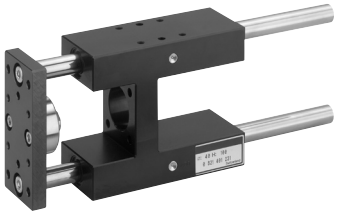
Guide unit, GH1

► Ø 32 - 100 mm ► Plain bearing ► for standard cylinder ISO 15552



00105863

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]	1.3	2.3	3.7	4.7	8.8
	10 mm stroke	[kg]	0.009	0.016	0.025	0.025	0.039

Suitable piston Ø		[mm]	100				
Weight	0 mm stroke	[kg]	11.1				
	10 mm stroke	[kg]	0.039				

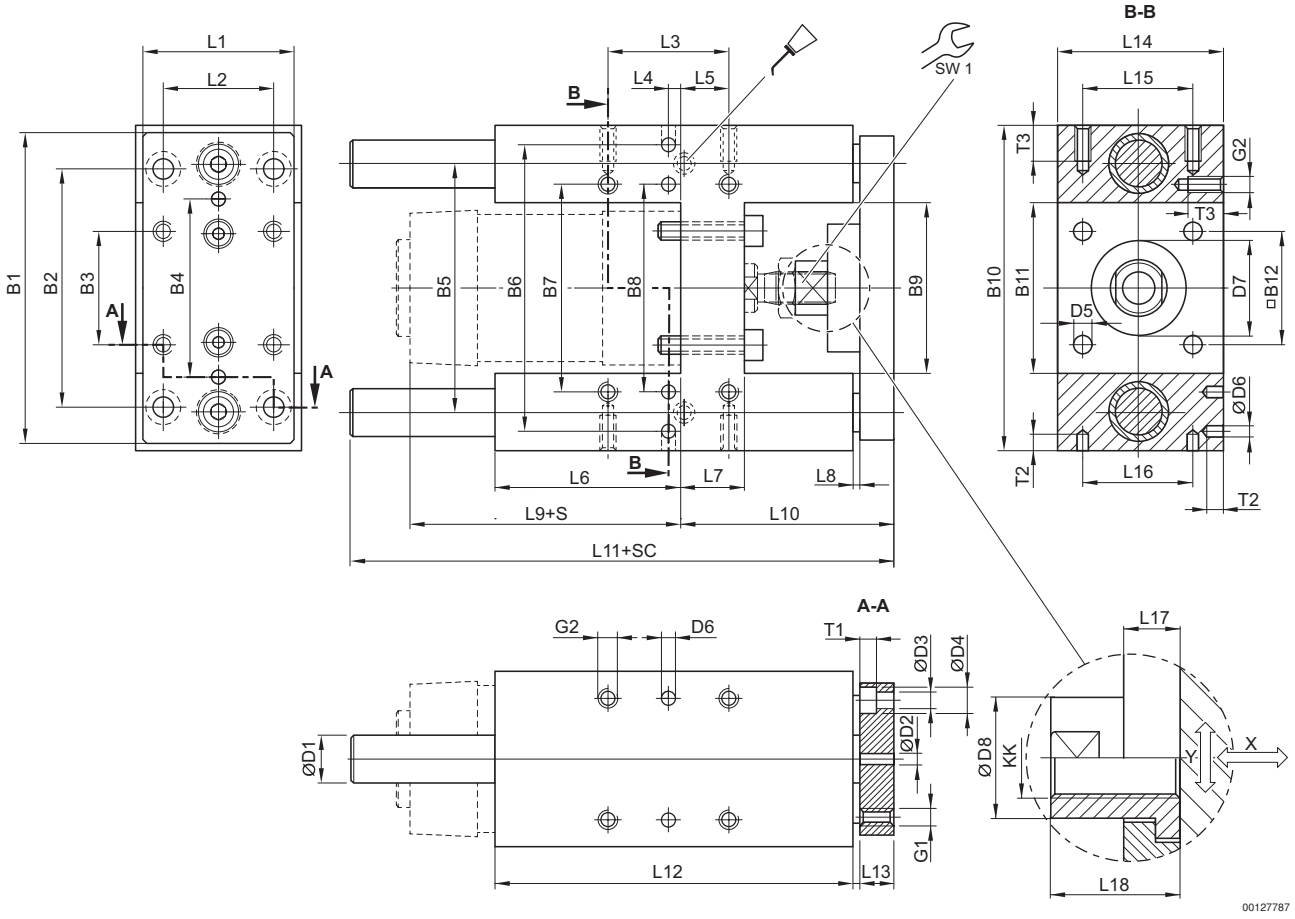
	Suitable piston Ø [mm] Min. play (radial) [mm]	32 1.5	40 2	50 2	63 2	80 2
	Stroke 50	**0821401220**	**0821401230**	**0821401240**	**0821401280**	-
	100	**0821401221**	**0821401231**	**0821401241**	**0821401281**	**0821401260**
	160	**0821401222**	**0821401232**	**0821401242**	**0821401285**	-
	200	**0821401223**	**0821401233**	**0821401243**	**0821401282**	**0821401261**
	250	**0821401224**	**0821401234**	**0821401244**	0821401286	-
	320	**0821401225**	**0821401235**	**0821401245**	**0821401283**	**0821401262**
	400	**0821401226**	**0821401236**	**0821401246**	**0821401287**	-
	500	**0821401227**	**0821401237**	**0821401247**	0821401284	**0821401263**
	600	0821401228	0821401238	**0821401249**	0821401288	0821401264
	800	0821401229	0821401239	**0821401474**	0821401289	0821401265
	1000	0821401470	0821401472	0821401475	0821401290	0821401266
	1200	0821401471	0821401473	0821401476	0821401291	0821401267
	Suitable piston Ø [mm] Min. play (radial) [mm]	**100 2**				
	Stroke 50	-				
	100	**0821401270**				
	160	-				
	200	**0821401271**				
	250	-				
	320	0821401272				
	400	-				
	500	**0821401273**				
	600	0821401274				
	800	0821401275				
	1000	0821401276				
	1200	0821401277				

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Guide unit, GH1

► Ø 32 - 100 mm ► Plain bearing ► for standard cylinder ISO 15552

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	B9	B10	B11
32	90	78	32.5	50 ±0,02	74	81 ±0,02	61	61 ±0,02	50.2	97	50.2
40	110	84	38	54 ±0,02	87	99 ±0,02	69	69 ±0,02	58.2	115	58.2
50	130	100	46.5	72 ±0,02	104	119 ±0,02	85	85 ±0,02	70.2	137	70.2
63	145	105	56.5	82 ±0,02	119	132 ±0,02	100	100 ±0,02	85.2	152	85.2
80	180	130	72	106 ±0,02	148	166 ±0,02	130	130 ±0,02	105.4	189	105.4
100	200	150	89	131 ±0,02	172	190 ±0,02	150	150 ±0,02	130.4	213	130.4

Piston Ø	B12	D1	D2	D3	D4	D5	D6	D7	D8	G1	G2	KK	L1
32	32.5	12	6 H7	6.6	11	6.6	6 H7	30 M8	14.5	M6	M6	M10x1,25	45
40	38	16	6 H7	6.6	11	6.6	6 H7	35 M8	18	M6	M6	M12x1,25	54
50	46.5	20	6 H7	9	15	9	6 H7	40 M8	24	M8	M8	M16x1,5	63
63	56.5	20	6 H7	9	15	9	6 H7	45 M8	24	M8	M8	M16x1,5	80
80	72	25	6 H7	11	18	11	6 H7	45 M8	30	M10	M10	M20x1,5	100
100	89	25	6 H7	11	18	11	6 H7	55 M8	30	M10	M10	M20x1,5	120

Piston Ø	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14
32	32.5	32.5	12	4.25	76	17	3	94	64	177.5	125	12	50

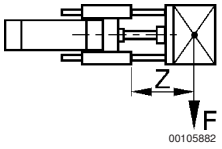
Guide unit, GH1

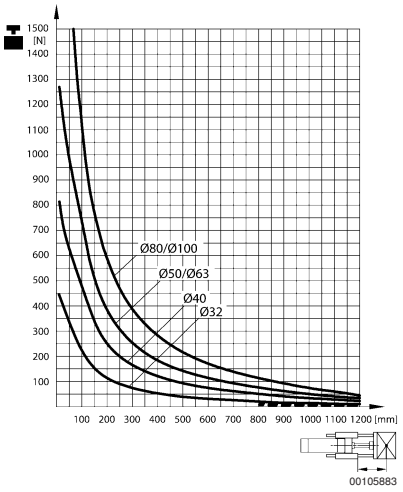
► Ø 32 - 100 mm ► Plain bearing ► for standard cylinder ISO 15552

Piston Ø	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14
40	38	38	8	11	81	21	3	105	74	192.5	140	12	58
50	46.5	46.5	4.5	18.75	79	26	3	106	89	205	150	15	70
63	56.5	56.5	13	15.25	111	26	3	121	89	237	182	15	85
80	72	72	15	21	128	34	3	128	110	280	215	20	105
100	89	89	20	24.5	128	39	3	138	115	280	220	20	130

Piston Ø	L15	L16	L17	L18	T1	T2	T3	SW1					
32	32.5	32,5 ±0,02	6	17	6.5	10	15	13					
40	38	38 ±0,02	14	22	6.5	10	15	15					
50	46.5	46,5 ±0,02	14	26	9	10	16	22					
63	56.5	56,5 ±0,02	14	26	9	10	16	22					
80	72	72 ±0,02	14	32	11	10	20	27					
100	89	89 ±0,02	14	32	11	10	20	27					

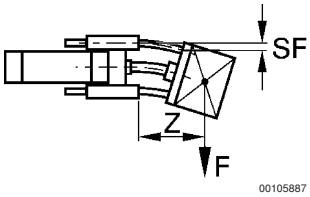
Useful load

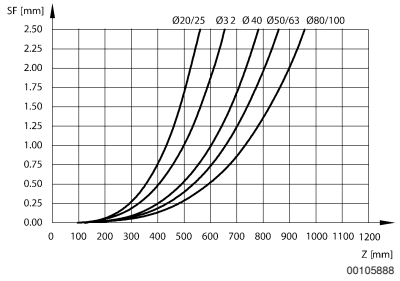




F = Useful load, Z = Projection

Bending due to own load



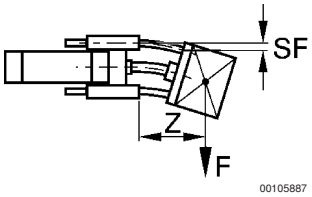


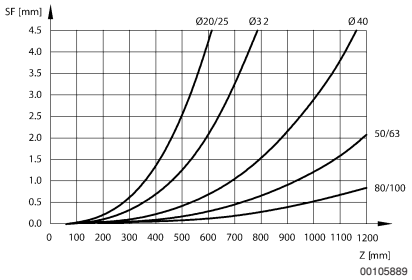
F = useful load (at the load center), SF = bending, Z = projection

Guide unit, GH1

► Ø 32 - 100 mm ► Plain bearing ► for standard cylinder ISO 15552

Bending due to 10 N load





F = useful load (at the load center), SF = bending, Z = projection