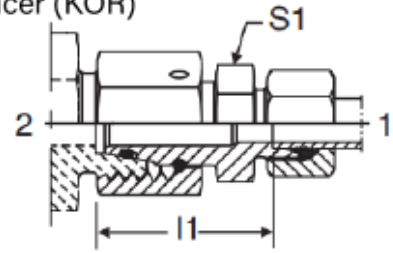


Spec / Additional Data Sheet

RED – Metric Female x Metric Male Reducer (KOR)

RED

Tube End Reducer
Flareless Swivel / 24° Flareless



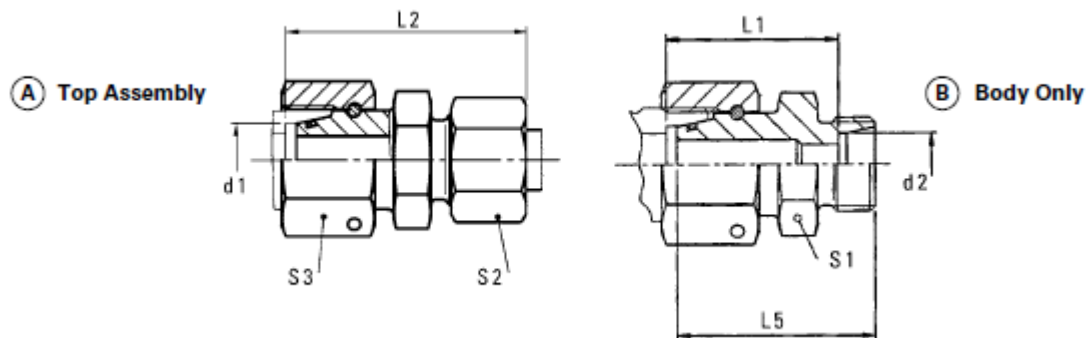
L-Series

S-Series

TUBE FITTING PART #	END SIZE		I1 (mm)	S1 (mm)	STANDARD Pressure Rating (bar)				
	1 (mm)	2 Metric			EO			EO-2	
					A3C	71	MS	A3C	71
RED06L/04LL	4	M12 x 1.5	24.5	9				250	
RED08/06L	6	M14 x 1.5	23.5	12	315	315		315	315
RED10/06L	6	M16 x 1.5	25	14	315	315		315	315
RED10/08L	8		25		315	315		315	315
RED12/06L	6	M18 x 1.5	25	17	315	315		315	315
RED12/08L	8		25		315	315		315	315
RED12/10L	10		26		315	315		315	315
RED15/06L	6	M22 x 1.5	28.5	19	315	315		315	315
RED15/08L	8		28.5		315	315		315	315
RED15/10L	10		29.5		315	315		315	315
RED15/12L	12		29.5		315	315		315	315
RED18/06L	6	M26 x 1.5	28	24	315	315		315	315
RED18/08L	8		28		315	315		315	315
RED18/10L	10		29		315	315		315	315
RED18/12L	12		29		315	315		315	315
RED18/15L	15		30		315	315		315	315
RED22/06L	6	M30 x 2	32	27	160	160		160	160
RED22/08L	8		32		160	160		160	160
RED28/10L	10		35		160	160		160	160
RED28/12L	12		35		160	160		160	160
RED28/15L	15		36		160	160		160	160
RED28/18L	18		35.5		160	160		160	160
RED28/22L	22		37.5		160	160		160	160
RED35/12L	12	M45 x 2	38	41	160			160	
RED35/15L	15		39		160	160		160	160
RED35/18L	18		38.5		160	160		160	160
RED35/22L	22		40.5		160	160		160	160
RED35/28L	28		40.5		160	160		160	160
RED42/18L	18	M52 x 2	42	50	160			160	
RED42/22L	22		44		160	160		160	160
RED42/28L	28		44		160	160		160	160
RED42/35L	35		43		160	160		160	160

TUBE FITTING PART #	END SIZE		I1 (mm)	S1 (mm)	STANDARD Pressure Rating (bar)				
	1 (mm)	2 Metric			EO			EO-2	
					A3C	71	MS	A3C	71
RED08/06S	6	M16 x 1.5	27	14	630	630		630	630
RED10/06S	6	M18 x 1.5	27.5	17	630	630		630	630
RED10/08S	8		27.5		630	630		630	630
RED12/06S	6	M20 x 1.5	29	17	630	630		630	630
RED12/08S	8		29	17	630	630		630	630
RED12/10S	10		29.5	19	630	630		630	630
RED14/06S	6	M22 x 1.5	31.5	19	630			630	
RED14/08S	8		31.5	19	630			630	
RED14/10S	10		31	19	630	630		630	630
RED14/12S	12		31	22	630	630		630	630
RED16/06S	6	M24 x 1.5	32	22	400	400		400	400
RED16/08S	8		32	22	400	400		400	400
RED16/10S	10		31.5	22	400	400		400	400
RED16/12S	12		31.5	22	400	400		400	400
RED16/14S	14		33	24	400	400		400	400
RED20/06S	6	M30 x 2	36	27	400	400		400	400
RED20/08S	8		36		400	400		400	400
RED20/10S	10		35.5		400	400		400	400
RED20/12S	12		35.5		400	400		400	400
RED20/14S	14		37		400	400		400	400
RED20/16S	16		36.5		400	400		400	400
RED25/06S	6	M36 x 2	38.5	32	400			400	
RED25/08S	8		38.5		400			400	
RED25/10S	10		38		400	400		400	400
RED25/12S	12		38		400	400		400	400
RED25/14S	14		39.5		400	400		400	400
RED25/16S	16		39		400	400		400	400
RED25/20S	20		39		400	400		400	400
RED30/08S	8	M42 x 2	44	41	400			400	
RED30/10S	10		43.5		400	400		400	400
RED30/12S	12		43.5		400	400		400	400
RED30/14S	14		45		400			400	
RED30/16S	16		44.5		400	400		400	400
RED30/20S	20		44.5		400	400		400	400
RED30/25S	25		45		400	400		400	400
RED38/12S	12	M52 x 2	47	50	315			315	
RED38/16S	16		48		315	315		315	315
RED38/20S	20		48		315	315		315	315
RED38/25S	25		48.5		315	315		315	315
RED38/30S	30		49		315	315		315	315

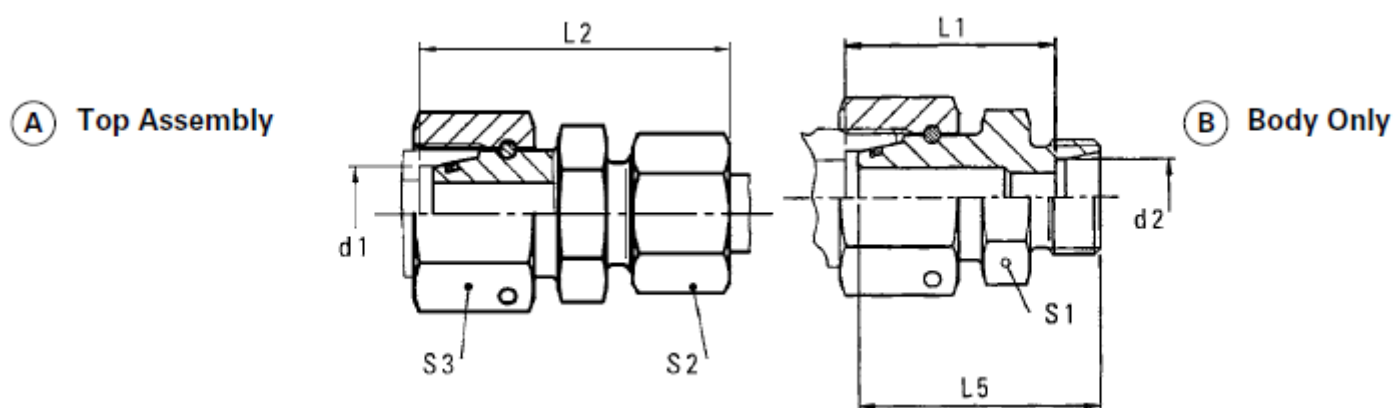
Swivel Reducer L Series - 24° Swivel/24°



Bar (psi)	Tube O.D. d1	d2	(A) Part Number	(B) Part Number	L5	L2	L1	S1	S2	S3	O-Ring
500 (7252)	8	6	WAL619570	WAL619030	29,0	37,5	23,5	12	14	17	6,0 x 1,5
		6	WAL619120	WAL619031	31,0	39,0	25,0	14	14	19	8,5 x 1,5
	8	WAL619121	WAL619032	31,0	39,5	25,0		17			
400 (5801)	12	6	WAL619122	WAL619033	31,0	39,0	25,0	17	14	22	10,0 x 1,5
		8	WAL619123	WAL619034	31,0	39,5	25,0		17		
		10	WAL619124	WAL619035	32,0	40,5	26,0		19		
	15	6	WAL619125	WAL619036	34,5	42,5	28,5	22	14	27	12,0 x 2,0
		8	WAL619126	WAL619037	34,5	43,0	28,5		17		
		10	WAL619127	WAL619038	35,5	44,0	29,5		19		
		12	WAL619128	WAL619039	35,5	43,5	29,5		22		
	18	6	WAL619129	WAL619040	33,5	42,0	28,0	24	14	32	15,0 x 2,0
		8	WAL619130	WAL619041	33,5	42,5	28,0		17		
		10	WAL619131	WAL619042	34,5	43,5	29,0		19		
12		WAL619132	WAL619043	34,5	43,0	29,0		22			
15		WAL619133	WAL619044	35,5	45,0	30,0		27			
250 (3626)	22	6	WAL619134 [†]	WAL619045 [†]	37,5	46,0	32,0	27	14	36	20,0 x 2,0
		8	WAL619135	WAL619046	37,5	46,5	32,0		17		
		10	WAL619136	WAL619047	38,5	47,5	33,0		19		
		12	WAL619137	WAL619048	38,5	47,0	33,0		22		
		15	WAL619138	WAL619049	39,5	49,0	34,0		27		
		18	WAL619139	WAL619050	39,5	49,5	33,5		32		
250 (3626)	28	6	WAL619140 [†]	WAL619051 [†]	39,5	48,0	34,0	36	14	46	26,0 x 2,0
		8	WAL619141 [†]	WAL619052 [†]	39,5	48,5	34,0		17		
		10	WAL619142	WAL619053	40,5	49,5	35,0		19		
		12	WAL619143	WAL619054	40,5	49,0	35,0		22		
		15	WAL619144	WAL619055	41,5	51,0	36,0		27		
		18	WAL619145	WAL619056	41,5	51,5	35,5		32		
		22	WAL619146	WAL619057	43,5	53,5	37,5		36		
		35	6	WAL619147 [†]	WAL619058 [†]	41,0	51,0	37,0	46	14	50
	8		WAL619148 [†]	WAL619059 [†]	41,0	51,5	37,0		17		
	10		WAL619149 [†]	WAL619060 [†]	42,0	52,5	38,0		19		
	12		WAL619150 [†]	WAL619061 [†]	42,0	52,0	38,0		22		
	15		WAL619151	WAL619062	43,0	54,0	39,0		27		
	18		WAL619152	WAL619063	43,0	54,5	38,5		32		
	22		WAL619153	WAL619064	45,0	56,5	40,5		36		
	28		WAL619154	WAL619065	45,0	56,5	40,5		41		
	42	6	6	WAL619155 [†]	WAL619066 [†]	44,0	54,5	40,5	50	14	60
8			WAL619156 [†]	WAL619067 [†]	44,0	55,0	40,5		17		
10			WAL619157 [†]	WAL619068 [†]	45,0	56,0	41,5		19		
12			WAL619158 [†]	WAL619069 [†]	45,0	55,5	41,5		22		
15			WAL619159 [†]	WAL619070 [†]	46,0	57,5	42,5		27		
18			WAL619160	WAL619071	46,0	58,0	42,0		32		
22			WAL619161	WAL619072	48,0	60,0	44,0		36		
28	WAL619162	WAL619073	48,0	60,0	44,0		41				
35	WAL619163	WAL619074	50,0	63,5	43,0		50				

L₅ = approximate length with nut tightened

Swivel Reducer S Series – 24° Swivel/24°



Bar (psi)	Tube O.D. d1	Tube O.D. d2	(A) Part Number	(B) Part Number	L5	L2	L1	S1	S2	S3	O-Ring	
800 (11603)	8	6	WAL619164	WAL619075	32,5	41,5	27,0	14	17	19	6,0 x 1,5	
		10	WAL619165	WAL619076	33,0	42,0	27,5	17	17	22	8,5 x 1,5	
	8	WAL619166	WAL619077	33,0	42,0	27,5		19				
630 (9137)	12	6	WAL619167	WAL619078	35,5	44,5	30,0	19	17	24	10,0 x 1,5	
		8	WAL619168	WAL619079	35,5	44,5	30,0		19			
		10	WAL619169	WAL619080	35,5	45,0	29,5		22			
	16	6	WAL619174	WAL619085	36,5	46,0	32,0		17			
		8	WAL619175	WAL619086	36,5	46,0	32,0	22	19			
		10	WAL619176	WAL619087	36,5	47,0	31,5		22	30	14,0 x 2,0	
		12	WAL619177	WAL619088	36,5	47,0	31,5		24			
420 (6091)	20	14	WAL619178	WAL619089	38,5	50,5	33,0	24	27	30	14,0 x 2,0	
		6	WAL619179	WAL619090	40,0	50,5	36,0	27	17			
		8	WAL619180	WAL619091	40,0	50,5	36,0		19	20		
		10	WAL619181	WAL619092	40,0	51,0	35,5		22			
		12	WAL619182	WAL619093	40,0	51,0	35,5		24	36	17,3 x 2,4	
420 (6091)	25	14	WAL619183	WAL619094	42,0	54,5	37,0		27			
		16	WAL619184	WAL619095	42,0	54,5	38,5		30			
		6	WAL619185 ¹	WAL619096 ¹	41	53,0	38,5	36	17	46	22,3 x 2,4	
		8	WAL619186 ¹	WAL619097 ¹	41	53,0	38,5		19			
		10	WAL619187	WAL619098	41	53,5	38,0		22			
		12	WAL619188	WAL619099	41	53,5	38,0		24			
400 (5801)	30	16	WAL619190	WAL619101	43	57,0	39,0		30			
		20	WAL619191	WAL619102	45	60,0	39,0		36			
		6	WAL619192	WAL619103	45	58,5	44,0	41	17	50	27,3 x 2,4	
		8	WAL619193 ¹	WAL619104 ¹	45	58,5	44,0		19			
		10	WAL619194 ¹	WAL619105 ¹	45	59,0	43,5		22			
		12	WAL619195	WAL619106	45	59,0	43,5		24			
	38	16	WAL619197	WAL619108	47	62,5	44,5		30			
		20	WAL619198	WAL619109	49	65,5	44,5		36			
		25	WAL619199	WAL619110	51	68,5	45,0		46			
		6	WAL619200 ¹	WAL619111 ¹	46	62,0	47,5	60	17	60	35,0 x 2,5	
		8	WAL619201 ¹	WAL619112 ¹	46	62,0	47,5		19			
		10	WAL619202 ¹	WAL619113 ¹	46	62,5	47,0		22			
		12	WAL619203	WAL619114	46	62,5	47,0		24			
	16	WAL619205	WAL619116	48	66,0	48,0		30				
	20	WAL619206	WAL619117	50	69,0	48,0		36				
	25	WAL619207	WAL619118	52	72,0	48,5		46				
	30	WAL619208	WAL619119	54	75,0	49,0		50				

L₁ = approximate length with nut tightened