





KS2



KS2 TWIN

### KS2 CHAIN DRIVES

- Model 24V DC, S2/S12 and 230V AC, S2/S12
- Pulling/Pushing force max. 250 N (TWIN 500 N)
- Stroke length 50 – 800 mm – (with S2)  
50 – 1000 mm – programmable (with S12)
- Speed 5 – 14 mm/s – programmable (with S12)
- Housing (WxH) 42 x 26 mm, Length depending on stroke
- Opening mechanism Rigid back stainless steel sidebow roller chain
- Version R (right), L (left), TWIN, Z, Set 230V/24V
- Protection rating IP 32



KS4

### KS4 CHAIN DRIVES

- Model 24V DC, S12
- Pulling/Pushing force max. 400 N
- Stroke length 50 – 1000 mm – programmable
- Speed 5 – 14 mm/s – programmable
- Housing (WxH) 35 x 24 mm, Length depending on stroke
- Opening mechanism Rigid back stainless steel roller chain without protruding rivet heads
- Version R (right), L (left)
- Protection rating IP 32



KSA



KSA TWIN



KSA D

### KSA CHAIN DRIVES

- Model 24V DC, S12 and 230V AC, S12
- Pulling/Pushing force max. 600 N (TWIN 1200 N)
- Stroke length 250 – 1500 mm – programmable (KSA)  
400 – 600 mm – programmable (KSA TWIN)  
400 – 800 mm – programmable (KSA D)
- Speed 5 – 14 mm/s – programmable
- Housing (WxH) 56 x 40 mm (D: 104 x 50 mm),  
Length depending on stroke
- Opening mechanism Rigid back stainless steel roller chain
- Version Solo, TWIN, D, Z
- Protection rating IP 32



KS15

### KS15 CHAIN DRIVES

- Model 24V DC, S12 and 230V AC, S12
- Pulling/Pushing force max. 1500 N
- Stroke length 250 – 1000 mm – programmable
- Speed 6 – 17 mm/s – programmable
- Housing (WxH) 120 x 60 mm, Length depending on stroke
- Opening mechanism High-quality, robust, nickel-plated steel chain
- Version Solo
- Protection rating IP 20

CHAIN DRIVES																		
Type	Form	Model	Stroke	Force		Speed		Stroke in	Cut-off current	Use			Location	Functions				
				Pushing force	Pulling force	OPEN	CLOSE			60 s	Max.	Natural ventilation		RWA	NRWG	Facade	Roof	Run monitoring
		Type of cut-off	Rated voltage	Range	[N]	[N]	[mm/s]	[mm/s]	[mm]	[A]								
			[V]	[mm]														
KS2	Solo	S2	24	50 – 800	200 – 50	200	10,0	10,0	600	0,7	●	■	●					
			230	50 – 800	200 – 50	200	10,0	10,0	600	0,7	●	■	●					
		S12	24	50 – 1000	250 – 50	250	8,0 – 13,5	8,0	800	1,0	●	●	●	●	■	■	●	●
			230	50 – 1000	250 – 50	250	8,0	8,0	450	0,2	●		●	■	■	●	■	
	TWIN	S12	24	50 – 1000	500 – 100	500	8,0 – 13,5	8,0	600	1,4	●	●	●	■	■	●	●	
	KS4	Solo	S12	24	50 – 1000	400 – 50	400	8,0 – 13,5	8,0	800	1,2	●	●	●	●	■	●	●
KSA	Solo	S12	24	250 – 1500	600 – 50	600	8,0 – 13,5	8,0	800	1,2	●	●	●	●	■	●	●	
			230	250 – 1500	600 – 50	600	8,0	8,0	800	0,2	●		●	●	●	●		
	TWIN	S12	24	400 – 600	1200 – 600	1200	8,0 – 12,0	8,0	600	2,4	●	●	●	■	■	●	●	
	D	S12	24	400 – 800	1200 – 400	1200	8,0 – 13,5	8,0	800	2,4	●	●	●	●	■	●	●	
KS15	Solo	S12	24	250 – 1000	1500	1500	6,0 – 17,0	6,0	800	5,0	●	●	●	●	■	●	●	
		S12	230	250 – 1000	1500	1500	6,0 – 17,0	6,0	800	5,0	●	●	●	●	■	●	●	

LEGEND

- suitable
- not recommended
- S2 internal load dependend cut-off switch
- S12 internal Intelligent Control Electronics for synchronised run and programmable functions
- 8,0 – 13,5 force and speed depend on the stroke