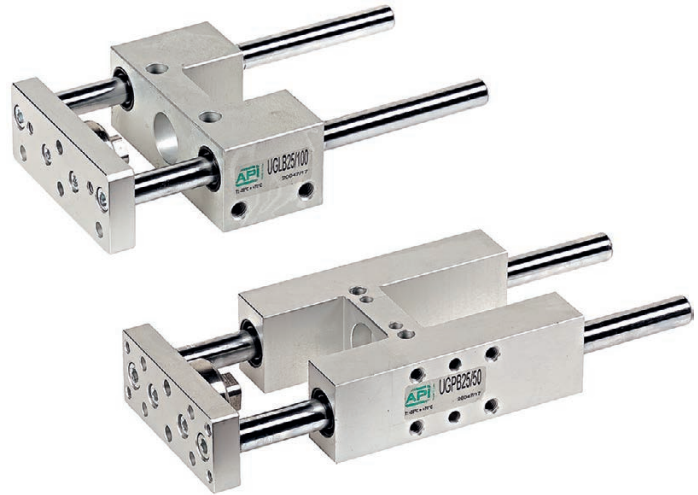


Slide Units for Cylinders ISO 6432

Bores from 12 to 25 mm



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



II 2Gc IIC T5
II 2Dc T100°C

On request, they can be supplied according to 2014/34/EU - ATEX

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.

Options	Suffix
Rods in stainless steel AISI 304 (UGPB type only)	K
Special versions on request	/ S

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

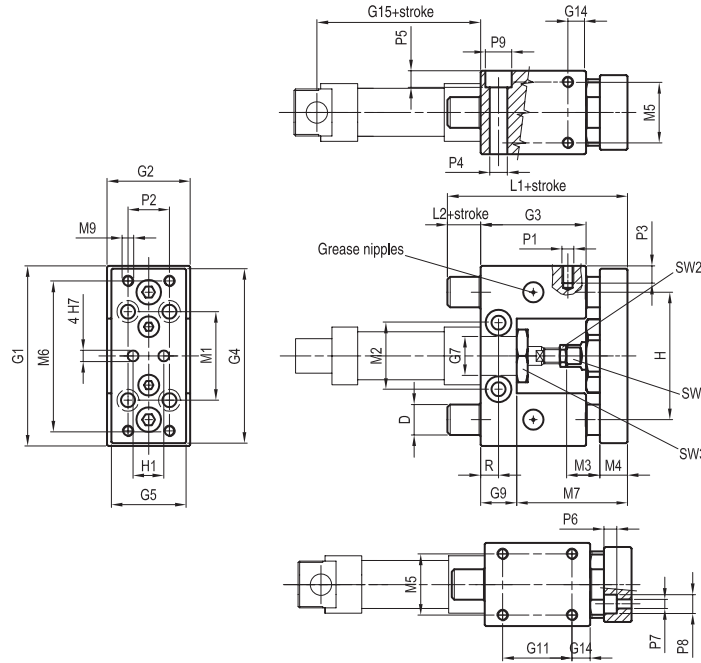
The options can be combined (when this is possible)

Technical data	
Temperature range	-20 °C ÷ +70° C
Materials	Body: Anodised aluminium Plate: Anodised aluminium Seals: Polyurethane - 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.

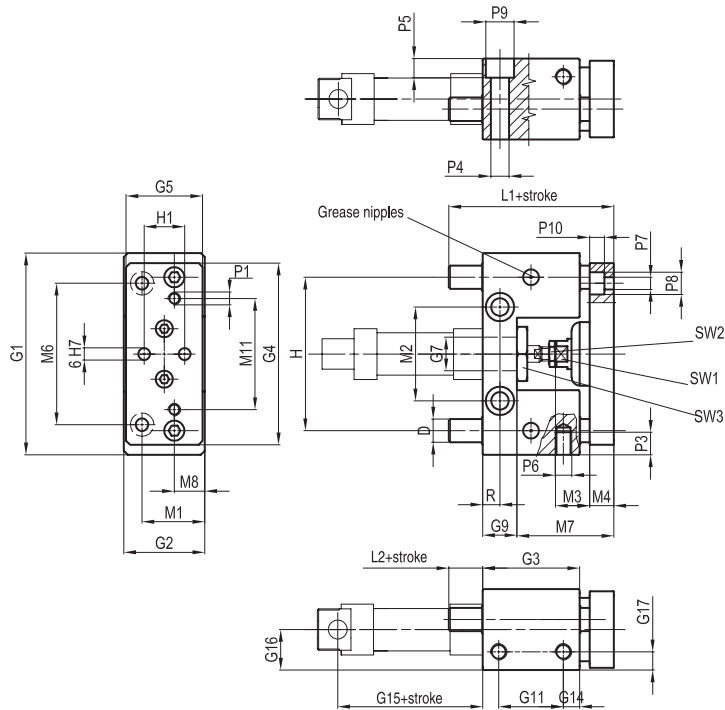
Type: UGLB 12/16



Ø mm	D	G1	G2	G3	G4	G5	G7	G9	G11	G14	G15	H	H1	L1	L2	M1	M2	M3
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

Ø mm	M4	M5	M6	M7	M9	P1	P2	P3	P4	P5	P6	P7	P8	P9	R	SW1	SW2	SW3
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



Ø mm	D	G1	G2	G3	G4	G5	Ø G7	G9	G11	G14	G15	G16	G17	H	H1	R	M1	M2	M3
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

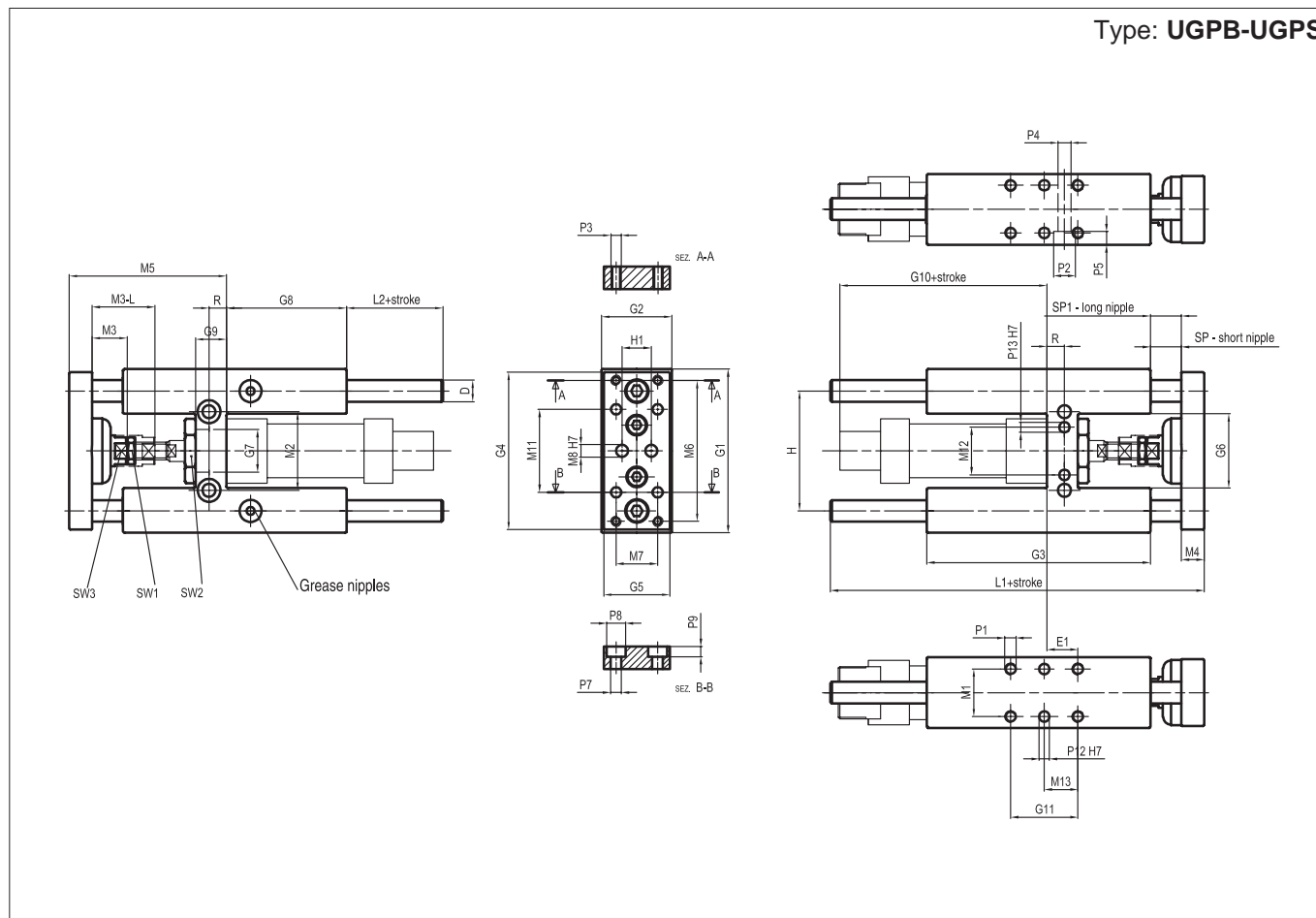
Ø mm	M4	M6	M7	M8	M11	L1	L2	Ø P1	P3	Ø P4	P5	Ø P6	Ø P7	Ø P8	Ø P9	P10	SW1	SW2	SW3
20	12	70	48	15	55	75	12	M6	15	9	9	M8	6,5	11	14	7	13	13	27
25	12	70	54	15	55	83	12	M6	15	9	9	M8	6,5	11	14	7	13	17	27

Slide Units for Cylinders ISO 6432

Bores from 12 to 25 mm



Type: UGPB-UGPS

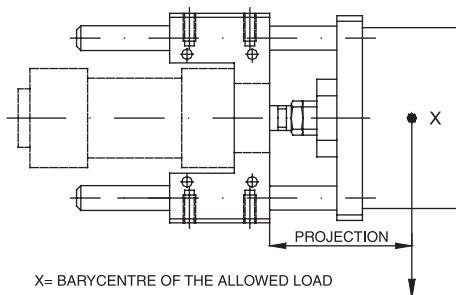


Ø mm	D	E ₁	G ₁	G ₂	G ₃	G ₄	G ₅	G ₆	G ₇	G ₈	G ₉	G ₁₀	G ₁₁	H	H ₁
12	10	11	65	30	75	63	27	27	16	37	13	66	32,5	46	15
16	10	11	65	30	75	63	27	27	16	37	13	71	32,5	46	15
20	12	15	79	34	108	76	32	36	22	58	15	87	32,5	58	20
25	12	15	79	34	108	76	32	36	22	58	15	90	32,5	58	20

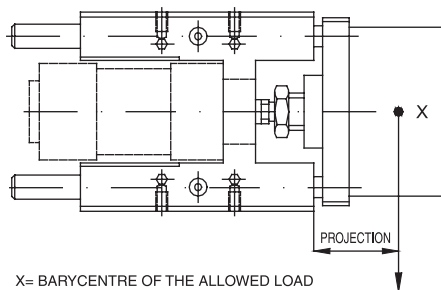
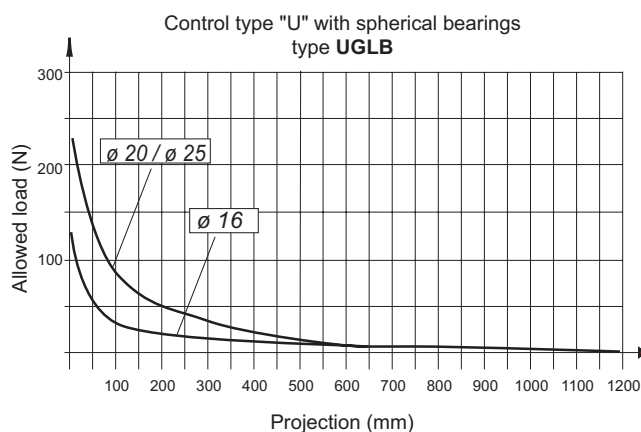
Ø mm	L ₁	L ₂	M ₁	M ₂	M ₃	M ₄	M ₅	M ₆	M ₇	M ₈	M ₁₁	M ₁₂	M ₁₃	M _{3L}	P ₁
12	125	37	22	24	12	10	51	54	15	4	32	/	16,25	/	M4
16	125	37	22	24	12	10	51	54	15	4	32	/	16,25	/	M4
20	160	37	23	38	18	12	65	68	20	6	40	23	16,25	40	M6
25	160	37	23	38	18	12	65	68	20	6	40	23	16,25	40	M6

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)

