

KOMET 160 SERIES BIG VOLUME SPRINKLER

Application:

Used for travelling irrigators, open field watering and industrial dust suppression.

Features:

- Dynamic intermittent jet-breaker allows for finer irrigation droplets on sensitive crops
- Automatic speed of rotation control self adjusts to system pressure, allows steady speed over entire nozzle-pressure range essential for uniform water application
- No ball bearings - maintenance free
- Slow reverse reduces vibration allows reel hose irrigators to track straight and prevent tip over.
- Diffused start up prevents large single jet of water preventing furrows and run-off.
- Bearing assembly and all moving parts are sealed against water and designed for use without ball bearings



Specifications:

- Part and full circle
- Nozzles $\phi 20$ -35mm
- Flange connection external circle 154mm, 6 holes at 10.5mm on pitch circle $\phi 130$ mm
- High grade alloy construction
- Radius range 37.2-68.5m
- Nozzle pressure range 300-700kPa
- Trajectory angle 24° - Vari-angle model 10° -18°

MODELS	CODE
Komet 160 Series Sprinkler F/C & P/C	TW16024PC
Komet 160 Series Sprinkler F/C & P/C Vari Angle	TW160-VA
Flange Adaptor converts flange to 50mm Female BSP	TW101-0-B5

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE - PRODUCT DRAWINGS / IMAGES ARE REPRESENTATIVE ONLY AND ARE SUBJECT TO CHANGE.

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PRODUCT SPECIFICATION



TWIN 160/PLUS				Taper bore nozzle, Trajectory 24°										
Pressure kPa	Nozzle 20mm		Nozzle 22.5mm		Nozzle 25mm		Nozzle 27.5mm		Nozzle 30mm		Nozzle 32.5mm		Nozzle 35mm	
	Flow l/s	Radius m	Flow l/s	Radius m	Flow l/s	Radius m	Flow l/s	Radius m	Flow l/s	Radius m	Flow l/s	Radius m	Flow l/s	Radius m
300	7.24	37.2	9.16	38.9	11.31	41.5	13.69	43.5	16.29	45.7	19.12	47.5	22.17	49.5
350	7.82	41.2	9.9	43.8	12.22	46.5	14.81	48.7	17.59	51.3	20.65	53.6	23.95	56.0
400	8.36	44.2	10.58	47.3	13.06	49.9	15.8	52.5	18.81	55.2	22.08	57.9	25.6	60.2
450	8.87	46.0	11.22	49.4	13.85	52.4	16.76	55.2	19.95	57.8	23.42	60.5	27.16	62.8
500	9.36	47.5	11.83	51.0	14.6	54.0	17.67	57.0	21.03	60.0	24.68	62.5	28.63	64.9
550	9.8	49.0	12.41	52.5	15.32	55.4	18.53	58.5	22.06	61.5	25.88	63.9	30.02	66.3
600	10.24	50.0	12.96	53.4	16.00	56.5	19.36	59.7	23.05	62.5	27.04	65.0	31.36	67.3
650	10.66	50.5	13.49	54.0	16.65	57.4	20.15	60.7	23.98	63.3	28.14	65.7	32.64	68.0
700	11.06	51.1	14.0	54.6	17.28	57.9	20.91	61.3	24.88	63.9	29.2	66.2	33.87	68.5

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. A lowered trajectory angle improves the irrigation efficiency in windy conditions. For every 3° drop of the trajectory angle the throw is reduced by approximately 3 to 4%

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