AMaterial spring snap ring:Stainless steel AMaterial balls/pins:Stainless steel AMaterial seal:Perbunan®Weight in kg:0,41Self-venting coupling:NoSafety locking system:NoSingle-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	
Material valve:   Brass     Material spring snap ring:   stainless steel A     Material balls/pins:   Stainless steel A     Material seal:   Perbunan®     Weight in kg:   0,41     Self-venting coupling:   No     Safety locking system:   No     Single-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	
Material spring snap ring:   stainless steel A     Material balls/pins:   Stainless steel A     Material seal:   Perbunan®     Weight in kg:   0,41     Self-venting coupling:   No     Safety locking system:   No     Single-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	
Material balls/pins:   Stainless steel A     Material seal:   Perbunan®     Weight in kg:   0,41     Self-venting coupling:   No     Safety locking system:   No     Single-hand operation:   No     Two-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	
Material seal:   Perbunan®     Weight in kg:   0,41     Self-venting coupling:   No     Safety locking system:   No     Single-hand operation:   No     Two-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	SI 301
Weight in kg:0,41Self-venting coupling:NoSafety locking system:NoSingle-hand operation:NoTwo-hand operation:YesBall locking:YesPin lock:NoUltra-FLO-valve:NoVacuum suitable:YesWater-resistant:Yes	ISI 420
Self-venting coupling:   No     Safety locking system:   No     Single-hand operation:   No     Two-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	
Safety locking system:   No     Single-hand operation:   No     Two-hand operation:   Yes     Ball locking:   Yes     Pin lock:   No     Ultra-FLO-valve:   No     Vacuum suitable:   Yes     Water-resistant:   Yes	
Single-hand operation: No   Two-hand operation: Yes   Ball locking: Yes   Pin lock: No   Ultra-FLO-valve: No   Vacuum suitable: Yes   Water-resistant: Yes	
Two-hand operation: Yes   Ball locking: Yes   Pin lock: No   Ultra-FLO-valve: No   Vacuum suitable: Yes   Water-resistant: Yes	
Ball locking: Yes   Pin lock: No   Ultra-FLO-valve: No   Vacuum suitable: Yes   Water-resistant: Yes	
Pin lock: No   Ultra-FLO-valve: No   Vacuum suitable: Yes   Water-resistant: Yes	
Ultra-FLO-valve: No   Vacuum suitable: Yes   Water-resistant: Yes	
Vacuum suitable: Yes Water-resistant: Yes	
Water-resistant: Yes	
Flat-sealing: No	
Suitable breath / respiratory protection: Yes	
Pressure eliminator: No	
Hydraulics: Yes	
Pneumatics: Yes	
Standard product: Yes	
Mould coupling: Yes	

### Dimensions

Connection A:	G 1/2
D mm:	44,5
L mm:	76
L1 mm:	16
SW mm:	27