

QC SERIES

PERFORMANCES

Size	Max.Fulow Suggested		Connect Force		Disconnect Force		Spillage
	l/min	GPM	N	lbf	N	lbf	
1/4"	23	6.07	60	13.50	25	5.63	0.70
3/8"	48	12.68	90	20.25	30	6.75	1.20
1/2"	65	17.17	70	15.75	55	12.38	2.10
3/4"	142	37.52	140	31.50	55	12.38	5.20
1"	258	68.16	190	47.75	55	12.38	9.00
1" 1/4	349	92.21	230	51.75	55	12.38	27.00
1" 1/2	502	132.63	250	56.25	70	13.75	49.00
2"	753	198.94	270	60.75	60	13.50	75.00

Size	Max.Operating Pressure						Burst Pressure					
	Coupled		Male		Female		Coupled		Male		Female	
	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
1/4"	35	5076	35	5076	35	5076	126	18270	126	18270	126	18270
3/8"	33	4786	33	4786	33	4786	100	14500	100	14500	100	14500
1/2"	32	4641	32	4641	32	4641	80	11600	80	11600	100	14500
3/4"	28	4061	28	4061	28	4061	100	14500	100	14500	100	14500
1"	25	3626	25	3626	25	3626	80	11600	80	11600	80	11600
1" 1/4	23	3336	23	3336	23	3336	80	11600	80	11600	80	11600
1" 1/2	22	3191	22	3191	22	3191	64	9280	64	9280	64	9280
2"	20	2900	20	2900	20	2900	40	5800	40	5800	40	5800

Fluid:OIL ISO VG46

Temperature:40 °C

Viscosity:41.4-50.6 mm²/s

- Spillage is an indicative value of the fluid loss during disconnection

Test Pressure:5.0 Bar

Test in Accordance:ISO 18869:2017

Temperature Range:

Seals in NBR (Nitrile): From -20 °C to +100 °C (-4 °F to +121 °F)

Upon request seals in VITON[®] :From -15 °C TO +180 °C (+5 °F to +356 °F)