



90 ELBOW METRIC MALE 24° CONE / L-SERIES FLANGE ISO 6162-1

**1CFL9**  
**1DFL9**

**1CFL9-RNW**  
**1DFL9-RNW**

PART NO.		E	FLANGE SIZE	D1	O-RING	DIMENSIONS						
BODY	ASSEMBLY	THREAD		TUBE O.D.		d1	l	l1	L1	L2	S1	S2
WITH L SERIES 24° CONE END												
1CFL9-18-08Z	1CFL9-18-08RNWZ	M18X1.5	1/2"	12	O210	30.2	6.7	29	45	38	24	
1CFL9-22-08Z	1CFL9-22-08RNWZ	M22X1.5	1/2"	15	O210	30.2	6.7	29	45	36	24	27
1CFL9-22-12Z	1CFL9-22-12RNWZ	M22X1.5	3/4"	15	O214	38.1	6.7	33	49	42	30	27
1CFL9-26-08Z	1CFL9-26-08RNWZ	M26X1.5	1/2"	18	O210	30.2	6.7	31.5	48	42	27	32
1CFL9-26-12Z	1CFL9-26-12RNWZ	M26X1.5	3/4"	18	O214	38.1	6.7	28.5	45	42	30	32
1CFL9-26-16Z	1CFL9-26-16RNWZ	M26X1.5	1"	18	O219	44.4	8	36.5	53	45	36	32
1CFL9-30-08Z	1CFL9-30-08RNWZ	M30X2	1/2"	22	O210	30.2	6.7	30.5	47	48	27	36
1CFL9-30-12Z	1CFL9-30-12RNWZ	M30X2	3/4"	22	O214	38.1	6.7	35.5	52	42.5	30	36
1CFL9-30-16Z	1CFL9-30-16RNWZ	M30X2	1"	22	O219	44.4	8	36.5	53	45	36	36
1CFL9-30-20Z	1CFL9-30-20RNWZ	M30X2	1.1/4"	22	O222	50.8	8	47.5	64	50	41	36
1CFL9-36-12Z	1CFL9-36-12RNWZ	M36X2	3/4"	28	O214	38.1	6.7	36.5	52	42	30	41
1CFL9-36-16Z	1CFL9-36-16RNWZ	M36X2	1"	28	O219	44.4	8	37.5	53	45	36	41
1CFL9-36-20Z	1CFL9-36-20RNWZ	M36X2	1.1/4"	28	O222	50.8	8	47.5	64	50	41	41
1CFL9-45-16Z	1CFL9-45-16RNWZ	M45X2	1"	35	O219	44.4	8	34.5	56	45	36	50
1CFL9-45-20Z	1CFL9-45-20RNWZ	M45X2	1.1/4"	35	O222	50.8	8	46.5	68	50	41	50
1CFL9-52-20Z	1CFL9-52-20RNWZ	M52X2	1.1/4"	42	O222	50.8	8	50	73	68	46	60
1CFL9-52-24Z	1CFL9-52-24RNWZ	M52X2	1.1/2"	42	O225	60.3	8	47	70	75	48	60
WITH S SERIES 24° CONE END												
1DFL9-24-08Z	1DFL9-24-08RNWZ	M24X1.5	1/2"	16	O210	30.2	6.7	29.5	48	36	24	30
1DFL9-24-12Z	1DFL9-24-12RNWZ	M24X1.5	3/4"	16	O214	38.1	6.7	34.5	53	42	30	30
1DFL9-30-12Z	1DFL9-30-12RNWZ	M30X2	3/4"	20	O214	38.1	6.7	32.5	53	42	30	36
1DFL9-36-12Z	1DFL9-36-12RNWZ	M36X2	3/4"	25	O214	38.1	6.7	33	56	42	30	46
1DFL9-36-16Z	1DFL9-36-16RNWZ	M36X2	1"	25	O219	44.4	8	36.5	59.5	45	36	46
1DFL9-42-16Z	1DFL9-42-16RNWZ	M42X2	1"	30	O219	44.4	8	36.5	63	45	36	50
1DFL9-36-20Z	1DFL9-36-20RNWZ	M36X2	1.1/4"	25	O222	50.8	8	43	66	50	41	46
1DFL9-42-20Z	1DFL9-42-20RNWZ	M42X2	1.1/4"	30	O222	50.8	8	43.5	70	50	41	50
1DFL9-52-20Z	1DFL9-52-20RNWZ	M52X2	1.1/4"	38	O222	50.8	8	45	76	68	46	60

1.\* NBR O-ring of flange end need another order. Use V80 replace N90 when the connector material is stainless steel and the O-ring material is Viton.

2. Material options for connector body and nut.

connector body and nut material	Part. No. suffix	Part No. example
Carbon steel (Default)	Z	1CFL9-30-12Z
304 stainless steel	SR	1CFL9-30-12SR
316L stainless steel	SV	1CFL9-30-12SV
316Ti stainless steel	SY	1CFL9-30-12SY

3. Plating options and performance for carbon steel connectors.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	1CFL9-30-12Z	96	360
Durakote plating	ZD	1CFL9-30-12ZD	360	720
Zinc-nickel plating	ZN	1CFL9-30-12ZN	1000	-