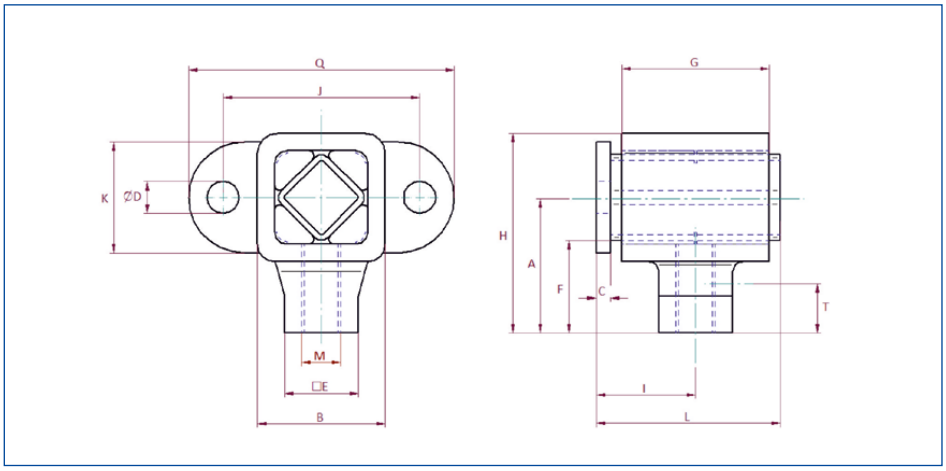
OSCILLATING MOUNT
TYPE OM

The RESATEC oscillating mount type OM are the head pieces of a rocker arm and are suitable for use in a single-mass crank shaft driven conveyor system up to oscillating machine index 1.6 or in resonance mode up to 2.2. The flanges are bolted directly to the trough and to the machine structure. Connecting rods of any length (made by customer) can be inserted into the threads.

By using the swinging elements OM, one side with righthand thread and the other side with left-hand thread, the center distance can be continuously leveled.



type	max. force	Mdd [Nm/°] @ +/– 5° +300 -600	max. nerr	A	B	C	øD	□E	F	G	H	I	J	K	L	M	Q	T	weight	material	
	N	min $^{-1}$	min $^{-1}$																kg	housing	core
OM 4 – 50R	200	1.31	30	40	36	5	9	24	25	50	58	33	60	30	61	M21R	82	16	0.27	EN AC-AL	steel 5235JR SN EN ISO 13920 AE
OM 4 – 50L	200	1.31	50	40	36	5	9	24	25	50	58	33	60	30	61	M12L	82	16	0.27		
OM 5 – 60R	400	3.00	80	55	52	7	11	30	35	60	81	41	80	45	75	M16R	109	24	0.65		
OM 5 – 60L	400	3.00	40	55	52	7	11	30	35	60	81	41	80	45	75	M16L	109	24	0.65		
OM 6 – 80R	800	7.6	60	80	72	6	14	40	52	80	115	53	100	60	97	M20R	130	30	1.5		
OM 6 – 80L	800	7.6	100	80	72	6	14	40	52	80	115	53	100	60	97	M20L	130	30	1.5		
OM 6 – 80R 30 °R	800	7.6	60	80	72	6	14	40	52	80	115	53	130	60	97	M20R	160	30	1.5		
OM 6 – 80R 30 °L	800	7.6	80	80	72	6	14	40	52	80	115	53	130	60	97	M20L	160	30	1.5		
OM 7 – 100R	1600	12.4	120	90	90	9	17	50	55	100	135	63	130	70	118	M24R	170	36	2.6		
OM 7 – 100L	1600	12.4	80	90	90	9	17	50	55	100	135	63	130	70	118	M24L	170	36	2.6		
OM 8 – 120R	2600	26.9	100	100	92	10	17	60	65	120	148	75	140	80	140	M36R	180	55	6.1	EN GJS-400 ISO8062-3-DCTG11	
OM 8 – 120L	2600	26.9	150	100	92	10	17	60	65	120	148	75	140	80	140	M36L	180	55	6.1		