



## Brass full circle wedge drive impact sprinkler, 1/2" male

- Corrosion resistant
- Made from high quality brass
- Stainless steel spring
- Low precipitation rate applications
- Brass nozzles
- Suits both solid set and portable systems



## Performance Table - W8023W

Nozzle mm	P PSI	P Kpa	Q m3/h	Q L/m	Diameter m
1.6	30	200	0.144	2.4	17.0
	35	240	0.156	2.6	17.7
	40	275	0.168	2.8	18.3
	45	310	0.174	2.9	19.5
	50	344	0.186	3.1	20.1
	55	379	0.198	3.3	20.7
	60	413	0.204	3.4	21.3
2.0	65	448	0.216	3.6	21.3
	30	200	0.228	3.8	18.3
	35	240	0.246	4.1	19.1
	40	275	0.258	4.3	19.5
	45	310	0.276	4.6	20.1
	50	344	0.294	4.9	20.7
	55	379	0.306	5.1	20.7
60	413	0.318	5.3	21.3	
65	448	0.330	5.5	21.9	

Nozzle mm	P Bar	P Kpa	Q m3/h	Q L/m	Diameter m
2.4	30	200	0.330	5.5	20.1
	35	240	0.354	5.9	20.1
	40	275	0.378	6.3	20.7
	45	310	0.396	6.6	21.3
	50	344	0.420	7.0	21.9
	55	379	0.440	7.4	21.9
	60	413	0.462	7.7	23.0
2.8	65	448	0.480	8.0	23.1
	30	200	0.440	7.4	20.7
	35	240	0.480	8.0	21.3
	40	275	0.510	8.5	21.9
	45	310	0.540	9.0	21.9
	50	344	0.570	9.5	22.5
	55	379	0.600	10.0	23.1
60	413	0.624	10.4	24.4	
65	448	0.654	10.9	25.0	

## Operating Range

### Imperial

Operating Range: 25-65 psi  
 Flow Rate: 0.6 - 3.0 GPM  
 Radius: 28 - 41 ft

### Metric

Operating Range: 170 - 450 Kpa  
 Flow Rate: 2.4 - 11.0 l/min  
 Radius: 8.5 - 12.50 m