

Surpass Model QCH Quick connector

SPECIFICATIONS

Fluid pressure	450kPa
Temperature range	5~70°C
Connection size	3: Rc3/8, 4: Rc1/2, 6: Rc3/4, 25A: Rc1, 40A: Rc1/2
Wetted parts	- 3-4-6: PCTFE, Various types of O-ring, PTFE, PFA - 25A-40A: PCTFE, Various types of O-ring, PTFE

CAUTION

Please apply operating fluids or DI water to the sealing part before using this product.



MODELS / DIMENSIONS

Plug type	O-ring	Connection	ØA	B	C	D	Width across flat	Cap type
QCH-WP-3P	Perfluor	Rc3/8	30.0	16.5	28.8	45.3	26.0	QC-3-PP-P
QCH-WK-3P	Kalrez®	Rc3/8	30.0	16.5	28.8	45.3	26.0	QC-3-PP-P
QCH-WP-4P	Perfluor	Rc1/2	35.0	22.4	28.5	50.9	30.0	QC-4-PP-P
QCH-WK-4P	Kalrez®	Rc1/2	35.0	22.4	28.5	50.9	30.0	QC-4-PP-P
QCH-WP-6P	Perfluor	Rc3/4	40.0	22.4	34.1	56.5	37.0	QC-6-PP-P
QCH-WK-6P	Kalrez®	Rc3/4	40.0	22.4	34.1	56.5	37.0	QC-6-PP-P
QCH-WP-25AP	Perfluor	Rc1	50.0	34.2	28.6	62.8	46.0	QC-25A-PP-P
QCH-WK-25AP	Kalrez®	Rc1	50.0	34.2	28.6	62.8	46.0	QC-25A-PP-P
QCH-WP-40AP	Perfluor	Rc1 1/2	73.0	51.0	47.0	98.0	66.0	QC-40A-PP-P
QCH-WK-40AP	Kalrez®	Rc1 1/2	73.0	51.0	47.0	98.0	66.0	QC-40A-PP-P

Socket type	O-ring	Connection	(ØA)	(ØB)	(C)	(D)	(E)	Width across flat	Cap type No.
QCH-WP-3S	Perfluor	Rc3/8	35.0	30.0	22.3	61.8	90.5	26.0	QC-3-PP-S
QCH-WK-3S	Kalrez®	Rc3/8	35.0	30.0	22.3	61.8	90.5	26.0	QC-3-PP-S
QCH-WP-4S	Perfluor	Rc1/2	45.0	35.0	24.5	72.5	101.0	30.0	QC-4-PP-S
QCH-WK-4S	Kalrez®	Rc1/2	45.0	35.0	24.5	72.5	101.0	30.0	QC-4-PP-S
QCH-WP-6S	Perfluor	Rc3/4	50.0	40.0	26.0	79.4	113.5	37.0	QC-6-PP-S
QCH-WK-6S	Kalrez®	Rc3/4	50.0	40.0	26.0	79.4	113.5	37.0	QC-6-PP-S
QCH-WFP-25AS	Perfluor •FEP Jacket	Rc1	70.0	50.0	36.0	97.0	125.6	46.0	QC-25A-PP-S
QCH-WFK-25AS	Kalrez® •FEP Jacket	Rc1	70.0	50.0	36.0	97.0	125.6	46.0	QC-25A-PP-S
QCH-WFP-40AS	Perfluor •FEP Jacket	Rc1 1/2	90.0	73.0	54.0	144.0	191.0	66.0	QC-40A-PP-S
QCH-WFK-40AS	Kalrez® •FEP Jacket	Rc1 1/2	90.0	73.0	54.0	144.0	191.0	66.0	QC-40A-PP-S

PART LIST

●Socket

●Plug

●Parts List

No.	Parts name	Material				
		3	4	6	25A	40A
1	Plug	PCTFE				
2	Socket	PCTFE				
3	Valve	PCTFE				
4	Stopper	PFA		PCTFE		
5	Sleeve	PCTFE		PP		
6	Spring for valve	PTFE				
7	Stop ring	PTFE		PP		
8	Spring for sleeve	PTFE				
9	Ball	PCTFE				
10	O-ring	*	*	*	*	*
11	O-ring	*	*	*	FEP	FEP

*Please refer to the model information for O-ring material.

FLOW CHARACTERISTICS

