



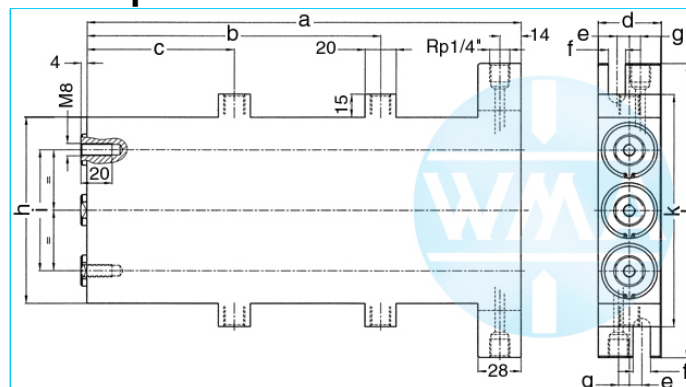
Welding cylinder

Triplex with retract and working stroke

Version: 2011-01

**bilateral air connection,
double-stage pressurized**

undamped



Nominal size 025

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
50	30	348	248	125	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.050.20
60	20	358	248	125	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.060.20
70	30	408	288	145	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.070.20
80	20	418	288	145	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.080.20
90	40	488	348	175	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.090.20
100	30	498	348	175	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.100.20
110	40	548	388	195	30	7	11	7	90	60	115	150	0.26 kN	108.121.124.025.110.20

S = retract, WS = working stroke, *at 1 bar pressure

Nominal size 032

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
50	30	348	248	125	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.050.20
60	20	358	248	125	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.060.20
70	30	408	288	145	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.070.20
80	20	418	288	145	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.080.20
90	40	488	348	157	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.090.20
100	30	498	348	157	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.100.20
110	40	548	388	195	40	8	11	7	120	78	150	190	0.45 kN	108.121.124.032.110.20

S = retract, WS = working stroke, *at 1 bar pressure

Nominal size 034

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
50	30	348	248	125	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.050.20
60	20	358	248	125	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.060.20
70	30	408	288	145	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.070.20
80	20	418	288	145	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.080.20
90	40	488	348	157	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.090.20
100	30	498	348	157	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.100.20
110	40	548	388	195	40	8	11	7	120	78	150	190	0.51 kN	108.121.124.034.110.20

S = retract, WS = working stroke, *at 1 bar pressure

We reserve the right to make changes which are in the interest of technical progress.

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Cylinder-Triplex-1



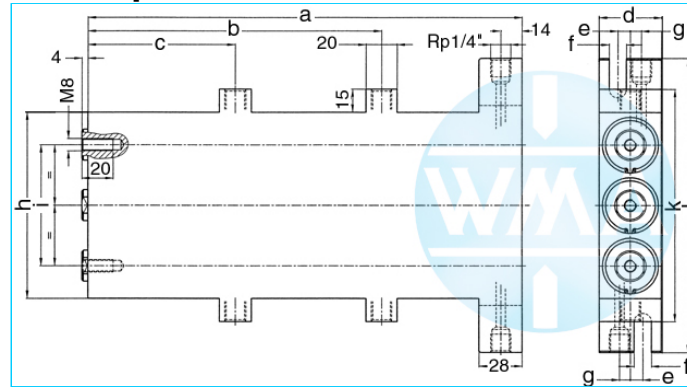
Welding cylinder

Triplex with retract and working stroke

Version: 2011-01

**bilateral air connection,
double-stage pressurized**

undamped



Nominal size 038

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
50	30	348	248	125	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.050.30
60	20	358	248	125	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.060.30
70	30	408	288	145	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.070.30
80	20	418	288	145	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.080.30
90	40	488	348	175	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.090.30
100	30	498	348	175	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.100.30
110	40	548	388	195	48	10	13	8	150	100	174	210	0.6 kN	108.121.124.038.110.30

S = retract, WS = working stroke, *at 1 bar pressure

Nominal size 044

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
50	30	348	248	125	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.050.30
60	20	358	248	125	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.060.30
70	30	408	288	145	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.070.30
80	20	418	288	145	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.080.30
90	40	488	348	175	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.090.30
100	30	498	348	175	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.100.30
110	40	548	388	195	52	10	13	8	152	100	174	210	0.84 kN	108.121.124.044.150.30

S = retract, WS = working stroke, *at 1 bar pressure

Nominal size 058

S	WS	a	b	c	d	e	f	g	h	i	k	l	Force*	Order-number
36	30	348	248	125	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.050.30
50	20	358	248	125	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.060.30
65	30	408	288	145	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.070.30
80	20	418	288	145	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.080.30
100	40	488	348	175	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.090.30
130	30	498	348	175	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.100.30
150	40	548	388	195	70	10	13	8	210	140	234	260	1.5 kN	108.121.124.058.110.30

S = retract, WS = working stroke, *at 1 bar pressure

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Cylinder-Triplex-2

