

Standard executions		
Version	Symbol	Type
U-shaped (light) with sintered bronze bushings		UGLB
H-shaped (heavy) with sintered bronze bushings		UGPB
H-shaped (heavy) with spherical bearings		UGPS



On request, they can be supplied according to 94/9/EC - ATEX

Options	Suffix
Rods in stainless steel AISI 304	K
Special versions on request	/ S

The options can be combined (when this is possible)

Series of linear slide units for cylinders ISO 6432 with four possible fixing surfaces. They must be used with heavy loads to guarantee a better linearity of movement and a higher precision. They can sometimes be used as anti-rotating devices too. The versions with spherical bearings slide better but can support lighter loads than the versions with bronze bushings. The U-shaped versions, can support lighter loads than the H-shaped ones.

For loads see pages 1.70.5 - 1.70.10.

How to order: UGPB20/100K

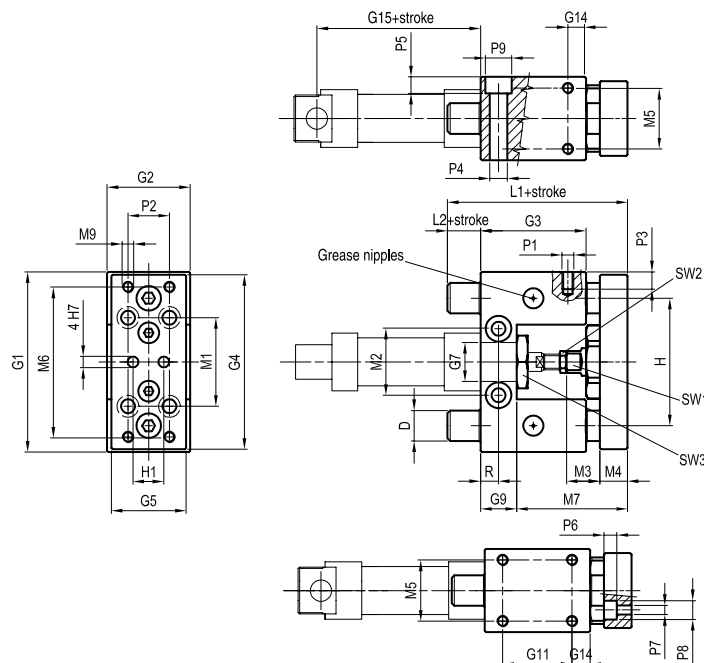
UGPB	20	/	100	K
Type	Cylinder Bore	/	Cylinder stroke	Option

Technical data	
Temperature range	-20 °C ÷ +70° C
Materials	Body: Anodised aluminium Plate: Anodised aluminium Seals: Polyurethane - Bronze bushing: Sintered bronze Bushings: UGLB - UGPB: Sintered bronze UGPS: Spherical bearings Rods: UGLB - UGPB: Chrome plated steel C45 UGPS: Hardened and chrome plated steel CF51

Cylinder bore (mm)	Standard strokes of cylinders D.A. (mm)	Maximum stroke of cylinders D.A. (mm)
12	10, 25, 50, 80	1000
16	100, 125, 160	
20	200, 250, 320, 400, 500	
25		

Seal kits not available.

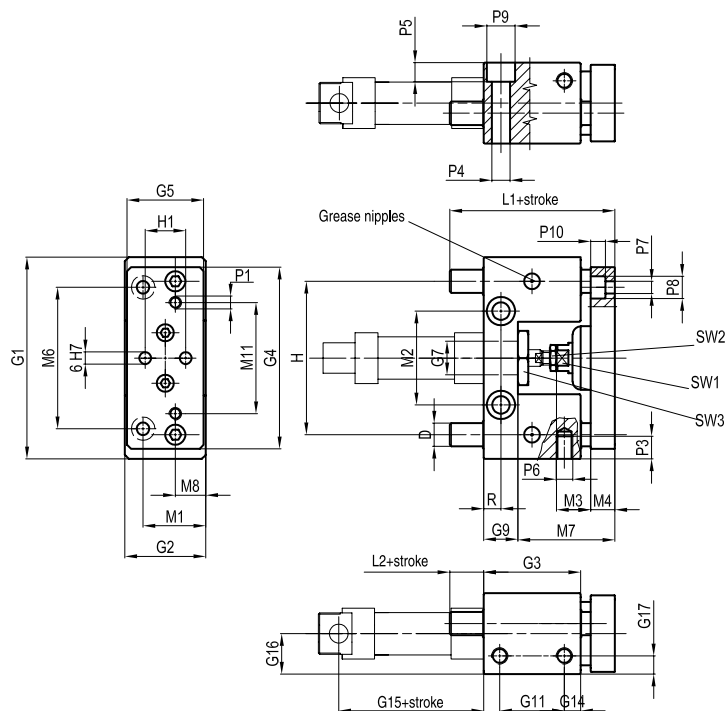
Type: **UGLB 12/16**



∅ mm	D	G ₁	G ₂	G ₃	G ₄	G ₅	G ₇	G ₉	G ₁₁	G ₁₄	G ₁₅	H	H ₁	L ₁	L ₂	M ₁	M ₂	M ₃
12	10	65	30	38	63	27	16	13	25	6,5	53	46	32	74	10	32	24	12
16	10	65	30	38	63	27	16	13	25	6,5	60	46	32	74	10	32	24	12

∅ mm	M ₄	M ₅	M ₆	M ₇	M ₉	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈	P ₉	R	SW ₁	SW ₂	SW ₃
12	10	22	54	51	M4	M4	15	8	5,2	5,5	4,5	4,5	7	8,5	6,5	8	10	19
16	12	22	54	51	M4	M4	15	8	5,2	5,5	4,5	4,5	7	8,5	6,5	8	10	19

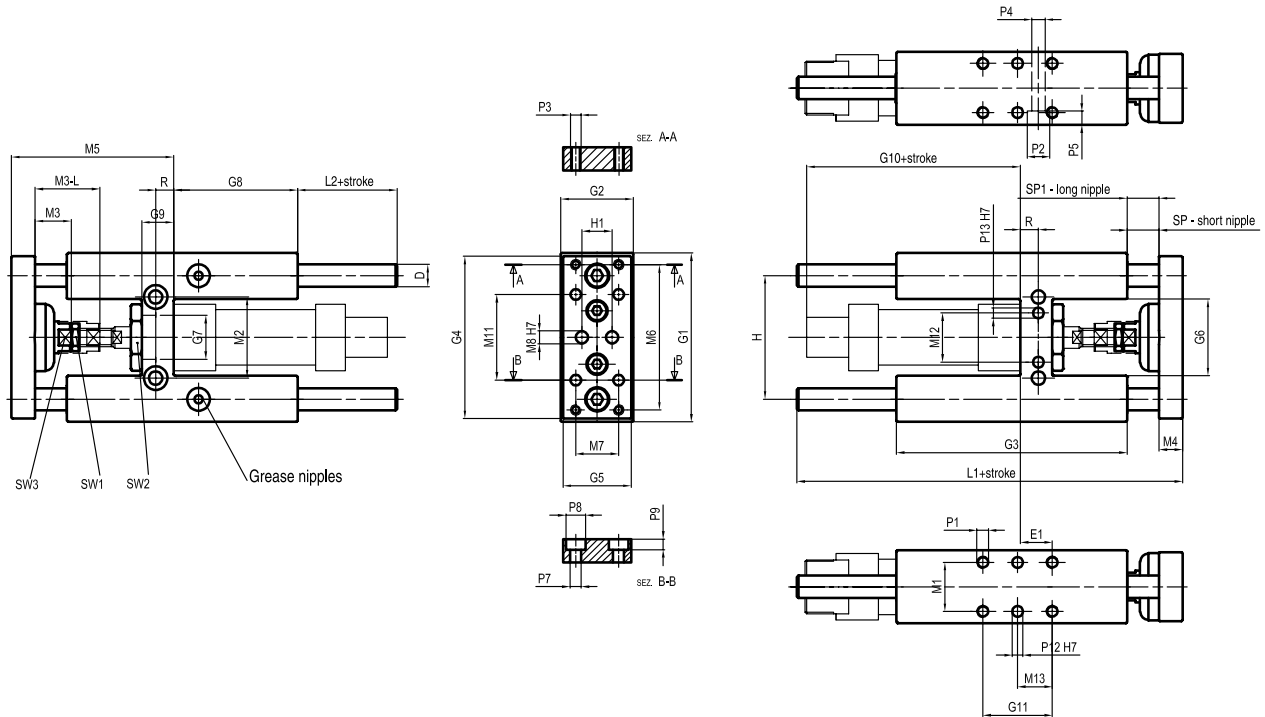
Type: **UGLB 20/25**



∅ mm	D	G ₁	G ₂	G ₃	G ₄	G ₅	∅ G ₇	G ₉	G ₁₁	G ₁₄	G ₁₅	G ₁₆	G ₁₇	H	H ₁	R	M ₁	M ₂	M ₃
20	12	100	40	48	90	38	22	17	32	8	71	24	10	76	20	8,5	30	46,5	19
25	12	100	40	48	90	38	22	17	32	8	76	24	10	76	20	8,5	30	46,5	19

∅ mm	M ₄	M ₆	M ₇	M ₈	M ₁₁	L ₁	L ₂	∅ P ₁	P ₃	∅ P ₄	P ₅	∅ P ₆	∅ P ₇	∅ P ₈	∅ P ₉	P ₁₀	SW ₁	SW ₂	SW ₃
20	12	70	48	15	55	75	12	M6	15	9	9	M8	6,5	11	14	7	13	13	27
25	12	70	54	15	55	83	12	M6	15	9	9	M8	6,5	11	14	7	13	17	27

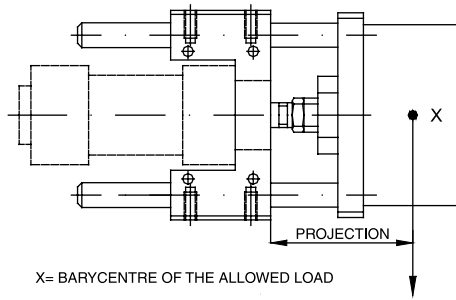
Type: **UGPB-UGPS**



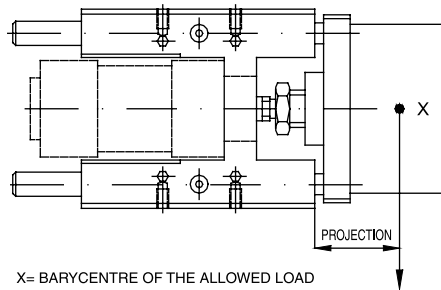
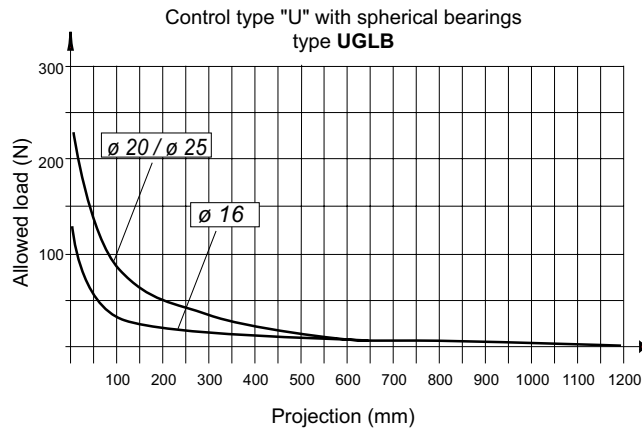
Ø mm	D	E ₁	G ₁	G ₂	G ₃	G ₄	G ₅	G ₆	G ₇	G ₈	G ₉	G ₁₀	G ₁₁	H	H ₁
12	10	11	65	30	75	63	27	27	16	37	13	66	32,5	46	15
16	10	11	65	30	75	63	27	27	16	37	13	71	32,5	46	15
20	12	15	79	34	108	76	32	36	22	58	15	87	32,5	58	20
25	12	15	79	34	108	76	32	36	22	58	15	90	32,5	58	20

Ø mm	L ₁	L ₂	M ₁	M ₂	M ₃	M ₄	M ₅	M ₆	M ₇	M ₈	M ₁₁	M ₁₂	M ₁₃	M _{3L}	P ₁
12	125	37	22	24	12	10	51	54	15	4	32	/	16,25	/	M4
16	125	37	22	24	12	10	51	54	15	4	32	/	16,25	/	M4
20	160	37	23	38	18	12	65	68	20	6	40	23	16,25	40	M6
25	160	37	23	38	18	12	65	68	20	6	40	23	16,25	40	M6

Ø mm	P ₂	P ₃	P ₄	P ₅	P ₇	P ₈	P ₉	P ₁₃	P ₂	R	SP	SP ₁	SW ₁	SW ₂	SW ₃
12	8,5	M4	5,5	5,5	4,5	7	4,5	/	/	6,5	3	3	10	19	8
16	8,5	M4	5,5	5,5	4,5	7	4,5	/	/	6,5	3	3	10	19	8
20	10,5	M5	6,5	7	5,5	9	6	5	5	8,5	3	22	13	27	13
25	10,5	M5	6,5	7	5,5	9	6	5	5	8,5	3	22	17	27	13



Graph of the maximum allowed load according to the projection (vertical loading plane)



Graph of the maximum allowed load according to the projection (vertical loading plane)

