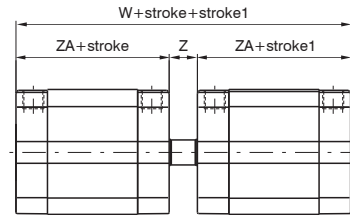
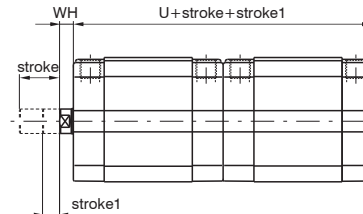


Opposed tandem with common rods



Tandem push with independent rods



Ordering code

Basic version push/pull

- 15 . Ø . stroke . . .
- 1 = Double acting (magnetic)
 - 2 = Front spring (magnetic)
 - 3 = Rear spring (magnetic)
 - 4 = Double acting (non magnetic)
 - 5 = Front spring (non magnetic)
 - 6 = Rear spring (non magnetic)
-
- 01 = Basic version - female piston rod
 - 02 = Basic version - male piston rod
 - 03 = Push / pull version - female piston rod
 - 04 = Push / pull version - male piston rod
 - 05 = Push / pull version - bored male piston rod
 - 06 = Push / pull version - bored female piston rod
 - 07 = Non - rotating version
 - 08 = Push / pull version with non rotating device on one side - female piston rod *
 - 09 = Push / pull version with non rotating device on one side - male piston rod *
-
- 1 = Chromed rod C43 (from Ø12 to Ø25 stainless steel)
 - 2 = Stainless steel rod (from Ø32 to Ø100)
-
- 6 = ISO (Ø32 ... Ø100)
 - 7 = ISO HNBR (Ø32 ... Ø100)
 - 8 = UNITOP (Ø12 ... Ø100)
 - 9 = UNITOP HNBR (Ø12 ... Ø100)

* for single acting version, the spring is on the anti-rotation side

Tandem version

- 15 . Ø . stroke . (stroke1) . .
- A = Tandem with opposite rods female thread
 - E = Tandem with opposite rods male thread
 - L = Tandem opposite rods with non rotating device on both sides
 - C = Tandem push with common rods female thread
 - G = Tandem push with common rods male thread
 - H = Tandem push with common rods, push-pull version rod female threads
 - N = Tandem push with common rods with non rotating device
 - D = Opposed tandem with common rod
 - B = Tandem push with independent rods female thread
 - F = Tandem push with independent rods male thread
 - M = Tandem push with independent rods with non rotating device
 - P = Tandem push/pull with independent rods - female thread
 - Q = Tandem push/pull with independent rods - male thread
-
- 1 = Chromed rod C43 (from Ø12 to Ø25 stainless steel)
 - 2 = Stainless steel rod (from Ø32 to Ø100)
-
- 6 = ISO (Ø32 ... Ø100)
 - 7 = ISO HNBR (Ø32 ... Ø100)
 - 8 = UNITOP (Ø12 ... Ø100)
 - 9 = UNITOP HNBR (Ø12 ... Ø100)

Table of dimensions

Bore	12	16	20	25	32	40	50	63	80	100
AF	6	8	10	10	12	12	12	12	16	20
BG	19	19	20	20	17,5	17,5	19,5	19,5	23,5	24,5
DT	6	6	8	8	10	9	10,5	10,5	14	14
E	29	29	36	40	48	57	67	80	102	122
E1	30	30	37,5	41,5	49,5	58,5	69	82	105	125
EE	M5	M5	M5	M5	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/4"
KF	M3	M4	M5	M5	M6	M6	M8	M8	M10	M12
LB	3,5	3,5	4,8	4,8	5,5	5,5	6,5	6,5	8,5	8,5
MM	6	8	10	10	12	12	16	16	20	25
PL	8	8	8	8	8	8	8	8	8,5	10,5
RT	M4	M4	M5	M5	M6	M6	M8	M8	M10	M10
SW	5	7	8	8	10	10	13	13	17	22
TG ISO	/	/	/	/	32,5	38	46,5	56,5	72	89
TG UNITOP	18	18	22	26	32	42	50	62	82	103
U	76	76	76	79	89	91	91	100	112	133
W	85	85	85	90	101	104	106	115	128	153
WH	4,5	4,5	4,5	5,5	6	6,5	7,5	7,5	8	10
Z	9	9	9	11	12	13	15	15	16	20
ZA *	38	38	38	39,5	44,5	45,5	45,5	50	56	66,5
ZJ *	42,5	42,5	42,5	45	50,5	52	53	57,5	64	76,5
Weight (g)	Stroke 0	88	90	140	170	210	320	460	690	1390
	every 5 mm	8	8	12	13	15	19	25	31	66

Dimensions marked with * increase of 10 mm for cylinders Ø12 front spring version

Tabular weights above refer to BASIC version; the weights of TANDEM versions are approximately double those shown