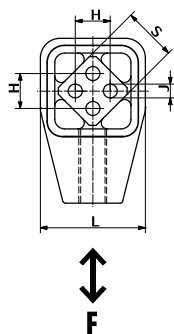
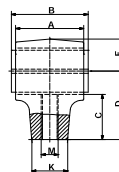


Oscillating Mountings

ST



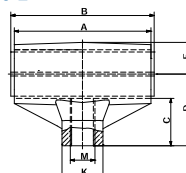
sizes 18 to 50



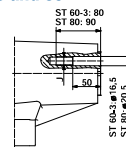
size 60



size 50-2



sizes 60-3 and 80



3

Part no.	Type	F max. [N]	n _s [min ⁻¹] max. α _{ST} ± 5°	A	B	C	D	E	H	J	□K	L	M	□S	Weight [kg]
07 031 001	ST 18	400	600	50	55 ^{+0.3} _{-0.3}	31.5	45	20	12 ±0.3	6 ^{+0.5} ₀	22	39	M12	18	0.2
07 041 001	ST 18L	400	600	50	55 ^{+0.3} _{-0.3}	31.5	45	20	12 ±0.3	6 ^{+0.5} ₀	22	39	M12-LH	18	0.2
07 031 002	ST 27	1000	560	60	65 ^{+0.3} _{-0.3}	40.5	60	27	20 ±0.4	8 ^{+0.5} ₀	28	54	M16	27	0.4
07 041 002	ST 27L	1000	560	60	65 ^{+0.3} _{-0.3}	40.5	60	27	20 ±0.4	8 ^{+0.5} ₀	28	54	M16-LH	27	0.4
07 031 003	ST 38	2000	530	80	90 ^{+0.3} _{-0.3}	53	80	37	25 ±0.4	10 ^{+0.5} ₀	42	74	M20	38	1.1
07 041 003	ST 38L	2000	530	80	90 ^{+0.3} _{-0.3}	53	80	37	25 ±0.4	10 ^{+0.5} ₀	42	74	M20-LH	38	1.1
07 031 004	ST 45	3500	500	100	110 ^{+0.3} _{-0.3}	67	100	44	35 ±0.5	12 ^{+0.5} ₀	48	89	M24	45	1.8
07 041 004	ST 45L	3500	500	100	110 ^{+0.3} _{-0.3}	67	100	44	35 ±0.5	12 ^{+0.5} ₀	48	89	M24-LH	45	1.8
07 031 005	ST 50	6000	470	120	130 ^{+0.3} _{-0.3}	69.5	105	47	40 ±0.5	M12 × 40	60	93	M36	50	5.0
07 041 005	ST 50L	6000	470	120	130 ^{+0.3} _{-0.3}	69.5	105	47	40 ±0.5	M12 × 40	60	93	M36-LH	50	5.0
07 031 015	ST 50-2	10000	470	200	210 ^{+0.3} _{-0.3}	69.5	105	47	40 ±0.5	M12 × 40	60	93	M36	50	7.0
07 041 015	ST 50-2L	10000	470	200	210 ^{+0.3} _{-0.3}	69.5	105	47	40 ±0.5	M12 × 40	60	93	M36-LH	50	7.1
07 031 026	ST 60	13000	440	200	210 ±0.2	85	130	59	45	M16	80	117	M42	60	15.6
07 041 026	ST 60L	13000	440	200	210 ±0.2	85	130	59	45	M16	80	117	M42-LH	60	14.9
07 031 016	ST 60-3	20000	440	300	310 ±0.2	85	130	59	45	M16	75	117	M42	60	20.0
07 041 016	ST 60-3L	20000	440	300	310 ±0.2	85	130	59	45	M16	75	117	M42-LH	60	20.0
07 031 027	ST 80	27000	380	300	310 ±0.2	100	160	77	60	M20	90	150	M52	80	34.0
07 041 027	ST 80L	27000	380	300	310 ±0.2	100	160	77	60	M20	90	150	M52-LH	80	34.0

If no other units are specified, the numbers given are in mm.

F_{max}: Calculation of the acceleration force page 7.22.

n_s = max. revolutions by oscillation angle ± 5°; if osc. angle is below, higher rpm's are applicable, see «permissible frequencies» in chapter 7 Technology.

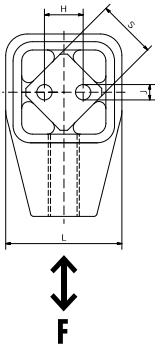
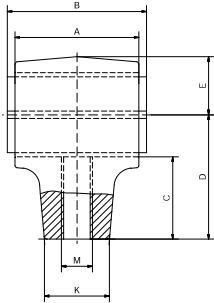
Sizes 18 to 45: Inner square Aluminium profile. Housing Aluminium cast. Housing painted blue.

Sizes 50 to 50-2: Inner square Aluminium profile. Housing nodular cast iron. Housing painted blue.

Sizes 60 to 80: Inner square steel. Housing nodular cast iron. Painted blue.

Oscillating Mountings

STI

Part no.	Type	F max. [N]	n _s [min ⁻¹] max. α _{ST} ± 5°	A	B	C	D	E	H	J	□K	L	M	□S	Weight [kg]	Material structure
07 151 111	STI 18	400	600	50	55 ⁰ _{-0.3}	31,5	45	20	12 ±0.3	6	22	39	M12	18	0.5	Stainless steel casting and inner square solid material stainless
07 161 111	STI 18L	400	600	50	55 ⁰ _{-0.3}	31,5	45	20	12 ±0.3	6	22	39	M12-L	18	0.5	
07 151 112	STI 27	1 000	560	60	65 ⁰ _{-0.3}	40,5	60	27	20 ±0.4	8	28	54	M16	27	1.1	
07 161 112	STI 27L	1 000	560	60	65 ⁰ _{-0.3}	40,5	60	27	20 ±0.4	8	28	54	M16-L	27	1.1	

If no other units are specified, the numbers given are in mm.

F_{max.}: Calculation of the acceleration force page 7.22.

n_s = max. revolutions by oscillation angle ± 5°; if osc. angle is below, higher rpm's are applicable, see «permissible frequencies» in chapter 7 Technology.