

Design list for variable airflow regulator RPM-V, RPMC-V - expanded

Version 2024-10-04

Sensor range

Design

				Analog		Sensor range	Design
				LMV-D3-MF.1 MDK (5 N.m, NMV-D3-MF.1 MDK 10 N.m)	0...500 Pa	B00	
Air flow	BELIMO compact solution (sensor, controller and actuator in one box)	Without the spring	Dynamic	Analog / MPBus	LMV-D3-MP (5 N.m, NMV-D3-MP 10 N.m, SMV-D3-MP 20 N.m)	0...500 Pa	B01
				Modbus RTU / BACnet / MPBus	LMV-D3-MOD (5 N.m, NMV-D3-MOD 10 N.m, SMV-D3-MOD 20 N.m)	0...500 Pa	B02
				LONMark	LMV-D3-LON (5 N.m, NMV-D3-LON 10 N.m)	0...500 Pa	B03
				KNX	LMV-D3-KNX (5 N.m, NMV-D3-KNX 10 N.m)	0...500 Pa	B04
				ANALOG	LMV-D3-ANALOG (5 N.m, NMV-D3-ANALOG 10 N.m)	0...500 Pa	B05
	BELIMO sensor and controller in one box and the actuator is separately	Without the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B22
				Modbus RTU / BACnet	Controller VRU-D3-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B23
				ANALOG	Controller VRU-D3-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B29
			Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B30
				ANALOG	Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B30Q
		Modbus RTU / BACnet		Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B30QF	
		Speed actuator	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B22Q
				Modbus RTU / BACnet	Controller VRU-D3-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B23Q
				ANALOG	Controller VRU-D3-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B29Q
			Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B30Q
				ANALOG	Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B30QF
		Speed actuator / With the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (VAV) + NKQ24A-VST (10 N.m)	0...500 Pa	B22QF
				Modbus RTU / BACnet	Controller VRU-D3-BAC (VAV) + NKQ24A-VST (10 N.m)	0...500 Pa	B23QF
				ANALOG	Controller VRU-D3-BAC (VAV) + NKQ24A-VST (10 N.m)	0...600 Pa	B29QF
			Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (VAV) + NKQ24A-VST (10 N.m)	0...600 Pa	B30QF
	ANALOG			Controller VRU-M1-BAC (VAV) + NKQ24A-VST (10 N.m)	0...600 Pa	B30QF	
	With the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...500 Pa	B22F	
			Modbus RTU / BACnet	Controller VRU-D3-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...500 Pa	B23F	
			ANALOG	Controller VRU-D3-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B29F	
		Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B30F	
ANALOG			Controller VRU-M1-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B30FF		
GRUNER compact solution (sensor, controller and actuator in one box)	Without the spring	Dynamic	Analog / PP-Bus	327VM-024-05 (5 N.m, 327VM-024-10 10 N.m, 327VM-024-15 15 N.m.)	0...500 Pa	G00	
			Modbus RTU	327VM-024-05-MB (5 N.m, 327VM-024-10-MB 10 N.m, 327VM-024-15-MB 15 N.m.)	0...500 Pa	G02	
			ANALOG	327VM-024-05-DS4 (5 N.m, 327VM-024-10-DS4 10 N.m, 327VM-024-15-DS4 15 N.m.)	0...400 Pa	G06	
			ANALOG	327VM-024-05-DS6 (5 N.m, 327VM-024-10-DS6 10 N.m, 327VM-024-15-DS6 15 N.m.)	0...600 Pa	G07	
			ANALOG	327VM-024-05-DS10 (5 N.m, 327VM-024-10-DS10 10 N.m, 327VM-024-15-DS10 15 N.m.)	0...1000 Pa	G08	
	Static	Modbus RTU	327VM-024-05-DS4-MB (5 N.m, 327VM-024-10-DS4-MB 10 N.m, 327VM-024-15-DS4-MB 15 N.m.)	0...400 Pa	G12		
			327VM-024-05-DS6-MB (5 N.m, 327VM-024-10-DS6-MB 10 N.m, 327VM-024-15-DS6-MB 15 N.m.)	0...600 Pa	G13		
			327VM-024-05-DS10-MB (5 N.m, 327VM-024-10-DS10-MB 10 N.m, 327VM-024-15-DS10-MB 15 N.m.)	0...1000 Pa	G14		
		ANALOG	327VM-024-05-DS4-MB (5 N.m, 327VM-024-10-DS4-MB 10 N.m, 327VM-024-15-DS4-MB 15 N.m.)	0...400 Pa	G12		
			327VM-024-05-DS6-MB (5 N.m, 327VM-024-10-DS6-MB 10 N.m, 327VM-024-15-DS6-MB 15 N.m.)	0...600 Pa	G13		
	GRUNER sensor and controller in one box and the actuator is separately	Without the spring	Dynamic	Analog / PP-Bus	Controller GUAC-DM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G21
				Modbus RTU	Controller GUAC-DM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G23
				ANALOG	Controller GUAC-DM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G28
			Static	Modbus RTU	Controller GUAC-DM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G30
				ANALOG	Controller GUAC-DM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G30F
With the spring		Dynamic	Analog / PP-Bus	Controller GUAC-DM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G21F	
			Modbus RTU	Controller GUAC-DM3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G23F	
			ANALOG	Controller GUAC-DM3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G28F	
		Static	Modbus RTU	Controller GUAC-DM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G30F	
			ANALOG	Controller GUAC-DM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G30FF	
SIEMENS compact solution (sensor, controller and actuator in one box)	Without the spring	Dynamic	Analog / PP-Bus	GDB181.1E/3 (5 N.m, (GLB181.1E/3 10 N.m)	0...500 Pa	S00	
			Modbus RTU	GDB181.1E/MO (5 N.m, (GLB181.1E/MO 10 N.m)	0...500 Pa	S02	
			KNX	GDB181.1E/KN (5 N.m, (GLB181.1E/KN 10 N.m)	0...500 Pa	S04	
			BACnet	GDB181.1E/BA (5 N.m, (GLB181.1E/BA 10 N.m)	0...500 Pa	S05	
			ANALOG	GDB181.1E/BA (5 N.m, (GLB181.1E/BA 10 N.m)	0...500 Pa	S05	
SIEMENS sensor and controller in one box and the actuator is separately	Without the spring	Dynamic	Without communication	Controller ASV181.1E/3 + GDB131.1E (5 N.m, GEB131.1E 15 N.m, GEB141.1E 20 N.m, GBB131.1E 25 N.m, GIB131.1E 35 N.m)	0...500 Pa	S22	
	Speed actuator / With the spring			Controller ASV181.1E/3 + GPC131.1A (60s/15s) 4 N.m	0...500 Pa	S22QF	
	With the spring			Controller ASV181.1E/3 + GPC131.1A (4 N.m, GMA131.1E 7 N.m, GCA131.1E 18 N.m)	0...500 Pa	S22F	
BELIMO sensor, controller and actuator all in separate boxes	Without the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B63	
			Modbus RTU / BACnet	Controller VRU-D3-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B64	
			ANALOG	Controller VRU-D3-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B75	
		Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B78	
			ANALOG	Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B63Q	
	Modbus RTU / BACnet		Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...500 Pa	B64Q		
	Speed actuator	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B64Q	
			Modbus RTU / BACnet	Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B64Q	
			ANALOG	Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B75Q	
		Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B78Q	
			ANALOG	Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B78QF	
	Speed actuator / With the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (STP) + NKQ24A-VST (10 N.m)	0...500 Pa	B63QF	
			Modbus RTU / BACnet	Controller VRU-D3-BAC (STP) + NKQ24A-VST (10 N.m)	0...500 Pa	B64QF	
			ANALOG	Controller VRU-D3-BAC (STP) + NKQ24A-VST (10 N.m)	0...600 Pa	B75QF	
		Static	Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m)	0...600 Pa	B78QF	
ANALOG			Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m)	0...600 Pa	B78QF		
GRUNER compact solution (sensor, controller and actuator in one box)	Without the spring	Dynamic	Analog / PP-Bus	327VM-024-05 (CCPC) (5 N.m, 327VM-024-10 (CCPC) 10 N.m, 327VM-024-15 (CCPC) 15 N.m.)	0...500 Pa	G50	
			Modbus RTU	327VM-024-05-MB (CCPC) (5 N.m, 327VM-024-10-MB (CCPC) 10 N.m, 327VM-024-15-MB (CCPC) 15 N.m.)	0...500 Pa	G52	
			ANALOG	327VM-024-05-DS4 (CCPC) (5 N.m, 327VM-024-10-DS4 (CCPC) 10 N.m, 327VM-024-15-DS4 (CCPC) 15 N.m.)	0...400 Pa	G53	
			ANALOG	327VM-024-05-DS6 (CCPC) (5 N.m, 327VM-024-10-DS6 (CCPC) 10 N.m, 327VM-024-15-DS6 (CCPC) 15 N.m.)	0...600 Pa	G54	
			ANALOG	327VM-024-05-DS10 (CCPC) (5 N.m, 327VM-024-10-DS10 (CCPC) 10 N.m, 327VM-024-15-DS10 (CCPC) 15 N.m.)	0...1000 Pa	G55	
	Static	Modbus RTU	327VM-024-05-DS4-MB (CCPC) (5 N.m, 327VM-024-10-DS4-MB (CCPC) 10 N.m, 327VM-024-15-DS4-MB (CCPC) 15 N.m.)	0...400 Pa	G59		
			327VM-024-05-DS6-MB (CCPC) (5 N.m, 327VM-024-10-DS6-MB (CCPC) 10 N.m, 327VM-024-15-DS6-MB (CCPC) 15 N.m.)	0...600 Pa	G60		
			327VM-024-05-DS10-MB (CCPC) (5 N.m, 327VM-024-10-DS10-MB (CCPC) 10 N.m, 327VM-024-15-DS10-MB (CCPC) 15 N.m.)	0...1000 Pa	G61		
		ANALOG	327VM-024-05-DS4-MB (CCPC) (5 N.m, 327VM-024-10-DS4-MB (CCPC) 10 N.m, 327VM-024-15-DS4-MB (CCPC) 15 N.m.)	0...400 Pa	G59		
			327VM-024-05-DS6-MB (CCPC) (5 N.m, 327VM-024-10-DS6-MB (CCPC) 10 N.m, 327VM-024-15-DS6-MB (CCPC) 15 N.m.)	0...600 Pa	G60		
	GRUNER sensor, controller and actuator all in separate boxes	Without the spring	Dynamic	Analog / PP-Bus	Controller GUAC-PM-DD3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G62
				Modbus RTU	Controller GUAC-PM-DD3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G64
				ANALOG	Controller GUAC-PM1 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...100 Pa	G70
			Static	Analog / PP-Bus	Controller GUAC-PM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G71
				Modbus RTU	Controller GUAC-PM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...600 Pa	G72
With the spring		Dynamic	Analog / PP-Bus	Controller GUAC-PM1-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...100 Pa	G76	
			Modbus RTU	Controller GUAC-PM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...300 Pa	G77	
			ANALOG	Controller GUAC-PM6-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m)	0...600 Pa	G78	
		Static	Analog / PP-Bus	Controller GUAC-PM-DD3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G62F	
			Modbus RTU	Controller GUAC-PM-DD3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G64F	
With the spring	Dynamic	Analog / PP-Bus	Controller GUAC-PM1 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...100 Pa	G70F		
		Modbus RTU	Controller GUAC-PM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G71F		
		ANALOG	Controller GUAC-PM6 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...600 Pa	G72F		
	Static	Modbus RTU	Controller GUAC-PM1-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...100 Pa	G76F		
		ANALOG	Controller GUAC-PM3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m)	0...300 Pa	G77F		
BELIMO sensor, controller and actuator all in separate boxes	Without the spring	Static	Analog / MP-Bus	Controller VRU-M1R-BAC (RP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	-75...+75 Pa	B91	
			Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	-75...+75 Pa	B92	
			ANALOG	Controller VRU-M1R-BAC (RP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	-75...+75 Pa	B91Q	
	Speed actuator	Static	Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	-75...+75 Pa	B92Q	
			ANALOG	Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	-75...+75 Pa	B91QF	
Speed actuator / With the spring	Static	Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m)	-75...+75 Pa	B92QF		
		ANALOG	Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m)	-75...+75 Pa	B91FF		
With the spring	Static	Analog / MP-Bus	Controller VRU-M1R-BAC (RP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	-75...+75 Pa	B91F		
		Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	-75...+75 Pa	B92F		