komet | INNOVATIVE IRRIGATION

komet | *Sprinklers*

Komet 162 FC
Komet 163 PC

Universal Sprinklers for Solid-Set Systems and Travelers

The medium volume impact sprinklers by Komet Irrigation are designed for a wide range of agricultural applications, ensuring efficient and energy-saving water distribution for many growing seasons.

The Product

This medium volume sprinkler line is suitable for versatile use in general field irrigation on solid-set and mechanized irrigation systems such as travelers. The Komet 163 and 162 sprinkler line shows great performance in windy conditions. Long wear life, high performance, proven design and maintenance-free operation are among its outstanding features.

The Komet 163 can operate part circle as well as full circle by easily adjusting the part circle stops. The Komet 162, with full circle operation, is designed for use in general field irrigation, mainly in extensive solid-set and moveable irrigation systems.

Features & Benefits:

- Long throw & uniform water distribution
- High-quality materials including technical polymers, marine grade aluminum and stainless steel
- Designed for a long wear life and maintenance-free operation
- Nozzle range from 8 to 16 mm
- Pressure range from 2 to 6 bar

Available Models

Performance Data Metric Units

Komet 163 PC

Connection 1 1/2" BSP

komet | *Sprinkler 163 PC 1 1/2" BSP*

PART CIRCLE

							▲ Set-up			■ Set-up		
Nozzle	Pressure	Throw	Flow		Surface	Precipitation rate	Spacing max.	Surface	Precipitation rate	Spacing max.	Surface	Precipitation rate
mm	bar	m	m³/h	l/sec	m²	mm/h	max. m	m²	mm/h	max. m	m²	mm/h
8	2	19,5	5,377	1,494	1158	4,64	28/33	942	5,71	27	729	7,38
	3	22,0	6,585	1,829	1466	4,49	32/37	1184	5,56	30	900	7,32
	4	24,0	7,604	2,112	1779	4,27	32/41	1454	5,23	34	1156	6,58
	5	25,5	8,501	2,361	2059	4,13	38/44	1675	5,08	36	1296	6,56
10	2	21,5	6,855	1,904	1385	4,95	31/36	1122	6,11	30	900	7,62
	3	24,0	8,396	2,332	1750	4,80	35/41	1554	5,40	33	1089	7,71
	4	26,5	9,695	2,693	2124	4,56	39/45	1752	5,53	37	1369	7,08
	5	28,5	10,839	3,011	2463	4,40	42/48	1994	5,44	39	1521	7,13
12	2	23,0	8,771	2,436	1576	5,57	34/39	1315	6,67	32	1024	8,57
	3	26,0	10,742	2,984	2027	5,30	38/44	1675	6,41	36	1296	8,29
	4	28,5	12,404	3,445	2463	5,04	42/48	1994	6,22	39	1521	8,15
	5	30,5	13,868	3,852	2865	4,84	45/52	2340	5,93	43	1849	7,50
	6	32,5	15,191	4,220	3217	4,72	48/55	2617	5,80	45	2025	7,50
14	2	24,0	11,045	3,068	1720	6,42	35/40	1358	8,13	33	1089	10,14
	3	27,5	13,527	3,757	2290	5,91	41/47	1911	7,08	38	1444	9,37
	4	30,0	15,619	4,339	2715	5,75	44/51	2250	6,94	41	1681	9,29
	5	32,0	17,463	4,851	3097	5,64	47/54	2524	6,92	44	1936	9,02
	6	33,5	19,130	5,314	3421	5,59	49/57	2811	6,81	47	2209	8,66
16	2	24,5	13,083	3,634	1809	7,23	35/41	1554	8,42	34	1156	11,32
	3	28,5	16,024	4,451	2463	6,51	42/48	1994	8,04	39	1521	10,53
	4	31,5	18,503	5,140	3019	6,13	47/54	2524	7,33	44	1936	9,56
	5	33,5	20,686	5,746	3380	6,12	49/57	2811	7,36	46	2116	9,78
	6	34,5	22,661	6,295	3674	6,17	51/59	3012	7,52	48	2304	9,84

N.B.: The performance data were obtained under ideal testing conditions and may be adversely affected by wind and other factors. Pressure refers to pressure at nozzle. Consider wind speed and wind direction when designing an irrigation system. Reduce the spacing for the selected sprinkler set-up accordingly.

Komet 162 FC

Connection 1 1/2" BSP

komet | *Sprinkler 162 FC 1 1/2" BSP*

FULL CIRCLE

							▲ Set-up			■ Set-up		
Nozzle	Pressure	Throw	Flow		Surface	Precipitation rate	Spacing max.	Surface	Precipitation rate	Spacing max.	Surface	Precipitation rate
mm	bar	m	m³/h	l/sec	m²	mm/h	max. m	m²	mm/h	max. m	m²	mm/h
8	2	19,5	6,293	1,748	1158	5,43	28/33	942	6,68	27	729	8,63
	3	22,0	7,708	2,141	1466	5,26	32/37	1184	6,51	30	900	8,56
	4	24,0	8,900	2,472	1779	5,00	32/41	1454	6,12	34	1156	7,70
	5	25,5	9,950	2,764	2059	4,83	38/44	1675	5,94	36	1296	7,68
10	2	21,5	8,079	2,244	1385	5,83	31/36	1122	7,20	30	900	8,98
	3	24,0	9,895	2,749	1750	5,65	35/41	1454	6,81	33	1089	9,09
	4	26,5	11,425	3,174	2124	5,38	39/45	1752	6,52	37	1369	8,35
	5	28,5	12,774	3,548	2463	5,19	42/48	1994	6,41	39	1521	8,40
12	2	23,0	9,981	2,773	1576	6,33	34/39	1315	7,59	32	1024	9,75
	3	26,0	12,225	3,396	2027	6,03	38/44	1675	7,30	36	1296	9,43
	4	28,5	14,116	3,921	2463	5,73	42/48	1994	7,08	39	1521	9,28
	5	30,5	15,782	4,384	2865	5,51	45/52	2340	6,74	43	1849	8,54
	6	32,5	17,288	4,802	3217	5,37	48/55	2617	6,61	45	2025	8,54
14	2	24,0	12,354	3,432	1720	7,18	35/40	1385	8,92	33	1089	11,34
	3	27,5	15,130	4,203	2290	6,61	41/47	1911	7,92	38	1444	10,48
	4	30,0	17,471	4,853	2715	6,44	44/51	2250	7,76	41	1681	10,39
	5	32,0	19,533	5,426	3097	6,31	47/54	2524	7,74	44	1936	10,09
	6	33,5	21,398	5,944	3421	6,25	49/57	2811	7,61	47	2209	9,69
16	2	24,5	14,483	4,023	1809	8,01	35/41	1454	9,96	34	1156	12,53
	3	28,5	17,738	4,927	2463	7,20	42/48	1954	9,08	39	1521	11,66
	4	31,5	20,482	5,689	3019	6,78	47/54	2524	8,11	44	1936	10,58
	5	33,5	22,899	6,361	3380	6,77	49/57	2811	8,15	46	2116	10,82
	6	34,5	25,085	6,968	3674	6,83	51/59	3012	8,33	48	2304	10,89

N.B.: The performance data were obtained under ideal testing conditions and may be adversely affected by wind and other factors. Pressure refers to pressure at nozzle. Consider wind speed and wind direction when designing an irrigation system. Reduce the spacing for the selected sprinkler set-up accordingly.

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