

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

Version 2026-04-10

Sensor range

Design

Air flow

Air flow	BELIMO compact solution (sensor, controller and actuator in one box)	Without the spring	Dynamic	Analog	LMV-D3-MF.1 MDK (5 N.m, NMV-D3-MF.1 MDK 10 N.m)	0...500 Pa	B00	
				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	
				KNX	LMV-D3-KNX (5 N.m, NMV-D3-KNX 10 N.m)	0...500 Pa	B04	
	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	
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B29	
				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	
		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	
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B29Q	
				Modbus RTU / BACnet	Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B30Q	
		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	
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (VAV) + NKQ24A-VST (10 N.m)	0...600 Pa	B29QF	
				Modbus RTU / BACnet	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		
		Static	Analog / MP-Bus	Controller VRU-M1-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B29F		
			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		
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		
		Static	Analog / PP-Bus	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		
			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		
		Modbus RTU	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			
			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		
		Static	Analog / PP-Bus	Controller GUAC-SM3 + 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		
			Modbus RTU	Controller GUAC-SM3-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	G30		
	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		
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		
			Without the spring	Dynamic	Without communication	Controller ASV181.1E/3 + GDB141.1E (5 N.m, GEB141.1E 20 N.m, GBB141.1E 25 N.m, GIB141.1E 35 N.m)	0...500 Pa	S22
					Without communication	Controller ASV181.1E/3 + GPC131.1A (60s/15s) 4 N.m	0...500 Pa	S22QF
Speed actuator / With the spring	Dynamic	Without communication	Controller ASV181.1E/3 + GPC131.1A (4 N.m, GMA131.1E 7 N.m, GCA131.1E 18 N.m)	0...500 Pa	S22F			
		Without communication	Controller ASV181.1E/3 + GPC131.1A (4 N.m, GMA131.1E 7 N.m, GCA131.1E 18 N.m)	0...500 Pa	S22F			

Pressure

Pressure	BELIMO sensor and controller in one box and the actuator is separately	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
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m)	0...600 Pa	B75
				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
		Speed actuator	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B63Q
				Modbus RTU / BACnet	Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...500 Pa	B64Q
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B75Q
				Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	0...600 Pa	B78Q
		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
			Static	Analog / MP-Bus	Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m)	0...600 Pa	B75QF
				Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m)	0...600 Pa	B78QF
	With the spring	Dynamic	Analog / MP-Bus	Controller VRU-D3-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...500 Pa	B63F	
			Modbus RTU / BACnet	Controller VRU-D3-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...500 Pa	B64F	
		Static	Analog / MP-Bus	Controller VRU-M1-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B75F	
			Modbus RTU / BACnet	Controller VRU-M1-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m)	0...600 Pa	B78F	
	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
			Static	Analog / PP-Bus	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
				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
Modbus RTU			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		
			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 and controller in one box and the actuator is separately	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	
		Static	Analog / PP-Bus	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	
			Modbus RTU	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		
			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		
	With the spring	Dynamic	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	
		Static	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-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	
		Modbus RTU	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		
			Controller GUAC-PM6-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...600 Pa	G78F		

Pressure in the room

Pressure in the room	BELIMO sensor and controller in one box and the actuator is separately	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
		Speed actuator	Static	Analog / MP-Bus	Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	-75...+75 Pa	B91Q
				Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m)	-75...+75 Pa	B92Q
		Speed actuator / With the spring	Static	Analog / MP-Bus	Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m)	-75...+75 Pa	B91QF
				Modbus RTU / BACnet	Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m)	-75...+75 Pa	B92QF
		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