Smart Irrigation,
Create green Lives!

Product Manual 2024

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ZM 阳光雨人 SUN-RAINMAN

ZM

METAL IMPACT SPRINKLER

AGRICULTURE

ZM8028





• OPERATING RANGE

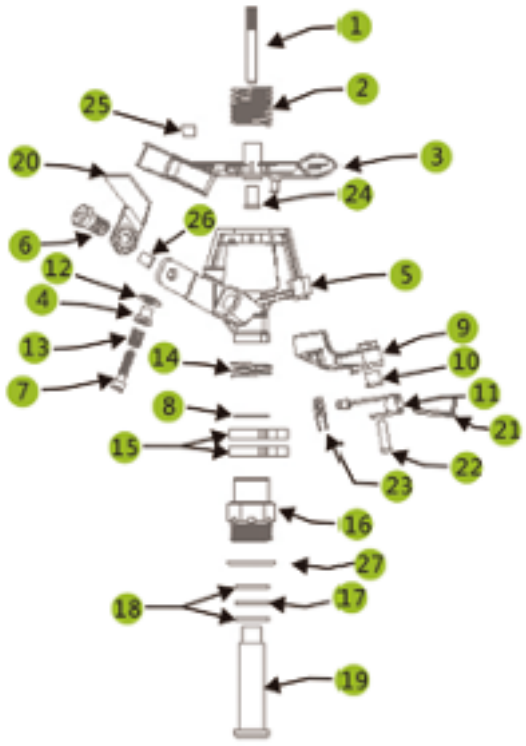
WORKING PRESSURE: 2.0-4.0 bar
FLOW RATE: 0.36-1.58m³/ h
SPRAY RADIUS: 10.5-13m.

• APPLICATIONS

1.USAGE
Designed for agricultural use in solid set,
Can also be used in landscape irrigation,

2.FEATURES
Powder coated zinc die cast construction;
Stainless steel springs and fulcrum pin;
1 / 2 " BSP / NPT male thread with O-ring;
20 to 340 arc or full circle operation;
Anti-tailgate drive arm Stainless steel trip

• PARTS & ACCESSORIES



#	Part No.	Material	Qty
1	8028-1	SS304	1
2	8028-2	SS304	1
3	8028-3	ZINC ALLOY	1
4	8028-4	BRASS	1
5	8028-5	ZINC ALLOY	1
6	8028-6	BRASS	1
7	8028-7	SS304	1
8	8028-8	TEFLON	1
9	8028-9	ZINC ALLOY	1
10	8028-10	POM	1
11	8028-11	SS304	1
12	8028-12	SS304	1
13	8028-13	SS304	1
14	8028-14	SS304	1
15	8028-15	SS304	2
16	8028-16	BRASS	1
17	8028-17	TEFLON	1
18	8028-18	RUBBER	2
19	8028-19	BRASS	1
20	8028-20	SS304	1
21	8028-21	SS304	1
22	8028-22	SS304	1
23	8028-23	SS304	1
24	8028-24	POM	1
25	8028-25	RUBBER	1
26	8028-26	BRASS	1
27	8028-27	RUBBER	1

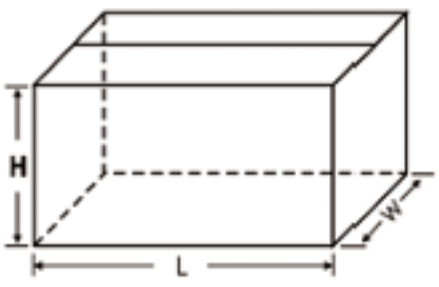
ZM8028

Nozzle specification data sheet

8028 XX XX		
Part No.	Nozzle Size	Nozzle Size
8028	XX	XX

Nozzle Size	Inch	MM
09	9/64"	3.60
10	5/32"	4.00
11	11/64"	4.40
12	3/16"	4.80

• PACKAGING



Item#	Qty/ctn	N.W./ctn	G.W./ctn	L x W x H (cm)	M3
ZM8028	32	7.37Kgs	7.95Kgs	46x43x12	0.026

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金属摇臂喷头
METAL IMPACT SPRINKLER

Performance data

Nozzle Size		Pre.	PSI	25	30	35	40	45	50	55
			Bars	1.72	2.07	2.41	2.76	3.10	3.45	3.79
	3.57mm	Rad.	Feet	33	37	39	42	45	45	46
			Meter	10.06	11.28	11.89	12.80	13.72	13.72	14.02
		Flow Rate	GPM	2.79	3.13	3.47	3.74	4.01	4.13	4.17
			L/Min	10.55	11.83	13.12	14.14	15.16	15.61	17.77
	3.96mm	Rad.	Feet	35	39	42	43	44	47	48
			Meter	10.67	11.89	12.80	13.11	13.41	14.33	14.63
		Flow Rate	GPM	3.54	3.94	4.35	4.62	4.90	5.17	5.44
			L/Min	13.40	14.94	16.49	17.52	18.55	19.58	20.61
	4.36mm	Rad.	Feet	37	41	43	45	46	48	48
			Meter	11.28	12.50	13.11	13.72	14.02	14.63	14.63
		Flow Rate	GPM	4.22	4.62	5.03	5.37	5.64	6.05	6.39
			L/Min	15.95	17.46	19.01	20.30	21.32	22.87	24.15
	4.76mm	Rad.	Feet	37	40	44	45	45	48	48
			Meter	11.28	12.20	13.41	13.72	13.72	14.63	14.63
		Flow Rate	GPM	4.96	5.31	5.84	6.32	6.66	7.01	7.34
			L/Min	18.75	20.07	22.08	23.89	25.17	26.50	27.75