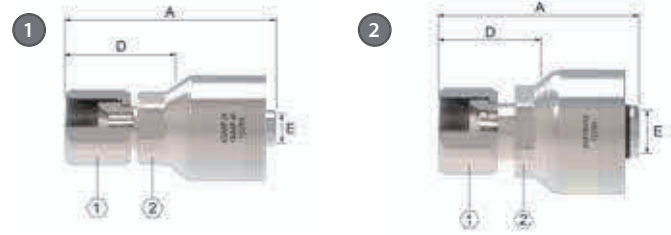


Weatherhead

Spiral – 4S and 6S series



FJ

Female JIC/37° swivel (Straight)

PART	HOSE SIZE INFO				DIMENSIONS								
	Terminal End Hose Size	DN	Hose size	Thread	A		D		EØ		1	2	
1 4S part #					mm	in	mm	in	mm	in	in	mm	in
4SA4FJ6	-4	6	-6	7/16	51.6	2.03	30.3	1.19	4.4	0.17	9/16		11/16
4SA6FJ6	-6	10	-6	9/16	53	2.09	32.2	1.27	6.7	0.26	11/16		11/16
4SA6FJ8	-6	10	-8	9/16	68.3	2.69	38	1.5	9.6	0.38	11/16		11/16
4SA8FJ6	-8	12	-6	3/4	54.8	2.16	34	1.34	6.7	0.26	7/8		11/16
4SA8FJ8	-8	12	-8	3/4	64.8	2.55	36.7	1.44	9.6	0.38	7/8		7/8
4SA10FJ8	-10	16	-8	7/8	66.1	2.6	40.6	1.6	12.8	0.5	1		1 1/16
4SA10FJ10	-10	16	-10	7/8	67.3	2.65	39.2	1.54	9.6	0.38	1		7/8
4SA12FJ8	-12	19	-8	1 1/4	67.1	2.64	41.5	1.63	12.8	0.5	1 1/4		1 1/16
4SA12FJ10	-12	19	-10	1 1/16	68.5	2.7	40.4	1.59	9.6	0.38	1 1/4		7/8
4SA10FJ12	-10	19	-12	7/8	75.0	2.95	38.8	1.53	12.3	0.48	1	30.0	1 3/16
4SA12FJ12	-12	19	-12	1 1/16	82.0	3.23	45.7	1.80	14.2	0.56	1 1/4	30.0	1 3/16
4SA14FJ12	-14	19	-12	1 3/16	77.5	3.05	41.3	1.63	14.2	0.56	1 3/8	30.0	1 3/16
4SA16FJ12	-16	19	-12	1 5/16	80.2	3.16	44.0	1.73	14.2	0.56	1 1/2	30.0	1 3/16
4SA12FJ16	-12	25	-16	1 1/16	78.8	3.10	39.1	1.54	15.5	0.61	1 1/4	41.0	1 5/8
4SA16FJ16	-16	25	-16	1 5/16	89.2	3.51	49.3	1.94	19.2	0.76	1 1/2	41.0	1 5/8
4SA20FJ16	-20	25	-16	1 5/8	85.8	3.38	46.0	1.81	19.2	0.76	2	41.0	1 5/8
4SA16FJ20	-16	31	-20	1 5/16	99.1	3.90	43.7	1.72	25.2	0.99	1 1/2	46.0	1 13/16
4SA20FJ20	-20	31	-20	1 5/8	101.6	4.00	46.3	1.82	25.2	0.99	2	46.0	1 13/16
4SA24FJ20	-24	31	-20	1 7/8	106.8	4.20	51.5	2.03	25.2	0.99	2 1/4	46.0	1 13/16
4SA24FJ24	-24	38	-24	1 7/8	134.9	5.31	56.8	2.24	31.1	1.22	2 1/4	57.0	2 1/4
4SA32FJ32	-32	51	-32	2 1/2	146.0	5.75	68.0	2.68	42.1	1.66	2 7/8		
2 6S part #	Terminal End Hose Size	DN	Hose size	Thread	A		D		EØ		1	2	
6SA16FJ16	-16	25	-16	1 5/16	89.2	3.51	49.3	1.94	19.2	0.76	1 1/2	41.0	1 5/8
6SA20FJ20	-20	31	-20	1 5/8	102.3	4.03	46.3	1.82	25.2	0.99	2	46.0	1 13/16
6SA24FJ20	-24	31	-20	1 7/8	107.5	4.23	51.5	2.03	25.2	0.99	2 1/4	46.0	1 13/16
6SA24FJ24	-24	38	-24	1 7/8	134.9	5.31	56.8	2.24	31.1	1.22	2 1/4	57.0	2 1/4
6SA32FJ32	-32	51	-32	2 1/2	146.0	5.75	68.0	2.68	42.1	1.66	2 7/8		

! When assembled with all Danfoss components, all SAE 37° JIC male and female terminal ends in the 4S & 6S product line are rated at the pressures listed in the table above and have passed one million impulse cycles at 133% of this pressure. All straight configurations achieve a 4:1 burst.

The 45° and 90° elbow configurations in the -12 size meet a 3.2:1 burst the 45° and 90° elbow configurations in the -16 size achieve a 2.8:1 burst; the 45° and 90° elbow configurations in the -20 size meet a 4:1 burst and the 45° & 90° elbow configurations in the -24 size meet a 2.4:1 burst.