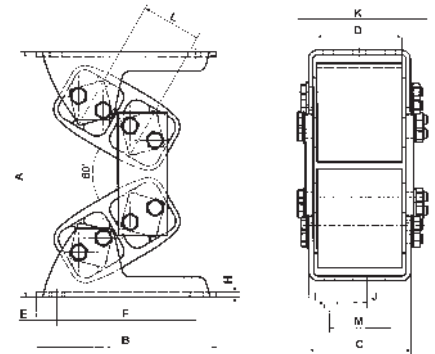




Oscillating Mounting

Type AB-D



Art. No.	Type	G	A un-loaded	A max. load	B	C	D	E	F	H	I	J	K	L	M	Weight in kg
07281000	AB-D 18	500 – 1200	137	117	115	61	50	12.5	90	3	9	9	74	31	30	1.3
07281001	AB-D 27	1000 – 2500	184	157	150	93	80	15	120	4	9	11	116	44	50	2.9
07281002	AB-D 38	2000 – 4000	244	209	185	118	100	17.5	150	5	11	13.5	147	60	70	7.5
07281003	AB-D 45	3000 – 6000	298	252	220	132	110	25	170	6	13.5	18	168	73	80	11.5
07281004	AB-D 50	4000 – 9000	329	278	235	142	120	25	185	6	13.5	18	166	78	90	22.0
07281005	AB-D 50-1.6	8000 – 12000	329	278	235	186	160	25	185	8	13.5	18	214	78	90	25.5
07281006	AB-D 50-2	11000 – 16000	329	278	235	226	200	25	185	8	13.5	18	260	78	90	29.0

G = load capacity in N per mount

Art. No.	Type	max. sw			vertical	c _d at sw	horizontal
		n _{err} = 740 min ⁻¹	n _{err} = 980 min ⁻¹	n _{err} = 1460 min ⁻¹			
07281000	AB-D 18	5	4	3	100	4	20
07281001	AB-D 27	6	5	4	160	4	35
07281002	AB-D 38	8	7	5	185	6	40
07281003	AB-D 45	10	8	6	230	8	70
07281004	AB-D 50	12	10	8	310	8	120
07281005	AB-D 50-1.6	12	10	8	430	8	160
07281006	AB-D 50-2	12	10	8	540	8	198

max. sw = max. amplitude in mm

c_d = dynamic spring value in N/mm, in nominal load range at n_{err} = 980 min⁻¹ (please respect max. amplitude in mm).

Material Structure

The double housings of the sizes 18 to 45 are made out of light alloy profiles, the ones from size 50 in nodular cast; the inner squares in light alloy profiles; fixation brackets in steel.

Owing to the significantly shorter lever arm connections (in the double rubber suspension unit) the AB-D provides a **far higher loading capacity** compared with the type AB oscillating mountings with extremely compact construction. The linear cushioning produced under load, however, is sufficient to ensure the respectably low natural frequency of this oscillating mounting of approx. 3.5 Hz. At the oscillating machine frequency of approx. 16 Hz, the mounting provides an insulation efficiency of approx. 96%.

