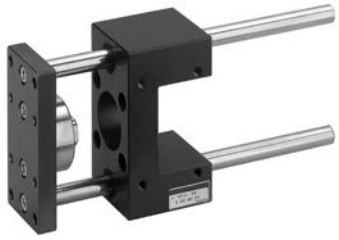
GU1, Guide unit

► Ø 32 - 100 mm ► Plain bearing ► For standard cylinders ISO 15552



00105859

Ambient temperature min./max.	-20 °C / 80 °C
Materials:	
Bearing housings	Aluminum, black anodized
Bearing type	Sintered bronze
Carrying plate	Aluminum, black anodized
Flexible coupling in carrying plate	Stainless steel
Guide rods	Stainless steel, smooth rolled

Suitable piston Ø		[mm]	32	40	50	63	80
Weight	0 mm stroke	[kg]	0.63	0.946	1.356	1.655	3.45
	10 mm stroke	[kg]	0.0122	0.0176	0.0176	0.0176	0.0222

Suitable piston Ø		[mm]	100				
Weight	0 mm stroke	[kg]	4.69				
	10 mm stroke	[kg]	0.0222				

	Suitable piston Ø [mm]	32	40	50	63	80
	Stroke 50	**0821401010**	**0821401020**	**0821401030**	**0821401480**	0821401050
	100	**0821401011**	**0821401021**	**0821401031**	0821401481	0821401051
	160	**0821401012**	**0821401022**	0821401032	0821401482	0821401052
	200	0821401013	**0821401023**	0821401033	0821401483	0821401053
	250	**0821401014**	0821401024	0821401034	0821401484	0821401054
	320	**0821401015**	0821401025	0821401035	0821401485	0821401055
	400	0821401016	0821401026	0821401036	0821401486	0821401056
	500	**0821401017**	0821401027	0821401037	0821401487	**0821401057**
	600	0821401018	0821401028	0821401038	0821401488	0821401058
	800	0821401019	0821401029	0821401039	0821401489	0821401059
	1000	0821401500	0821401502	0821401504	0821401490	0821401508
	1200	0821401501	0821401503	0821401505	0821401491	0821401509
	Suitable piston Ø [mm]	**100**				
	Stroke 50	0821401060				
	100	0821401061				
	160	0821401062				
	200	0821401063				
	250	0821401064				
	320	0821401065				
	400	0821401066				
	500	0821401067				
	600	0821401068				
	800	0821401069				
	1000	0821401510				
	1200	0821401511				

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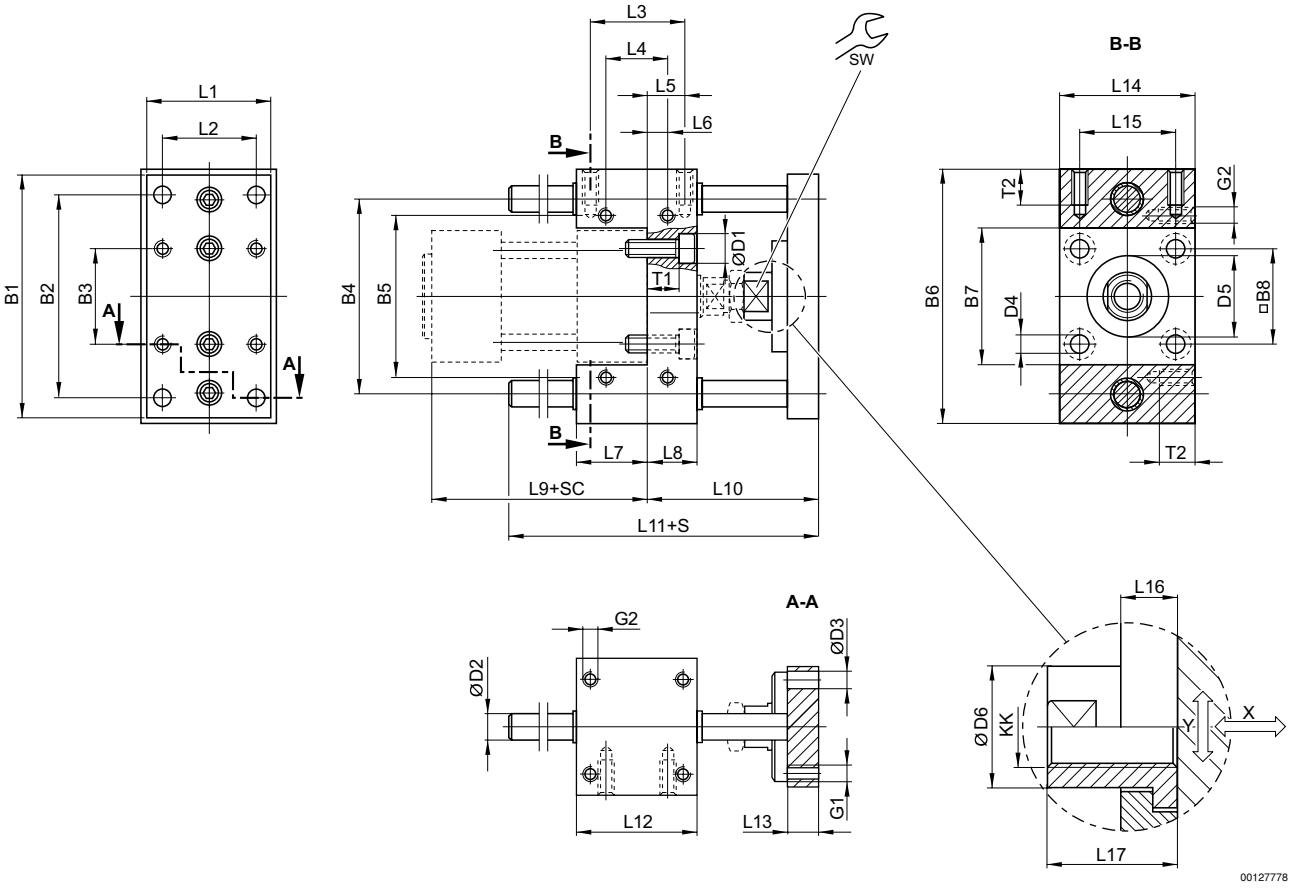
Ø 32 - 100 mm



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	D3	D4	D5
32	90	78	32.5	74	58	100	48	32.5	11	10	6.6	6.6	30 M8
40	100	84	38	80	64	106	54	38	11	12	6.6	6.6	35 M8
50	120	100	46.5	96	80	125	66	46.5	15	12	9	9	40 M8
63	125	105	56.5	104	95	132	76	56.5	15	12	9	9	45 M8
80	155	130	72	130	130	165	98	72	18	16	11	11	45 M8
100	175	150	89	150	150	185	118	89	18	16	11	11	55 M8

Piston Ø	D6	G1	G2	KK	L1	L2	L3	L4	L5	L6	L7	L8	L9
32	18	M6	M6	M10x1,25	45	32.5	32.5	32.5	9.25	9.25	31	17	94
40	18	M6	M6	M12x1,25	50	38	38	38	11	11	37	21	105
50	24	M8	M8	M16x1,5	60	46.5	46.5	46.5	18.75	18.75	34	25	106
63	24	M8	M8	M16x1,5	70	56.5	56.5	56.5	15.25	15.25	51	25	121
80	30	M10	M10	M20x1,5	90	72	72	50	25	14	56	34	128
100	30	M10	M10	M20x1,5	110	89	89	70	28.5	19	71	39	138

Piston Ø	L10	L11	L12	L13	L14	L15	L16	L17	SW	T1	T2		
32	69	106	48	12	48	32.5	14	22	15	10	14		
40	74	117	58	12	56	38	14	22	15	14	14		
50	89	129	59	15	66	46.5	14	26	22	16	16		

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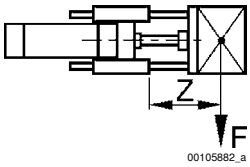
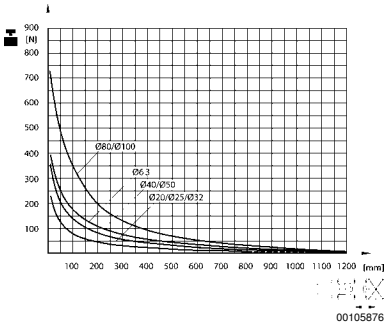
Piston Ø	L10	L11	L12	L13	L14	L15	L16	L17	SW	T1	T2		
63	89	146	76	15	76	56.5	14	26	22	16	16		
80	106	170	90	16	98	72	14	32	27	24	20		
100	111	190	110	16	118	89	14	32	27	29	20		

Useful load





F = Useful load, Z = Projection