

OVERVIEW OF LOCKING DRIVES FV																	
Type	Form	Rated voltage	Locking stroke	Force		Runtime	Cut-off current	Opening drives		Use			Location		Functions		
				Pulling/Pushing force	Initial force			Type	Breaking current	Natural ventilation	SHEV	NSHEV	Facade	Roof	Run monitoring	Synchronised run	Sequence control
		[V]	[mm]	[N]	[N]	[s]	[A]		[A]								
FV	FV1	24		600	1000	5,0	0,3	○	○	●	●	●	●	■		●	
	FV3							S1	0,8	●	●	●	●	■		●	
	FV4							S2/S3/S12	3,0	●	●	●	●	■		●	●
FVR	FVR3	24	16 – 22	600	1000	5,0	0,3	S1	0,8	●	●	●	●	■		●	
	FVR4							S2/S3/S12	3,0	●	●	●	●	■		●	●
FVB	FVB3	24	16 – 22	600	1000	5,0	0,3	S1	0,8	●	●	●	●	■		●	
	FVB4							S2/S3/S12	3,0	●	●	●	●	■		●	●
FVM	FVM2	24	17 – 36	600	1000	9,0 / 19,0	0,3	S12		●	●	●	●	■		●	●
OFV	OFV	24	0° – 180°	10 Nm	22 Nm	4,5 / 9,0	0,3	S1/S2/S3/S12	0,9 3,0	●	●	●	●	■		●	

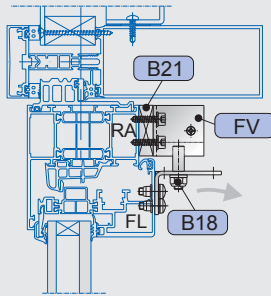
### LEGEND

● suitable      ■ not recommended

- S1 without internal cut-off switch for operation with RWA1000-, RWA1100-, RWA1050-systems
- S2 internal load dependend cut-off switch
- S3 internal load dependend cut-off switch, post cycle resistant, programmable for motion monitored run (up to 300 mm stroke) and sequence control
- S4 without internal cut-off switch, with pulse generator for operation with external load cut-off-switch or synchronisation controller
- S12 internal intelligent cut-off switch for synchronised run and programmable functions
- only with external control module USKM

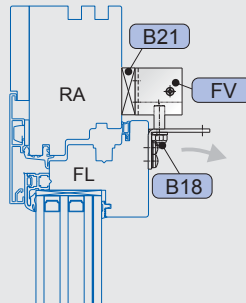
TYPICAL APPLICATIONS

1 RM, inward opening window



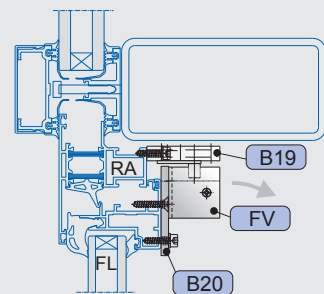
View on aluminium window

2 RM, inward opening window



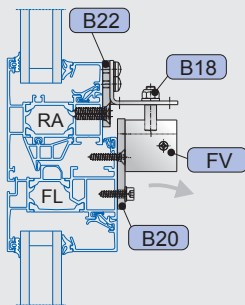
View on wooden window

3 RM, inward opening window



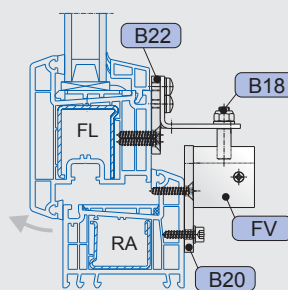
View on aluminium window

4 FM, inward opening window



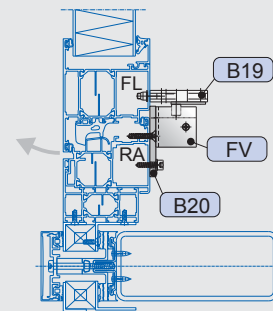
View on aluminium window

5 RM, outward opening window



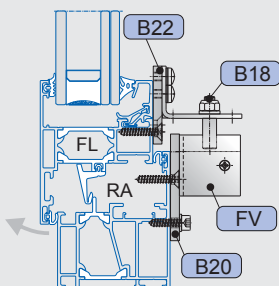
View on PVC-window

6 RM, outward opening window



View on aluminium window

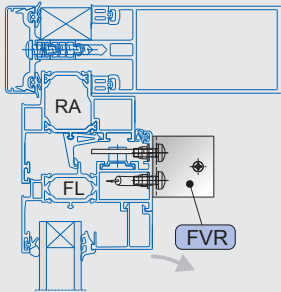
7 RM, outward opening window



View on aluminium window

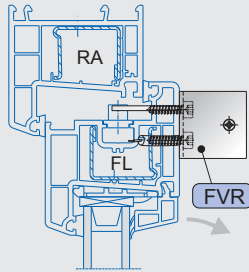
TYPICAL APPLICATIONS

1 FM, inward opening window



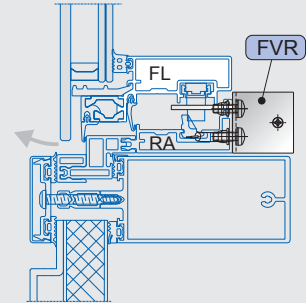
View on aluminium window

2 FM, inward opening window



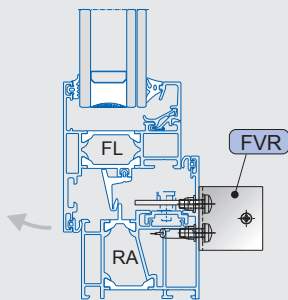
View on PVC-window

3 RM, friction hinged window



View on aluminium window

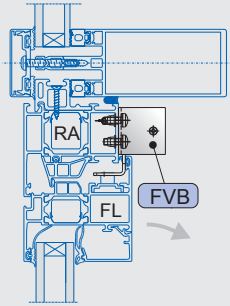
4 RM, outward opening window



View on aluminium window

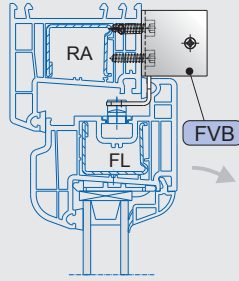
TYPICAL APPLICATIONS

1 RM, inward opening window



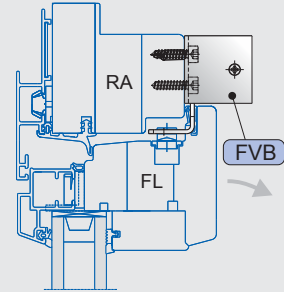
View on aluminium window

2 RM, inward opening window



View on PVC-window

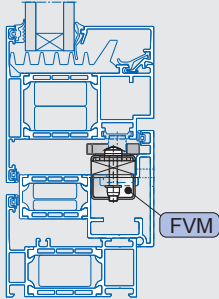
3 RM, inward opening window



View on wooden window

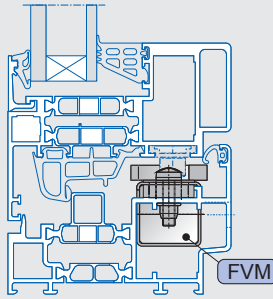
TYPICAL APPLICATIONS

- 1 Concealed mounting, outward opening



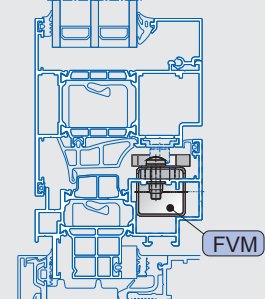
View on aluminium window

- 2 Concealed mounting, outward opening



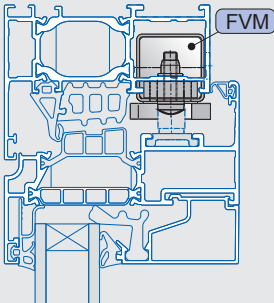
View on aluminium window

- 3 Concealed mounting, outward opening



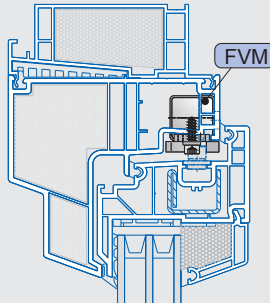
View on aluminium window

- 4 Concealed mounting, inward opening



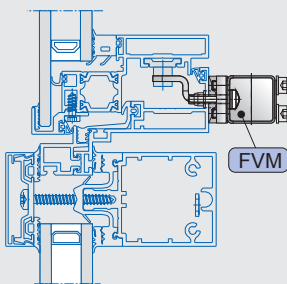
View on aluminium window

- 5 Concealed mounting, inward opening



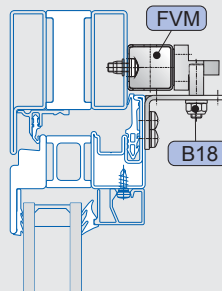
View on PVC window

- 6 RM, friction hinged, outward opening



View on aluminium window

- 7 RM, side-/bottom-/top-hung, inward opening



View on steel window