

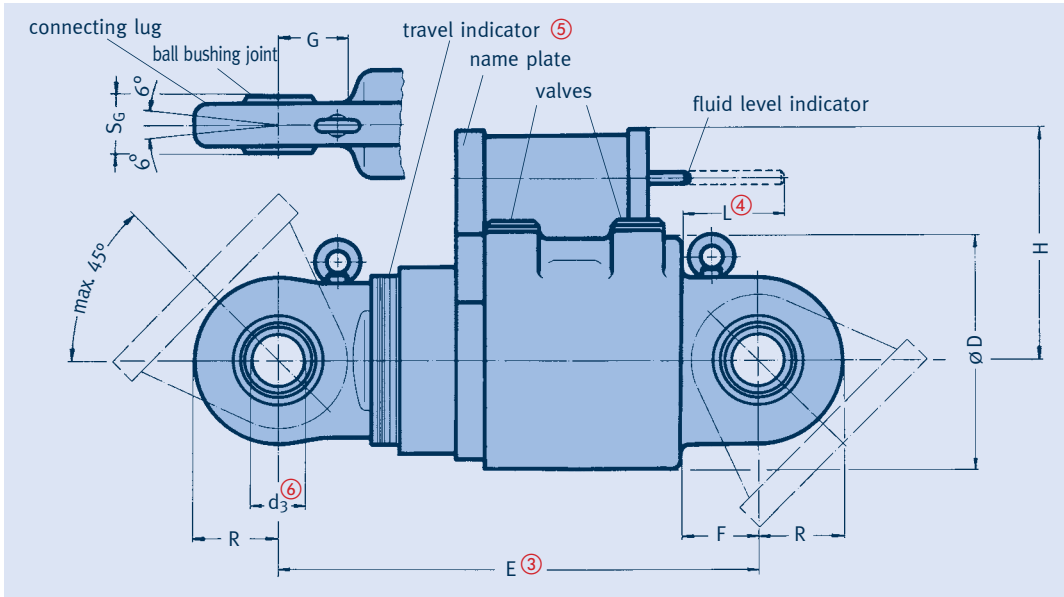
Snubbers Type 31



Snubbers type 31 98 16 to 31 58 16

Snubbers type 31 are specially conceived for the absorption of particularly heavy loads. They are mainly used in nuclear installations to secure steam generators and reactor codant pumps. Due to the normally very restricted installation space they are typically custom-built for the given conditions. The table on this page therefore serves as general orientation for initial planning.

The body and connecting lugs are made of high-tensile stainless steel castings.



type	nom. load [kN] ①	emergency Level C ②	stroke ⑤	ØD	Ød ₃ ⑥	E ^③ min	E ^③ max	F	G	H	L _{max} ④	R	S _G	weight [kg]
31 98 16	550	735	100	240	70	620	720	95	90	310	115	105	49	152
31 99 16	550	735	200	240	70	735	935	95	90	310	145	105	49	181
31 08 16	1000	1335	100	330	100	765	865	120	110	385	145	140	70	285
31 09 16	1000	1335	200	330	100	880	1080	120	110	385	200	140	70	338
31 28 16	2000	2660	100	440	120	870	970	160	155	450	150	160	85	648
31 38 16	3000	4000	100	540	140	1020	1120	190	180	620	100	200	90	968
31 48 16	4000	5320	100	580	160	1050	1150	205	200	585	255	245	105	1300
31 58 16	5000	6650	100	630	180	1140	1240	230	220	670	205	290	105	1750

Order details:
snubber type 31 ...
marking: ...

① See technical specifications, table: 'permissible loads' (p. 0.6) and 'welding of weld-on brackets' (p. 3.22).

② Usual design load for earthquakes and similar load cases. See also technical specifications on p. 0.6.

③ E_{min} = piston rod retracted
E_{max} = piston rod extended

④ L_{max} at 80°C

⑤ Design of travel indicator for travel range 8 (100mm stroke).

⑥ Connection possibilities: see bolt diameters of weld-on brackets type 35 or dynamic clamps in product group 3



LISEGA snubbers type 31 are fitted with exchangeable valves for in-service tests on site.

Snubber type 31 in special configuration