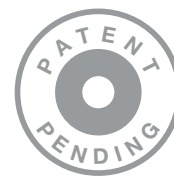


DAG quick-release couplings

Thermal management



Quick and secure connections for your cooling circuits



Fluids

- Glycol water
- Cooling liquids

Applications

- High performance computer
- Data Centre
- Internet switch
- Broadcasting
- Medical

Automatic

The one hand automatic locking system makes the connection quick and easy to operate.

Non-drip to ensure cleanliness and safety of installations

The flat-faced design guarantees a perfect tightness and total safety at the heart of your processes:

- No contamination of the environment due to fluid loss.
- Suitable for electrical and high voltage environments.

Compact

For easy integration into installations such as data centres and supercomputers.

Easy assembly

Front sealing by O-ring fitted into all back adapters.

Visual circuit identification


Coloured markings (blue **/KB** and red **/KR**) allow operators to easily identify input and output circuits to ensure a reliable, tight and secure connection between cooling circuits.



The opportunity to spend less and contribute to a sustainable development programme

- With Stäubli, you can rely on:
- the performance of your equipment
 - reliability of long-term investments
 - no workplace pollution

Technical characteristics

	DAG 03	DAG 06	DAG 09
Nominal diameter DN (mm)	03	06	09
Max. allowable pressure PS (bar)	16	16	16
Minimum and maximum allowable temperatures TS (°C)	-20 and +150	-20 and +150	-20 and +150
Shut-off	double 		

Construction

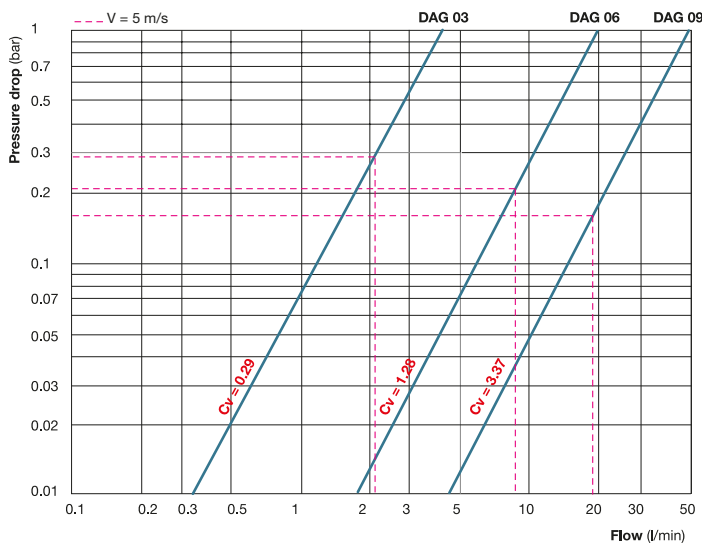
Stainless steel

Sealing

Type of seals: Ethylene-Propylene (EPDM)

Important ! The use and any contact of the Ethylene-Propylene (EPDM) seal with fluids of mineral origin (oil, fat... etc.) are not advised.

Hydraulic flow rate / pressure drop charts



Flow (l/min) for a speed of 5 m/s:

DAG 03 2.12

DAG 06 8.48

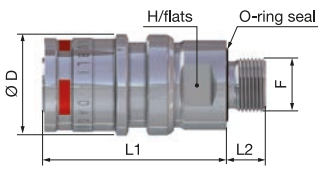
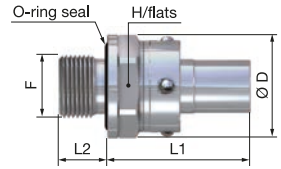
DAG 09 19.09

Test conditions:

Fluid: water

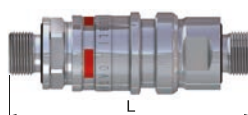
Direction of flow: socket → plug

Part numbers

	Model	Fitting F	Dimensions (mm)				Part numbers	
			Ø D	L1	L2	H/flats		
Male thread socket 	DAG 03	G 1/8	18	37.2	8	2 flats of 13	DAG 03.1150/JE/FS/KB DAG 03.1150/JE/FS/KR	
	DAG 06	G 3/8	27	49.8	11	2 flats of 21	DAG 06.1152/JE/FS/KB DAG 06.1152/JE/FS/KR	
		UNF 9/16 - 18	27	49.3	10,5	2 flats of 21	DAG 06.1414/UN/JE/FS/KB DAG 06.1414/UN/JE/FS/KR	
	DAG 09	G 1/2	34.5	61.7	14	2 flats of 26	DAG 09.1153/JE/FS/KB DAG 09.1153/JE/FS/KR	
	Male thread plug 	DAG 03	G 1/8	16.5	23	8	15	DAG 03.7150/JE/FS/KB DAG 03.7150/JE/FS/KR
		DAG 06	G 3/8	23.5	33	11	21	DAG 06.7152/JE/FS/KB DAG 06.7152/JE/FS/KR
UNF 9/16 - 18			23.5	32.5	11	21	DAG 06.7414/UN/JE/FS/KB DAG 06.7414/UN/JE/FS/KR	
DAG 09		G 1/2	31	40.3	14	28	DAG 09.7153/JE/FS/KB DAG 09.7153/JE/FS/KR	

Overall dimensions in connected position

Model	Fitting	L (mm)
DAG 03	G 1/8	59.4
DAG 06	G 3/8	80.7
DAG 06	UNF 9/16 - 18	79.7
DAG 09	G 1/2	100.4





● Staubli Units ○ Representatives/Agents

Global presence of the Staubli Group

www.staubli.com