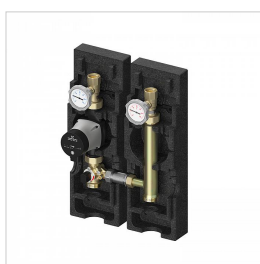


Product Data Sheet

V-MK pump groups

Manifold pump group DN 25 – 32
(mixer circuit for large manifold or suitable in system up to 100 kW)

Complete with or without recirculating pump (installed length 180 mm) with connection cable; two ball valves (on return line side with backflow limiter, manually adjustable with DN25 and DN32); two contact thermometers integrated in the ball valve handle (indicated range 0-120 °C); one 3-way T-mixer including continuously adjustable bypass; EPP insulation; axial distance from 250 - 250 mm (corrugated pipe on the mixer bypass expandable by 50 mm); bottom outlet piece 1 1/2" M flat sealing, top outlet piece with female thread in accordance with pump dimension.



Type	Model	Connection		###	Order Code
		DN	"		
V-MK DN 25	Without pump	25	1"	1	M66833EA
V-MK DN 25	With Grundfos UPM3 Hybrid 25-70**	25	1"	1	M66833.36
V-MK DN 25	With Grundfos Alpha2.1 25-60	25	1"	1	M66833.30
V-MK DN 25	With Grundfos MMNA 3 25-60	25	1"	1	M66833.64
V-MK DN 25	With Wilo Yonos PICO 25/1-6	25	1"	1	M66833.10WI
V-MK DN 25	With Wilo Stratos PARA 25 / 1-7*	25	1"	1	M66833.31WI
V-MK DN 32	Without pump	32	1 1/4"	1	M66834EA
V-MK DN 32	With Grundfos UPM3 Hybrid 32-70**	32	1 1/4"	1	M66834.36
V-MK DN 32	With Grundfos Alpha2.1 32-60	32	1 1/4"	1	M66834.30
V-MK DN 32	With Grundfos MMNA 3 32-60	32	1 1/4"	1	M66834.64
V-MK DN 32	With Wilo Yonos PICO 30/1-6	32	1 1/4"	1	M66834.10WI
V-MK DN 32	With Wilo Stratos PARA 32 / 1-7*	32	1 1/4"	1	M66834.31WI
V-MK DN 32+ for greater flow rates	Without pump	32	1 1/4"	1	M66834.05EA
V-MK DN 32+ for greater flow rates	With Grundfos UPM3 Hybrid 32-70**	32	1 1/4"	1	M66834.55

Type	Model	Connection		###	Order Code
		DN	"		
V-MK DN 32+ for greater flow rates	With Grundfos Alpha2.1 32-60	32	1 1/4"	1	M66834.35
V-MK DN 32+ for greater flow rates	With Grundfos MMNA 3 32-60	32	1 1/4"	1	M66834.65
V-MK DN 32+ for greater flow rates	With Wilo Yonos PICO 30/1-6	32	1 1/4"	1	M66834.15WI
V-MK DN 32+ for greater flow rates	With Wilo Stratos PARA 32 / 1-7*	32	1 1/4"	1	M66834.35WI

* Including additional option: Control signal 0 – 10 V.

** Optional PWM signal cable available.

Specifications	V-MK		
	DN 25	DN 32	DN 32+
Dimensions HxWxD approx. (per line, without pump) [mm]	550 x 175 x 240	550 x 175 x 240	550 x 175 x 240
Heating circuit connections	1" F	1 1/4" F	1 1/4" F
Manifold connection	1 1/2" AD (fld.)	1 1/2" AD (fld.)	1 1/2" AD (fld.)
Axial distance [mm]	200 - 250	200 - 250	200 - 250
Max. operating temperature [°C]	110	110	110
Permissible positive operating pressure [PN]	10	10	10
Thermometers	2 x 0 – 120 °C	2 x 0 – 120 °C	2 x 0 – 120 °C
Backflow preventer	1 x (in the return line), 200mmWS, for installation	1 x (in the return line), 200mmWS, for installation	not for installation
Installed length of pump [mm]	180	180	180
Kvs value [m ³ /h]	5.8	6.1	9.8
Power P ¹⁾ [kW]			
UPM3 Hybrid xx-70	28 - 42	29 - 44	33 - 49
Alpha2.1 xx-60	23 - 35	24 - 37	28 - 42
Magna3 xx-60	37 - 56	38 - 58	48 - 72
Yonos Pico xx/ 1-6	22 - 33	23 - 35	27 - 40
Stratos Para xx / 1-7	34 - 51	35 - 52	41 - 61
Flow rate V [m ³ /h]			
UPM3 Hybrid xx-70	2.4	2.5	2.8
Alpha2.1 xx-60	2.0	2.1	2.4
Magna3 xx-60	3.2	3.3	4.1
Yonos Pico xx/ 1-6	1.9	2.0	2.3
Stratos Para xx / 1-7	2.9	3.0	3.5

1) Power P in [kW] at 10 K / 15 K temperature differential and 2 mWS residual delivery head.