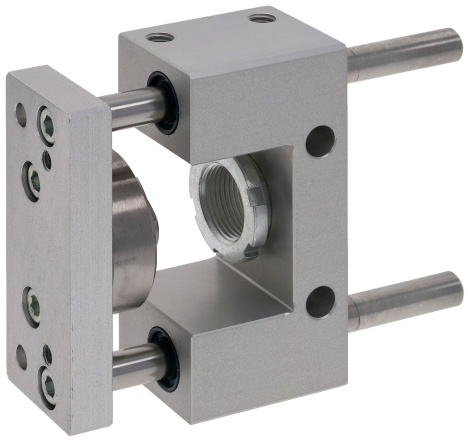
Guide unit GU1, Series CG1

0821401081

AVENTICS Guide units



Technical data

Industry	Industrial
Piston Ø	25 mm
Stroke	100 mm
Bearing type	Plain bearing
For standard cylinders	ISO 6432
Min. ambient temperature	-20 °C
Max. ambient temperature	80 °C
Weight 0 mm stroke	0.66 kg
Weight +10 mm stroke	0.0122 kg

Material

Bearing housings	Aluminum
Surface bearing housing	colorless anodized
Bearing type	Sintered bronze
Carrying plate	Aluminum
Surface carrying plate	colorless anodized
Material flexible coupling in carrying plate	Stainless Steel
Material guide rods	Hardened heat-treated steel
Surface guide rods	ground

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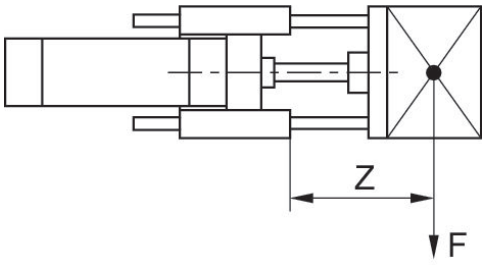
Part No.	0821401081

Technical information

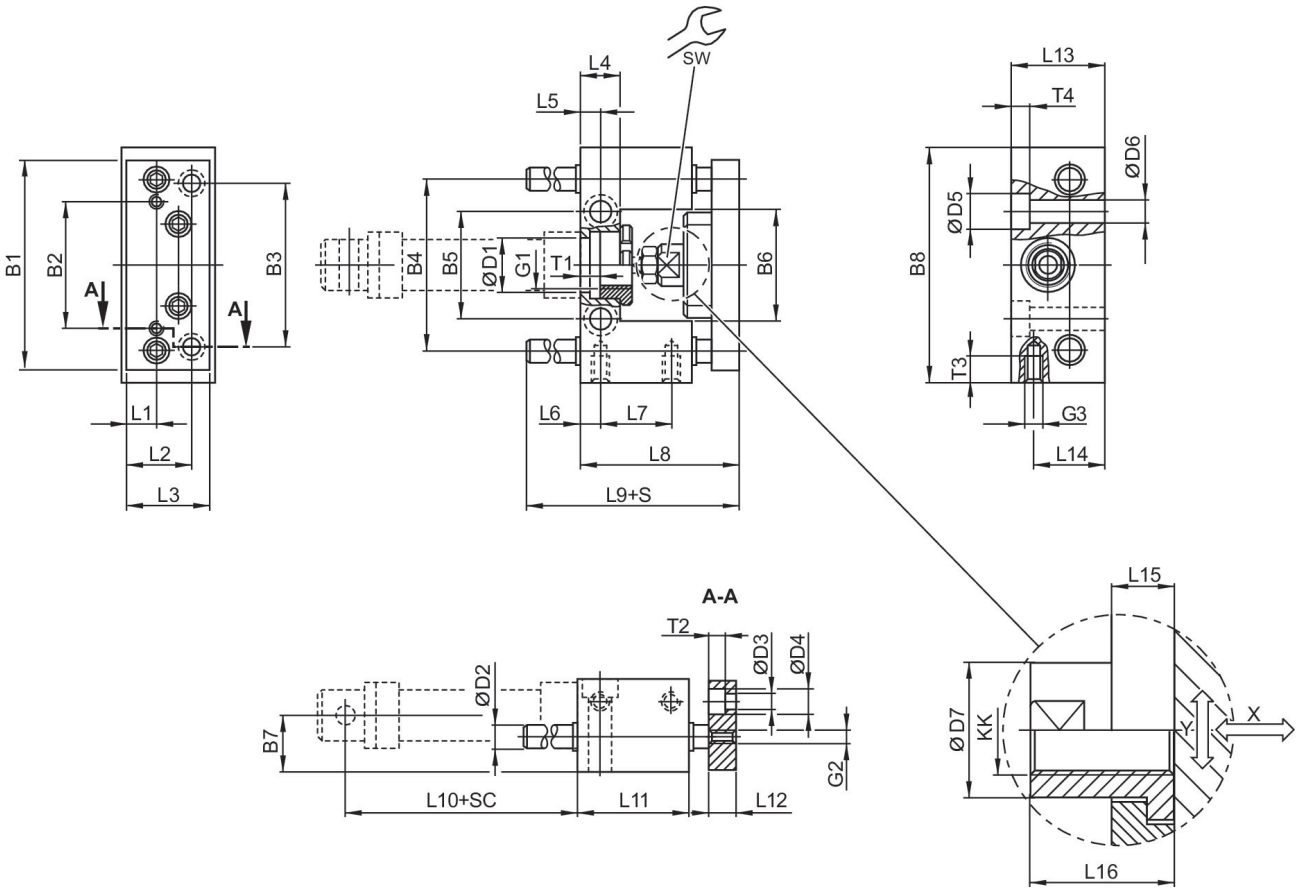
Guide units for cylinder Ø 12 also fit on cylinder Ø 16

Useful load



F = Useful load, Z = Projection

Dimensions



S = stroke
SC = cylinder stroke

X = max. play (axial)
Y = min. play (radial)

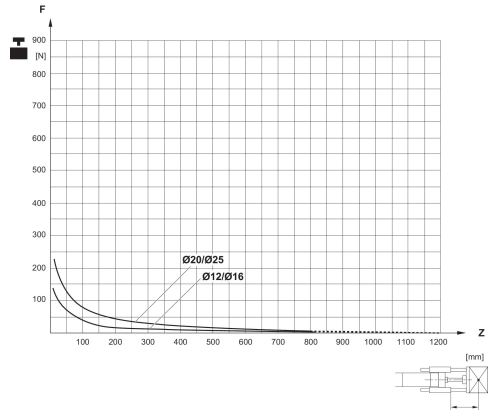
Piston Ø	B1	B2	B3	B4	B5	B6	B7	B8	D1	D2
20	90	55	70	74	46.5	48	24	100	22 H7	10
25	90	55	70	74	46.5	48	24	100	22 H7	10

Piston Ø	D3	D4	D5	D6	D7	G1	G2	G3	KK	L1
20	6.6	11	15	9	18	M22x1,5	M6	M8	M8	14
25	6.6	11	15	9	18	M22x1,5	M6	M8	M10x1,25	14

Piston Ø	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11
20	29	38	17	8.5	8	32	65	77	71	48
25	29	38	17	8.5	8	32	71	77	76	48

Piston Ø	L12	L13	L14	L15	L16	T1	T2	T3	T4	SW
20	12	40	30	14	22	8	7	14	9	15
25	12	40	30	14	22	8	7	14	9	15

Useful load



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