










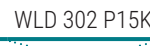










Table for selection of standard application

Suspension 2 : 1

Travel height [m]		20							
Duty cycle		S3-40%							
Rope compensation		no							
Rated speed [m/s]		0,63		1,0		1,6		2,0	
TS Ø									
Q= 375 kg P= 580 kg	160	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P4K0	OR		NA	
	210	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P5K5	NA	
	240	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	OR	
Q= 450 kg P= 700 kg	160	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P5K5	OR		NA	
	210	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	WSG-SF.2	WLD 302 P7K5	NA	
	240	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	WSG-SF.2	WLD 302 P7K5	OR	
Q= 630 kg P= 910 kg	160	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	OR		NA	
	210	WSG-SF.3	WLD 302 P5K5	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K	NA	
	240	WSG-SF.3	WLD 302 P5K5	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K	OR	
Q= 800 kg P= 990 kg	160	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K	OR		NA	
	210	WSG-SF.4	WLD 302 P5K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K	NA	
	240	WSG-SF.4	WLD 302 P7K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K	OR	
	320	WSG-MF.1	WLD 302 P5K5	WSG-MF.1	WLD 302 P5K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K
Q= 1000 kg P= 1150 kg	160	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P7K5	OR		NA	
	210	WSG-SF.4	WLD 302 P5K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K	NA	
	240	WSG-SF.4	WLD 302 P7K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K	OR	
	270	WSG-MF.1	WLD 302 P7K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K	OR	
	320	WSG-MF.1	WLD 302 P5K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K	WSG-MF.1	WLD 302 P15K
	400	WSG-MF.2	WLD 302 P5K5	WSG-MF.2	WLD 302 P11K	WSG-MF.2	WLD 302 P15K	WSG-MF.2	WLD 302 P15K
Q= 1275 kg P= 1440 kg	160	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K	OR		NA	
	240	WSG-MF.1	WLD 302 P7K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K	OR	
	320	WSG-MF.2	WLD 302 P11K	WSG-MF.2	WLD 302 P11K	WSG-MF.2	WLD 302 P15K	WSG-MF.2	WLD 302 P15K
	400	WSG-MF.2	WLD 302 P11K	WSG-MF.2	WLD 302 P15K	WSG-MF.3	WLD 302 P15K	WSG-MF.3	WLD 302 P18K
Q= 1600 kg P= 1590 kg	320	WSG-MF.2	WLD 302 P15K	WSG-MF.2	WLD 302 P15K	WSG-MF.2	WLD 302 P18K	WSG-MF.3	WLD 302 P18K
	400	WSG-MF.3	WLD 302 P11K	WSG-MF.3	WLD 302 P15K	WSG-MF.3	WLD 302 P18K	WSG-MF.3	WLD 302 P22K
	480	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P22k	WSG-LF.2	WLD 302 P37k
	520	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P18k	WSG-LF.2	WLD 302 P30k
Q= 2000 kg P= 1675 kg	320	WSG-MF.3	WLD 302 P15K	WSG-MF.3	WLD 302 P15K	WSG-MF.3	WLD 302 P22K	OR	
	400	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P22k	WSG-LF.2	WLD 302 P37k
	480	WSG-LF.3	WLD 302 P15k	WSG-LF.3	WLD 302 P22k	WSG-LF.3	WLD 302 P37k	WSG-LF.3	WLD 302 P45k
	520	WSG-LF.3	WLD 302 P15k	WSG-LF.3	WLD 302 P18k	WSG-LF.3	WLD 302 P30k	WSG-LF.3	WLD 302 P37k
Q= 2500 kg P= 1800 kg	320	WSG-LF.2	WLD 302 P15k	WSG-LF.2	WLD 302 P18k	WSG-LF.2	WLD 302 P37k	OR	
	400	WSG-LF.3	WLD 302 P15k	WSG-LF.3	WLD 302 P22k	WSG-LF.3	WLD 302 P37k	WSG-LF.3	WLD 302 P45k
	480	WSG-LF.3	WLD 302 P18k	WSG-LF.3	WLD 302 P30k	WSG-LF.3	WLD 302 P45k	WSG-LF.3	WLD 302 P55k

Q = rated load P = car weight TS = traction sheave diameter OR = on request NA = not available

Shaft efficiency: 0.84 for $v \leq 2$ m/s (slider guide shoes). Acceleration: 0.5 m/s² for $v \leq 1$ m/s, 0.7 m/s² for $v > 1$ m/s.

Motor installed above; 240 S/h; balancing 50 %; single wrap (wrap angle 180°); central guidance.

For rope information (number and dimension) consult us.

This table is to be used only for the first estimation; for right calculation consult us.

Dedicated motors for specific applications are available on request.

Table for selection of standard application

Suspension 2 : 1

Travel height [m]		20					
Duty cycle		S3-30%					
Rope compensation		no					
Rated speed [m/s]		0,63		1,0		1,6	
TS Ø							
Q= 375 kg P= 580 kg	160	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P4K0	OR	
	210	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P5K5
	240	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5
Q= 450 kg P= 700 kg	160	WSG-SF.1	WLD 302 P4K0	WSG-SF.1	WLD 302 P4K0	OR	
	210	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5
	240	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	WSG-SF.2	WLD 302 P5K5
Q= 630 kg P= 910 kg	160	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	OR	
	210	WSG-SF.2	WLD 302 P4K0	WSG-SF.2	WLD 302 P5K5	WSG-SF.3	WLD 302 P11K
	240	WSG-SF.3	WLD 302 P5K5	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K
Q= 800 kg P= 990 kg	160	WSG-SF.2	WLD 302 P5K5	WSG-SF.2	WLD 302 P7K5	OR	
	210	WSG-SF.3	WLD 302 P5K5	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K
	240	WSG-SF.4	WLD 302 P7K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P11K
	320	WSG-SF.4	WLD 302 P5K5	WSG-SF.4	WLD 302 P7K5	WSG-SF.4	WLD 302 P15K
Q= 1000 kg P= 1150 kg	160	WSG-SF.3	WLD 302 P7K5	WSG-SF.3	WLD 302 P11K	OR	
	210	WSG-SF.4	WLD 302 P5K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P15K
	240	WSG-SF.4	WLD 302 P7K5	WSG-SF.4	WLD 302 P11K	WSG-SF.4	WLD 302 P15K
	270	WSG-MF.1	WLD 302 P7K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K
	320	WSG-MF.1	WLD 302 P5K5	WSG-MF.1	WLD 302 P11K	WSG-MF.1	WLD 302 P15K
	400	WSG-MF.2	WLD 302 P5K5	WSG-MF.2	WLD 302 P11K	WSG-MF.2	WLD 302 P15K

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