



90° FLANGE L SERIES / CODE 61

87391Y

87392Y

REF. ISO 12151-3 / SAE J516

PART NO.		FLANGE SIZE	HOSE SIZE		DIMENSIONS					O RING **
BRAIDED	SPIRAL		DN	DASH	A	C	D	H	L	
87391Y-08-08Z *	87392Y-08-08Z	1/2"	12	08	41	30.2	24	47	6.73	O210 N90
87391Y-12-08Z	87392Y-12-08Z	3/4"	12	08	41	38.1	31.7	48	6.73	O214 N90
87391Y-12-10Z	87392Y-12-10Z	3/4"	16	10	56	38.1	31.7	52.5	6.73	O214 N90
87391Y-12-12Z *	87392Y-12-12Z *	3/4"	20	12	66.2	38.1	31.7	62	6.73	O214 N90
87391Y-12-16Z	87392Y-12-16Z	3/4"	25	16	76.7	38.1	31.7	67.5	6.73	O214 N90
87391Y-16-12Z	87392Y-16-12Z *	1"	20	12	65.5	44.4	38	62	8	O219 N90
87391Y-16-16Z *	87392Y-16-16Z *	1"	25	16	76.7	44.4	38	67.5	8	O219 N90
87391Y1-16-20Z +	-	1"	32	20	91.5	44.4	38	78.5	8	O219 N90
87391Y-16-20Z ++	87392Y-16-20Z	1"	32	20	91.5/94.1	44.4	38	78.5	8	O219 N90
87391Y1-20-20Z * +	-	1.1/4"	32	20	91.5	50.8	43	78.5	8	O222 N90
87391Y-20-20Z * ++	87392Y-20-20Z *	1.1/4"	32	20	91.5/94.1	50.8	43	78.5	8	O222 N90
87391Y-20-24Z	87392Y-20-24Z	1.1/4"	40	24	107/110	50.8	43	78.5	8	O222 N90
87391Y-24-24Z *	87392Y-24-24Z *	1.1/2"	40	24	109.4/112.4	60.3	50	94	8	O225 N90
87391Y-32-24Z	87392Y-32-24Z	2"	40	24	109.4/112.4	71.4	62	94	9.53	O228 N90
87391Y-32-32Z *	87392Y-32-32Z *	2"	50	32	131.8/136.2	71.4	62	114.3	9.53	O228 N90
87391Y-40-32Z	87392Y-40-32Z	2.1/2"	50	32	131.8/136.2	84.1	74	116.3	9.53	O232 N90
ISO 12151-3 SHORT ELBOW (ES)										
87391Y-16-16H61Z	87392Y-16-16H61Z	1"	25	16	76.7	44.4	38	61	8	O219 N90
87391Y-20-16Z *	87392Y-20-16Z *	1.1/4"	25	16	76.7	50.8	43	68	8	O222 N90
87391Y1-20-20H68Z +	-	1.1/4"	32	20	91.5	50.8	43	68	8	O222 N90
87391Y-20-20H68Z ++	87392Y-20-20H68Z	1.1/4"	32	20	91.5/94.1	50.8	43	68	8	O222 N90
87391Y1-24-20Z +	-	1.1/2"	32	20	91.5	60.3	50	81	8	O225 N90
87391Y-24-20Z ++	87392Y-24-20Z	1.1/2"	32	20	91.5/94.1	60.3	50	81	8	O225 N90
87391Y-32-24H120Z	87392Y-32-24H120Z	2"	40	24	109.4/112.4	71.4	62	120	9.53	O228 N90
87391Y-32-32H120Z	87392Y-32-32H120Z	2"	50	32	131.8/136.2	71.4	62	120	9.53	O228 N90
ISO 12151-3 MEDIUM ELBOW (EM)										
87391Y-08-08H40Z	87392Y-08-08H40Z	1/2"	12	08	41	30.2	24	40	6.73	O210 N90
87391Y-12-08H58Z	87392Y-12-08H58Z	3/4"	12	08	41	38.1	31.7	58	6.73	O214 N90
87391Y-12-12H58Z	87392Y-12-12H58Z	3/4"	20	12	66.2	38.1	31.7	58	6.73	O214 N90
87391Y-16-12H70Z	87392Y-16-12H70Z	1"	20	12	65.5	44.4	38	70	8	O219 N90
87391Y-16-16H70Z	87392Y-16-16H70Z	1"	25	16	76.7	44.4	38	70	8	O219 N90
87391Y-20-16H90Z	87392Y-20-16H90Z	1.1/4"	25	16	76.7	50.8	43	90	8	O222 N90
87391Y1-20-20H90Z +	-	1.1/4"	32	20	91.5	50.8	43	90	8	O222 N90
87391Y-20-20H90Z ++	87392Y-20-20H90Z	1.1/4"	32	20	91.5/94.1	50.8	43	90	8	O222 N90
87391Y1-24-20H104Z +	-	1.1/2"	32	20	91.5	60.3	50	104	8	O225 N90
87391Y-24-20H104Z ++	87392Y-24-20H104Z	1.1/2"	32	20	91.5/94.1	60.3	50	104	8	O225 N90
87391Y-24-24H104Z	87392Y-24-24H104Z	1.1/2"	40	24	109.4/112.4	60.3	50	104	8	O225 N90
87391Y-32-24H138Z	87392Y-32-24H138Z	2"	40	24	109.4/112.4	71.4	62	138	9.53	O228 N90
87391Y-32-32H138Z	87392Y-32-32H138Z	2"	50	32	131.8/136.2	71.4	62	138	9.53	O228 N90

1. The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.
2. Part no. marked with "*" is recommended.
3. "*" NBR O-ring need another order. Use V80 replace N90 when the fitting material is stainless steel and the O-ring material is Viton.
4. Marked with "+" design for GH781, GH663, FC686, EC110, EC881 hose, Marked with "++" design for GH793, EC210, EC215 hose.
5. The recommended match hoses for 1 piece braided fittings are : FC687/EC115-16 and smaller sizes; GH663/EC881-20 and smaller sizes; FC686/EC210/EC215/GH781-24 and smaller sizes; EC110/GH793 whole sizes etc. and with non-skive crimping. For 1 piece spiral fittings are: 2755/GH493/EC640/GH425-16 and smaller sizes; GH506/EC512-12 and larger sizes with skive crimping.
6. Material options for fitting.

Fitting material	Part. No. suffix	Part No. example
Carbon steel (Default)	Z	87391Y-12-12Z
304 stainless steel	SR	87391Y-12-12SR
316L stainless steel	SV	87391Y-12-12SV
316Ti stainless steel	SY	87391Y-12-12SY

7. Plating options and performance for carbon steel fittings.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	87391Y-12-12Z	96	360
Durakote plating	ZD	87391Y-12-12ZD	360	720
Zinc-nickel plating	ZN	87391Y-12-12ZN	1000	-