

**1FFS**

ORFS MALE O-RING / S-SERIES FLANGE ISO 6162-2

PART NO.	THREAD E	FLANGE SIZE	O-RING		DIMENSIONS					
			E END	FLANGE END *	A	b	D1	D2	L	
1FFS-12Z	1.3/16X12	3/4"	O018	O214 N90	17	8.76	41.3	32	51.8	
1FFS-16Z	1.7/16"X12	1"	O021	O219 N90	17.5	9.53	47.6	38	57.2	
1FFS-20Z	1.11/16"X12	1.1/4"	O025	O222 N90	17.5	10.29	54	44	62	
1FFS-24Z	2"X12	1.1/2"	O029	O225 N90	17.5	12.57	63.5	51	66.8	

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. OMaterial options for connector body and the O-ring.

connector body material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	1FFS-16Z
304 stainless steel	Viton	SR	1FFS-16SR
316L stainless steel	Viton	SV	1FFS-16SV
316Ti stainless steel	Viton	SY	1FFS-16SY

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	1FFS-16Z	96	360
Durakote plating	ZD	1FFS-16ZD	360	720
Zinc-nickel plating	ZN	1FFS-16ZN	1000	-