

CLASSIFICATION OF THE LIFTING DEVICES

Class of loading	Loading factor, K	Performance	Class of use				
			$T_M, h\ 1)$				
LIGHT	< 0.125	Operation with loads less than the nominal ones					
			2-4	4-8	8-16	>16	
MEDIUM	0.125 - 0.25	Operation with medium and nominal loads					
			6 300	12 500	25 000	50 000	
HEAVY	0.25 - 0.5	Operation with nominal or close to nominal loads					
			1 600	3 200	6 300	12 500	
VERY HEAVY	0.5 - 1	Repeated operation with nominal or close to nominal loads					
			800	1 600	3 200	6 300	
duration of switching, %			30	40	50	60	
frequency of switching, h ⁻¹			180	240	300	360	
Operational rate group			FEM 9.511 / DIN15020	1Am	2m	3m	4m
			ISO 4301	M4	M5	M6	M7
			ГОСТ 25835	2M	3M	4M	5M
REEVING			DIMENSIONS	TYPE			
1/1	2/1	4/1					
2/2	4/2						
LIFTING CAPACITY, kg							
160	320	-	MT200	-	-	-	MT200*
200	400	-		-	-	MT201	-
250	500	-		-	MT202	-	-
320	630	1250	MT300	-	-	-	MT303*
400	800	1600		-	-	MT304	-
500	1000	2000		-	MT305	-	-
630	1250	2500	MT400	-	-	-	MT406*
800	1600	3200		-	-	MT408	-
1000	2000	4000		-	MT410	-	MT510*
1250	2500	5000	MT500	-	-	MT512	-
1600	3200	6300		-	MT516	-	MT616*
2000	4000	8000	MT600	-	-	MT620	-
2500	5000	10000		-	MT625	-	MT725
3200	6300	12500	MT700	-	-	MT732	-
4000	8000	16000		-	MT740	MT740*	-
5000	10000	20000		-	MT750	MT750*	-
6300	12500	25000		-	MT763	MT763*	-
8000	16000	32000		MT780	-	-	-

* special execution by customer order

1) T_M – average machine time per day

2) T_{MO} – total time for the complete operational period