

Description

Quick disconnect couplings are designed for applications, where fast connection and disconnection of hydraulic lines is a need of the system.

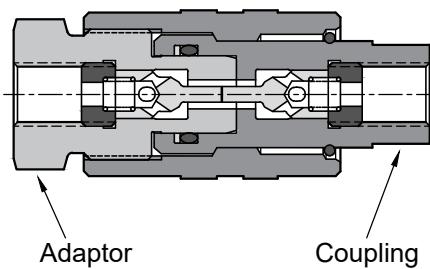
These couplings when connected offers unrestricted flow passage.

They are designed for reliable and safe operations by avoiding premature flow before the coupling is fully closed.

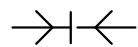


Section

(Self sealing Coupling, Self sealing adaptor illustrated)



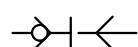
Hydraulic Symbol



Coupling Type

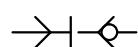
Through type Adaptor
Through type Coupling

AT
CT



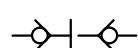
Self sealing Adaptor
Through type Coupling

AS
CT



Through type Adaptor
Self sealing Coupling

AT
CS



Self sealing Adaptor
Self sealing Coupling

AS
CS

Unit Dimensions

End connections (Female threading)

BSP - **G**

Metric - **M**

Dimensions in mm.

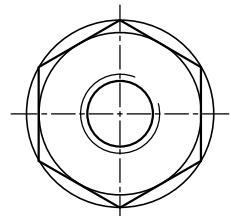
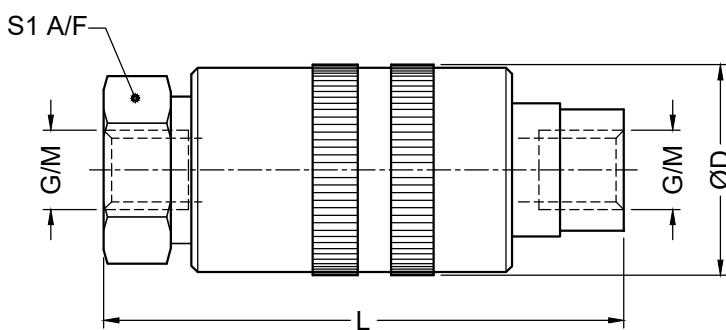
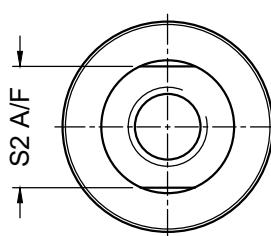
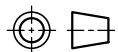


Table No. 1

Pressure (bar)	G	M	S1	S2	ØD	L	Mass (Kg)
800	G 1/4	M14x1.5	27	19	35	86	0.45
800	G 3/8	M18x1.5	32	22	37	88	0.53
600	G 1/2	M22x1.5	41	30	46	116	1.05
500	G 3/4	M26x1.5	50	36	56	130	1.80
400	G 1	M33x2.0	55	41	62	150	2.35



The right connection
The right environment

Quick Disconnect Coupling QDC

Ref. No. H03297

Release: Apr 2025

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Technical Specifications

Construction ----- Poppet type
Operating pressure ----- Refer Table No. 1
Hydraulic medium ----- Mineral oil.
Viscosity range ----- 10 cSt to 380 cSt
Fluid temperature range ----- -20 °C to +80 °C.
Fluid cleanliness requirement----- As per ISO 4406 20/18/15

Caution : Pressure on the hydraulic lines must be released before they are connected / disconnected.

Ordering Code

QDC	G02	AS	CS	V	2.0	
Quick Disconnect Coupling					Design Series Subject to revision	
End Connections					Seals	
G 1/4 G02					Omit Nitrile	
G 3/8 G03					V FKM (Viton)	
G 1/2 G04					Coupling Type	
G 3/4 G06					Omit For Adaptor only	
G 1 G08					CS Self Sealing	
M14x1.5 M14					CT Through type	
M18x1.5 M18					Adaptor Type	
M22x1.5 M22					Omit For Coupling only	
M26x1.5 M26					AS Self Sealing	
M33x2.0 M33					AT Through type	

Note : Add prefix 316 to the above part code for SS 316 Quick disconnect couplings.
e.g. **316-QDCG02ASCS-2.0**

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Subject to change without notice.

Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.