

Full-Flow Double Interlock Quick Coupling

Fig. Q800

Product specifications

The Q800 series is designed for fluid transfer and electronic cooling applications where full-flow capability, fluid compatibility, and safety are critical. This quick coupling features identical left and right halves with an interlock mechanism that entirely prevents accidental disconnection, ensuring maximum safety.

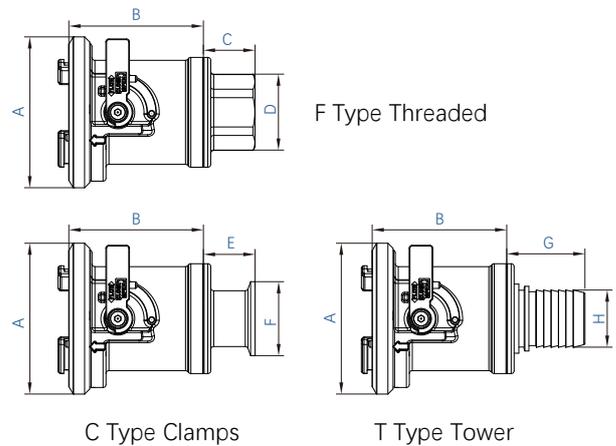
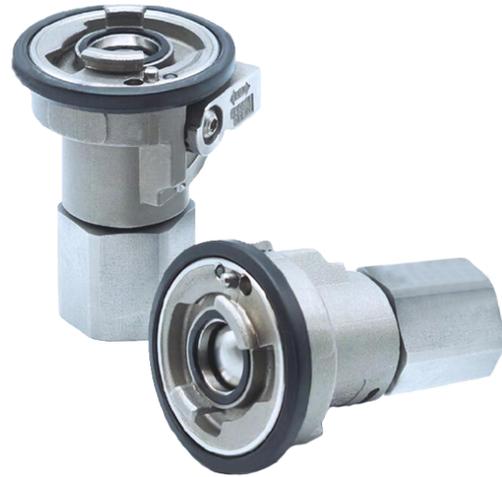
Product features

- Foolproof interlock pin design with dual interlocks to prevent accidental opening;
- Identical mating couplings;
- Easy maintenance and service, reliable performance, and minimal spillage;
- Coupling material: 304 stainless steel, suitable for a wider range of media (other materials available upon request);
- Seal material: EPDM (other materials available upon request);

Material

Part	材料	标准
Body	Stainless Steel	SS304
Ball Valve	Stainless Steel	SS304
Seal	EPDM	EPDM
Handle	Stainless Steel	SS304

Schematic



Dimensions

Fig	DN		A	B	Threaded		Clamps		Tower		Specifications
	mm	inch			C	D	E	F	G	H	
Q801	20	3/4	71	55	20	32	28	50.5	44	16	3/4" -14
Q802	25	1	71	55	40	41	28	50.5	44	25	1" -11.5
Q803	32	1-1/4	85	84	35	47	35	50.5	50	39	1 1/4" -11.5
Q804	40	1-1/2	105	90	40	55	35	50.5	50	40	1 1/2" -11.5
Q805	50	2	126	108	40	68	40	64	55	50	2" -11.5

WARCO reserves the right to change dimensions without notice.

Full-Flow Double Interlock Quick Coupling

Fig. Q800

Parameters

Working Parameters	After connecting		Disconnect	
	(bar)	(psi)	(bar)	(psi)
Highest pressure	10	150	10	150
Minimum pressure	20	300	20	300

Specification	Q801/Q802		Q803/Q804		Q805	
	(lpm)	(gpm)	(lpm)	(gpm)	(lpm)	(gpm)
Traffic parameters						
Rated flow	175	46	480	125	757	200
Fluid loss (cc.max)	5.0					

Flow - Pressure Drop Curve

Flow - Pressure Drop Curve

