



**Nodolini**  
SPRINKLERS

**A.W. - ABRASIVE WATER**





These sprinklers have been designed for ABRASIVE, CORROSIVE WATER and CORROSIVE ENVIRONMENT , these models are normally used is in the mining sector.

Mechanical parts are internal and protected against corrosion.

Aluminium parts are treated with anodic oxidation, plastic coating and cataphoresis.

All the screws, nuts, washers and pins are in stainless-steel AISI 304 / 316 .

Nozzles and secondary nozzles are made in Aluminium-Bronze EN CC333G or DUPLEX stainless-steel AISI 329.

The straighten inside the conical pipe is covered with a thick layer of non-abrasive polyurethane material .

Sprinklers can be used with HIGH PRESSURE (1500 kPa - 15 atm).

A conical pipe ensures high performance.

The sprinkler can operate with a minimum angle of just 4°.

Unlike impact sprinklers it does not have a brake which causes problems over time.



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### S70 - 25° A.W.

LONG THROW  
Flange connection



Long range turbine irrigator designed to obtain maximum output with medium power systems.

Nozzle Ø mm	Pressure atm.	Discharge l/min	Length of jet m
24	4,0 - 5,0 - 6,0	729 - 815 - 893	45 - 52 - 55
26	4,0 - 5,0 - 6,0	856 - 957 - 1048	47 - 53 - 57
28	4,0 - 5,0 - 6,0	992 - 1109 - 1215	49 - 54 - 59
30	5,0 - 6,0 - 7,0	1272 - 1393 - 1505	55 - 61 - 63
32	5,0 - 6,0 - 7,0	1449 - 1587 - 1714	57 - 63 - 66
34	6,0 - 7,0 - 8,0	1792 - 1935 - 2069	64 - 67 - 69
36	6,0 - 7,0 - 8,0	2009 - 2170 - 2320	65 - 69 - 71
38	7,0 - 8,0 - 9,0	2418 - 2585 - 2742	71 - 73 - 75

The technical characteristics are indicative and not binding



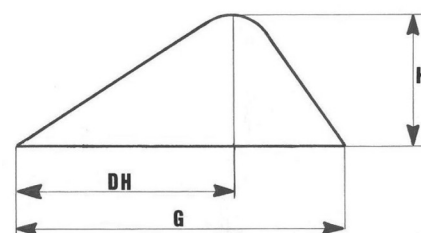
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# S70 - 43° DUST SUPPRESSION A.W.

Flange connection



\* DH = Distance from sprinkler to apogee

Nozzle Ø mm	Pressure atm.	Discharge l/min	Length of jet G m	Apogee H m	Distance DH* m
26	4,0 - 5,0 - 6,0	860 - 957 - 1060	47 - 51 - 53	17 - 19 - 21	31 - 35 - 37
28	4,0 - 5,0 - 6,0	997 - 1110 - 1225	49 - 54 - 57	18 - 22 - 25	32 - 38 - 40
30	5,0 - 6,0 - 7,0	1237 - 1394 - 1520	56 - 57 - 58	21 - 24 - 26	39 - 40 - 41
32	5,0 - 6,0 - 7,0	1475 - 1587 - 1735	61 - 63 - 66	22 - 25 - 27	40 - 42 - 43
34	5,0 - 6,0 - 7,0	1645 - 1792 - 1935	62 - 64 - 67	23 - 25,5 - 27,5	41 - 43 - 44
36	6,0 - 7,0 - 8,0	2008 - 2169 - 2316	68 - 71 - 73	25 - 29,5 - 34	48 - 50 - 53

The technical characteristics are indicative and not binding



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# S80 A.W.

LONG THROW  
Flange connection



Long range turbine sprinkler designed to obtain maximum output with medium power systems.

Nozzle Ø mm	Pressure atm.	Discharge l/min	Length of jet m
26	4,5 - 5,0 - 5,5	908 - 957 - 1004	49 - 52 - 53
28	4,5 - 5,0 - 5,5	1053 - 1110 - 1164	51 - 54 - 56
30	5,0 - 5,5 - 6,0	1273 - 1335 - 1394	55 - 57 - 60
32	5,5 - 6,0 - 6,5	1520 - 1587 - 1652	59 - 62 - 65
34	6,0 - 6,5 - 7,0	1792 - 1865 - 1935	63 - 66 - 68
36	6,0 - 7,0 - 8,0	2008 - 2169 - 2319	65 - 70 - 75
38	7,0 - 8,0 - 9,0	2418 - 2585 - 2742	73 - 76 - 79

The technical characteristics are indicative and not binding



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# S80 SUPER A.W.

VERY LONG THROW  
Flange connection



Nozzle Ø mm	Pressure atm.	Discharge l/min	Length of jet m
30	5,0 - 5,5 - 6,0	1273 - 1335 - 1394	56 - 60 - 62
32	6,0 - 6,5 - 7,0	1587 - 1652 - 1714	61 - 65 - 68
34	6,0 - 6,5 - 7,0	1792 - 1865 - 1935	63 - 66 - 70
36	7,0 - 8,0 - 9,0	2169 - 2319 - 2460	71 - 74 - 80
38	7,0 - 8,0 - 9,0	2418 - 2585 - 2742	73 - 78 - 83
40	8,0 - 9,0 - 10,0	2864 - 3038 - 3203	81 - 86 - 90
42	8,0 - 9,0 - 10,0	3120 - 3310 - 3490	83 - 89 - 93
44	9,0 - 10,0 - 11,0	3630 - 3830 - 4050	92 - 95 - 99

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