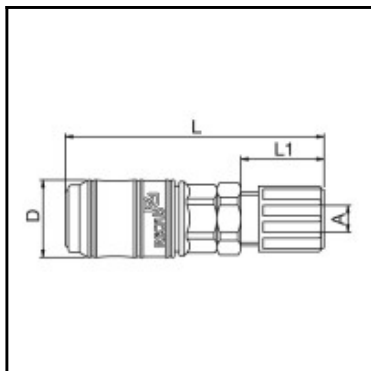# Datasheet of 48KBKP08FVP Quick coupling with plastic tube connection

Kein Foto vorhanden

Description

Quick coupling double shut-off, for plastic tube 6 x 8 mm, nominal diameter 7, <8 bar, PVDF, seal FKM

Coupling series made of POM and PVDF has been developed for use in the medical, chemical, food handling, pharmaceutical and laboratory technology industries. The system is also available in a solid plastic design (RectuChem+). Here the metal springs are replaced by springs made of PEEK, an extremely resistant synthetic material.

Details

Series:	48
Series long:	48KB
Bore in mm:	7
Bore area in mm²:	38
Advantages:	Coupling system with single-hand operation. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling. The coupling is also available with no valve for a straightthrough system.
Working pressure:	PB = 8 bar (PVDF with springs made of steel) PB = 8 bar (PVDF with springs made of PEEK), maximum static working pressure with safety factor 4 to 1.
Working temperature:	-20°C up to +120°C depending on the medium.
Shut-Off:	Quick coupling Double Shut-Off
Connection:	Plastic tube connection 6 x 8 mm
Connection description:	Plastic tube connection 6 x 8 mm
Connection type:	Connection nut
Material:	PVDF
Material description:	PVDF
Seal description:	Fluororubber
Surface:	Pressure springs made of PEEK
Material connection:	PVDF, white
Material valve body:	PVDF, white
Material sleeve:	PVDF, white
Material valve:	PVDF, white
Material spring snap ring:	PEEK 450G
Material balls/pins:	PEEK 450G
Material seal:	Viton®
Weight in kg:	0,0362
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
Hydraulics:	No
Pneumatics:	Yes
Standard product:	No
Mould coupling:	No

Durchflussdiagramm - Luft

Bei 8 bar Eingangsdruck

Durchflussdiagramm - Wasser

Steckerprofil

Dimensions

Connection A:	6 x 8 mm
D mm:	26
L mm:	80
L1 mm:	21
SW mm:	21