

CANNONS & BIG GUNS





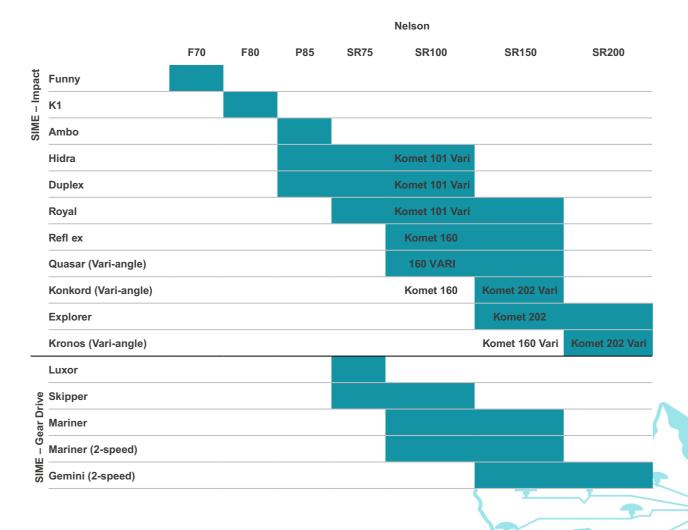


SPRINKLERS & GUNS GUIDE



At Rodney Industries we offer Nelson, SIME and Komet sprinklers and guns. Listed below are the equivalents for each product.

For performance charts or further details on any of the sprinklers \ guns listed below, please contact our Sales Department on 07 3624 0300 or via email sales@rodneyind.com.au.





FOR OVER 4 DECADES, NELSON IRRIGATION HAS BEEN MANUFACTURING "THE ORIGINAL" BIG GUN® SPRINKLER.

Nelson pioneered the concept of a slow, steady, and uniform forward and reverse drive action, and the Big Gun's drive vane automatically compensates through a full range of nozzle sizes and pressures. A simple, reliable adjustment allows you to set the arc to within 1 degree without overriding the stops; a setting that will not change over time, as proven by years of use in the field.





BIG GUNS

In the field of large-volume sprinklers, Nelson Big Guns[®] are recognized the world over as the leader in quality and performance. They are engineered and precision manufactured for heavy-duty reliability and long wear life with minimum maintenance required. Every Nelson Big Gun[®] is subjected to the toughest inspection testing and quality control standards in the industry.











75 SERIES

100 SERIES

150 SERIES

200 SERIES

		Nozzle Size & Range		Mounting Thread	
Sprinkler	Primary	Secondary	Radius	or Flange	Flow
75 Series	10.2 – 20.3mm	-	#23.5 – 43.5m	Flange PCD 102mm	110 – 618 L/M
100 Series	12.7 – 25.4mm	5.6 – 8mm	# 29.75 – 58m	Flange PCD 102mm	180 – 1170 L/M
150 Series	17.8 – 35.6mm	5.6mm – 10.3mm	# 38 – 74.5m	Flange PCD 146mm & 130mm	383 – 2466 L/M
200 Series	26.7 – 48.3mm	5.6 – 10.3mm	52 – 94m	Flange PCD 146mm	930 – 4560 L/M

Taper bore nozzle used. Ring nozzles radius will be less # BSP Thread mounting available upon request.





75 Series

Size	Code	
Part Circle – Slow Reverse Big Gun (without Noz-zle)	SR75	
Individual Taper Ring Nozzle – Specify Size, Choice of 9 (10.2mm to 20.3mm)	75TR	



100 Series

Size	Code
Part Circle – Slow Reverse Big Gun (without Noz-zle)	SR100
Part Circle - Slow Reverse Big Gun Complete	SR100K
Part Circle – Slow Reverse – Adjustable Trajectory (without Nozzle)	SRA100
Taper Bore Nozzle – Specify Size (choice of 10)	100T
Ring Nozzle Set – Cap, Body & 7 Rings	100R



150 Series

Size	Code
Part Circle – Slow Reverse – Flange or ANSI Flange (without Nozzle)	SR150
Part Circle - Slow Reverse Big Gun Complete	SR150K
Part Circle – Slow Reverse – Adjustable Trajectory (without Nozzle)	SRA150
Part Circle – Slow Reverse – Flanged Connection Stainless Steel (Includes Nozzle)	SR150SS
Taper Bore Nozzle – Specify Size	150T
Ring Nozzle Set - Cap, Body & 7 Rings	150R



200 Series

Size	Code
Full Circle - Flange (without Nozzle)	F200
Part Circle – Slow Reverse – Flanged Connection (without Nozzle)	SR200
Part Circle - Slow Reverse Big Gun Complete	SR200K
Taper Bore Nozzle – Specify Size	200T
Ring Nozzle Set & 7 Rings	200R



IMPACT SPRINKLERS

For quality manufactured sprinklers why not choose a Nelson Impact Sprinkler. For performance details on the following sprinklers, please contact our Sales Department.









NELSON F70V

NELSON F80V

NELSON P65

NELSON P85

Cariablas		Nozzle Size & Range	е	Manustina Flanca	Flo w
Sprinkler	Primary	Secondary	Radius	Mounting Flange	FIO W
F70V	7/32 – 13/32	7/64 – 5/16	16.5m – 26.2m	25mm BSPM	29 – 146.6 L/M
F80V	11/32 – 5/8	7/64 – 5/16	20.1m – 36m	32mm BSPM	82.5 – 410 L/M
P65 (part circle)	7/32 – 3/8	n/a	15.5m – 25.3m	25mm BSPM	28.57 – 129 L/M
P85 (part circle)	11/32 – 11/16	n/a	21m – 35m	32mm BSPM	82.5 – 439 L/M

BSP thread mounting available upon request.

Sprinkler Nelson

Size	Code
F70V (Less Nozzles)	19026
F80V (Less Nozzles)	18994
P65 (Less Nozzles)	18914
P85 (Less Nozzles)	18783







For small to large scale irrigation we have a sprinkler and gun to suit.





SIME IRRIGATION



Sprinklers of middle or high capacity and pressure rotating at full circle or parts circle, with slow return. Particularly suitable for all types of watering machines can be used also for centre pivots and normal installations. An intermittent and adjustable installations. An intermittent and adjustable jet-breaker working only on the return, allows the user to get a uniform distribution of rain fall all over the irrigated area.



ROYAL (16, 18, 20, 22mm nozzles included)



LUXOR (10, 12, 14, 16mm nozzles included)



REFLEX (24, 26, 28, 30, 32mm nozzles included)



SKIPPER (GEAR DRIVE) (14, 16, 18mm nozzles included)



EXPLORER (28, 30, 32, 34, 36, 38, 40mm nozzles included)



MARINER (GEAR DRIVE) (28, 30, 32mm nozzles included)



MARINER 2 SPEED (28, 30, 32mm nozzles included)



GEMINI 2 SPEED (34mm nozzle included)

0:	l l	Nozzle Size & Rai	nge	Flow	Mounting Threaded or	Contr
Size	Primary	Secondary	Radius-Mets	LPM	Flanged	Code
Royal	12-24mm	-	22-51	110-882	63mm BSPF	140036KIT
Re flex	16-34mm	-	32-65	276-1913	FL130 PCD	140052KIT
Explorer	22-40mm	-	40-78	522-2834	FL130 PCD	140055KIT
Luxor	10-18mm	4mm	20.5-35	102-496	40mm BSPF	140063KIT
Skipper	10-20mm	6mm	28-57	120-609	40mm BSPF	140065KIT
Mariner	18-34mm	8mm	48-122	343-2162	63mm BSPF	140075KIT
Mariner 2 Speed	18-34mm	8mm	48-122	343-2162	63mm BSPF	140080KIT
Gemini 2 Speed	28-46mm	9mm	51-90	1082-4481	FL 130 & 145 PCD	140085KIT



SIME IRRIGATION

SIME



Sime offer a range of small and medium capacity sprinklers for full or part circle operation, equipped with an adjustable jet breaker which allow a good rainfall all over the wetted area. They are suitable for irrigating mixed crops, orchards, fruits, gardens, playgrounds and frost protection.



JUNIOR (4mm nozzle included)



SILVER (8, 6, 7mm nozzles included)



JOLLY (8, 9, 10,12, 14mm nozzles included)



FUNNY PART CIRCLE (6,7mm nozzles included)



K1 8° PART CIRCLE (8, 9, 10mm nozzles included)



K1 24° PART CIRCLE (8, 9, 10mm nozzles included)



HIDRA PART CIRCLE (12, 14, 16mm nozzles included)



DUPLEX PART CIRCLE (14, 16, 18mm nozzles included)

	N	lozzle Size & Rai	nge	Flow	Mounting		
Size	Primary	Secondary	Radius-Mets	LPM	Threaded or Flanged	Code	
Junior	4mm	-	11-13.5	10.8-15	12.7mm BSPM	140002	
Silver	5-7mm	-	12-17	20-60	20mm BSPM	140004	
Jolly	7-16mm	4mm	14-29	71-311	32mm BSPF	140006	7
Funny Part Circle	5-10mm	-	12.5-19.5	20-100	25mm BSPF	140000	
K1 8° Part Circle	6-14mm	-	15.5-23.5	49-179	32mm BSPF	140008	
K1 24° Part Circle	6-14mm	-	15.5-23.5	49-179	32mm BSPF	140010	
Hidra Part Circle	10-18mm	5mm	18-36.5	110-651	40mm BSPF	140020	T
Duplex Part Circle	12-22mm	8mm	20-46.5	159-839	50mm BSPF	140030	•

SIME IRRIGATION



NOZZLE SETS

Once you have decided upon your SIME Gun, the next step is to choose the nozzle set. If you are unsure, or would like further information, please do not hesitate in contacting our Sales Department.

Nozzles to suit SIME Junior

Size	Code	
4mm	30619	

Nozzles to suit SIME Silver

Size	Code	
5mm	140205	
6mm	140206	
7mm	140207	

Nozzles to suit SIME Funny

Size	Code
5mm	140405
6mm	140406
7mm	140407
8mm	140408
9mm	140409
10mm	140410

Nozzles to suit SIME K1, Luxor & Jolly

Size	Code	
6mm	140506	
8mm	140508	
9mm	140509	
10mm	140510	
12mm	140512	
14mm	140514	
16mm	140516	
18mm	140518	

Nozzles to suit Gemini (Aluminium)

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Size	Code		
28mm	94528		
30mm	94530		
32mm	94532		
34mm	94534		
36mm	94536		
38mm	94538		
40mm	94540		
44mm	94544		

Nozzles to suit SIME Hidra

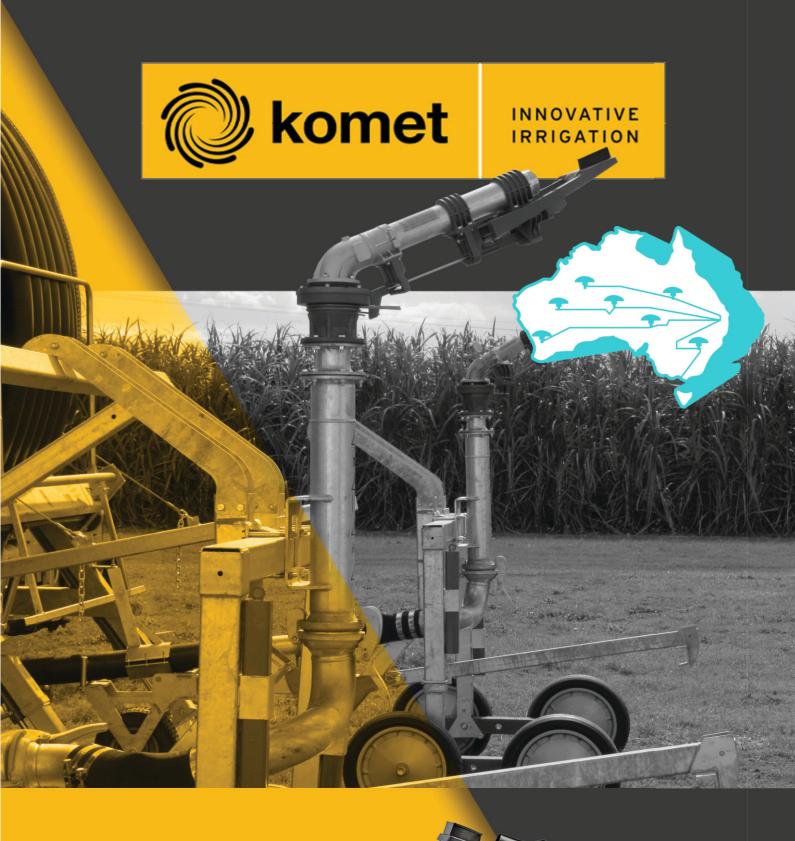
Size	Code	
10mm	140610	
12mm	140612	
14mm	140614	
16mm	140616	
18mm	140618	

Nozzles to suit SIME Duplex & Skipper

Size	Code	
10mm	140710	
12mm	140712	
14mm	140714	
16mm	140716	
18mm	140718	
20mm	140720	
22mm	140722	
24mm	140724	

Nozzles to suit SIME Royal, Reflex, Explorer, Mariner & Gemini (Plastic)

Size	Code
16mm	140816
18mm	140818
20mm	140820
22mm	140822
24mm	140824
26mm	140826
28mm	140828
30mm	140830
32mm	140832
34mm	140834
36mm	140836
38mm	140838
40mm	140840
42mm	140842
44mm	140844
46mm	140846



the komet advantage

It is important that every irrigation system operates reliably in order to avoid yield losses, waste of energy with its associated costs but more than anything to optimise the soil potential. The gun not being continuously monitored, has to operate always at its best without the necessity of adjustments or maintenance.

KOMET IRRIGATION



komet guns



It is important that every irrigation system operates reliably in order to avoid yield losses, waste of energy with its associated costs but more than anything to optimise the soil potential. The gun not being continuously monitored, has to operate always at its best without the necessity of adjustments or maintenance.



Description	NOZZLE S Primary	ZE & RANGE Radius	Mounting Flange	Flow LPM	Code
Twin 101 Ultra 24' Kit	12 to 28mm	24.2 to 60.6m	Flange 6 x 10.5mm Holes PCD130mm	130 - 1320	5010253KIT
Twin 101 Ultra VA15-45' Kit	12 to 28mm	24.2 to 60.6m	Flange 6 x 10.5mm Holes PCD130mm	130 - 1320	5010271KIT
Twin 140 Ultra 24' Kit	16 to 34mm	29.0 to 68.7m	Flange 6 x 10.5mm Holes PCD130mm	230 - 1946	5010254KIT
Twin 140 Ultra VA15-45' Kit	16 to 34mm	29.0 to 68.7m	Flange 6 x 10.5mm Holes PCD130mm	230 - 1946	5010296KIT
Twin 160 Ultra 24' Kit	18.8 to 40mm	37.8 to 82.4m	Flange 6 x 10.5mm Holes PCD130mm	361 - 3076	5010255KIT
Twin 160 Ultra VA15-45' Kit	18.8 to 40mm	37.8 to 82.4m	Flange 6 x 10.5mm Holes PCD130mm	361 - 3076	5010304KIT
Twin 202 Ultra 24' Kit	22 to 45mm	41.5 to 90.0m	Flange 6 x 10.5mm Holes PCD130mm	540 - 3916	5010256KIT
Twin 202 Ultra VA15-45' Kit	22 to 45mm	41.5 to 90.0m	Flange 6 x 10.5mm Holes PCD130mm	540 - 3916	5010311KIT



NOZZLE SETS

Once you have decided upon your Komet Gun, the next step is to choose the nozzle set. If you are unsure, or would like further information, please do not hesitate in contacting our Sales Department.

Nozzles to suit Komet 101

;	Size	Code
12m	m / 0.47"	4010678
14m	m / 0.55"	4010680
16m	m / 0.63"	4010682
18m	m / 0.71"	4010684
20mr	m / 0.79"	4010686
22mi	m / 0.87"	4010688
24mi	m / 0.94"	4010690
26m	m / 1.02"	4010692
28m	m / 1.10"	4010694

Nozzles to suit Komet 140

Size	Code	
16mm / 0.63"	4010682	
18mm / 0.71"	4010684	
20mm / 0.79"	4010686	
22mm / 0.87"	4010688	
24mm / 0.94"	4010690	
26mm / 1.02"	4010692	
28mm / 1.10"	4010694	
30mm / 1.18"	4010696	
32mm / 1.26"	4010698	
34mm / 1.34"	4010700	

Nozzles to suit Komet 160

Size	Code	
18mm / 0.71"	4010702	
20mm / 0.79"	4010704	
22mm / 0.87"	4010706	
24mm / 0.94"	4010708	
26mm / 1.02"	4010710	
28mm / 1.10"	4010712	
30mm / 1.18"	4010714	
32mm / 1.26"	4010716	
34mm / 1.34"	4010718	
35mm / 1.38"	4010719	
36mm / 1.42"	4010720	
38mm / 1.50"	4010722	
40mm / 1.57"	4010724	

Nozzles to suit Komet 202

Size	Code	
22mm / 0.87"	4010706	
24mm / 0.94"	4010708	
26mm / 1.02"	4010710	
28mm / 1.10"	4010712	
30mm / 1.18"	4010714	
32mm / 1.26"	4010716	
34mm / 1.34"	4010718	
35mm / 1.38"	4010719	
36mm / 1.42"	4010720	_
38mm / 1.50"	4010722	~
40mm / 1.57"	4010724	65
42mm / 1.65"	4010726	
44mm / 1.73"	4010728	
45mm / 1.77"	4010729	

PIPE EXTENSIONS & ADOPTORS



SPRINKLERS & GUNS GUIDE

EXTENSION PIPES



Our range of Extension Pipes are the ideal way to adjust the flange pattern of your installation to your requirements. Enabling you to successfully connect your Big Gun to your irrigator or permanent installation.

Big Gun 4 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code	
3" OD x 4mm Wall	100mm	25507	
	560mm	25509	
	750mm	25510	
	1000mm	25511	

Big Gun 4 Hole x 6 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code	
3" OD x 4mm Wall	100mm	25517	
	560mm	25518	
	750mm	25520	
	1000mm	25522	

Big Gun 4 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code	
3.5" OD x 4mm Wall	100mm	25503	
	560mm	25546	
	750mm	25514	
	1000mm	25515	

Big Gun 4 Hole x 6 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code	
3.5" OD x 4mm Wall	100mm	25545	
	560mm	25526	
	750mm	25527	
	1000mm	25528	

Big Gun 6 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code	
3.5" OD x 4mm Wall	100mm	25582	
	560mm	25584	
	750mm	25586	
	1000mm	25588	

Nelson Flange SR100/SR100

Pipe Size	Overall Length (mm)	Code
SR100	100mm	25550
	560mm	25532
	750mm	25533
	1000mm	25534

Big Gun 6 Hole Multi Flange

Pipe Size	Overall Length (mm)	Code
4" OD x 4mm Wall -	100mm	25590
	560mm	25592
	750mm	25594
	1000mm	25596

Nelson Flange SR150 / SR200

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Pipe Size	Overall Length (mm)	Code	
4.5" OD x 4mm Wall —	100mm	25537	
	560mm 👚	25539	
	750mm	25541	
	1000mm	25543	_ _ (



BIG GUN ADAPTORS

Rodney Industries supplies a wide range of Big Gun Adaptors. Not sure which one best suits your needs? Why not contact our Sales Department for assistance.





Size	Code
4H Big Gun Multi Flange to 2.5" BSPM	25552
4H Big Gun Multi Flange to 3" BSPM	25554
6H Big Gun Multi Flange to 2.5" BSPM	25556
6H Big Gun Multi Flange to 3" BSMP	25558



Big Gun Adaptors - Flange to Female Thread

Size	Code
SR100 Flange to 2" BSPF	25523
SR100 Flange to 2.5" BSPF	25524
4H Big Gun Multi Flange to 3" BSPF	25568
6H Big Gun Multi Flange to 2.5" BSPF	76162
6H Big Gun Multi Flange to 3" BSPF	76164
6H Big Gun Multi Flange to 4" BSPF	25574
Big Gun Adaptor - Flange to Flange SR100 to 130 PCD (To Suit Marani Cart)	25521
Marani Sprinkler Adaptor, Sime 130mm PCD Flange x Nelson 146mm PCD Flange 100mm OD Pipe x 100mm Long Galv	25525



BIG GUN FLANGES (Black Weld On)

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SIZE	ID SIZE	CODE	
Nelson SR100	2½"	25512	
Nelson SR100	3"	25516	
Nelson SR150	3"	25500	
Nelson SR150	3½"	25504F	
Nelson SR200	4"	25508	
Nelson SR200	4½"	25508F	
4H Big Gun Multi Flange	3"	25576	
4H Big Gun Multi Flange	3½"	25576A	
6H Big Gun Multi Flange	3½"	25578	1
6H Big Gun Multi Flange	4"	25580	



CANNONS & BIG GUNS

