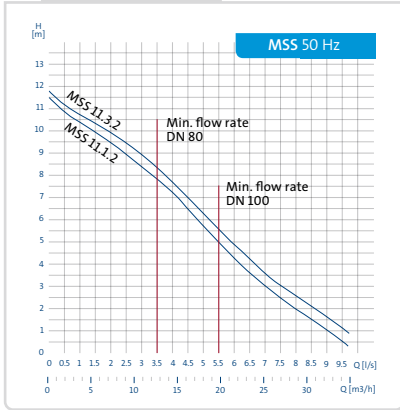
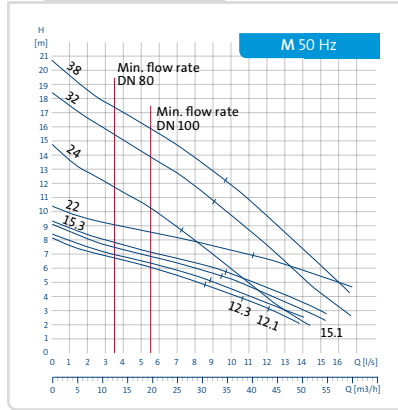




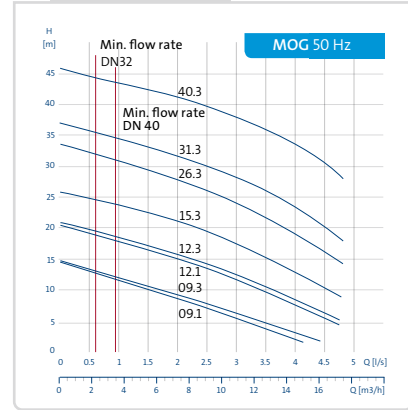
MULTILIFT MSS



MULTILIFT M



MULTILIFT MOG



ISO 9906 Grade 3

MULTILIFT MSS/M/MOG SINGLE PUMP UNITS

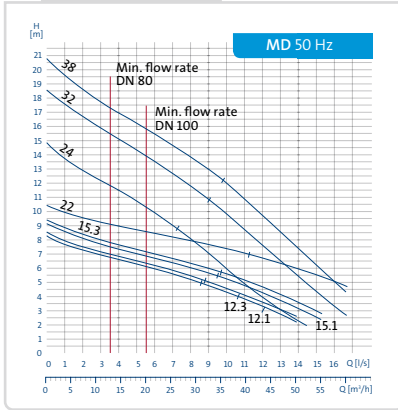
MULTILIFT MSS/M/MOG	Inlet level [mm]	Tank volume [l]	Effective pump volume [l]	Duty	Voltage [V]	Power P1 / P2 [kW]	I1 / I1start [A]	RPM [min ⁻¹]	Number of poles	Plug type	Cable length controller to motor [m]	Weight [kg]	Product number
MSS.11.1.2	180 / 250	44	20 / 28	S3-10%, 1 min.	1 x 230V	1,8 / 1,1	8 / 22,5	2760	2	Schuko	4	28	97901037
MSS.11.3.2					3 x 400V		3,2 / 16			2785			CEE 3P+N+E, 16A
M.12.1.4	180 / 250 / 315	93	34 / 49 / 62	S3-50%, 1 min.	1 x 230V	1,9 / 1,4	9 / 38	1430	4	Schuko	4	69	97901064
M.12.3.4					3 x 400V	1,8 / 1,5	3,7 / 19			CEE 3P+N+E, 16A			97901065
M.15.1.4					1 x 230V	2,3 / 1,7	10,1 / 39	1410		Schuko			97901066
M.15.3.4					3 x 400V	2,3 / 1,8	4 / 19	CEE 3P+N+E, 16A		97901067			
M.22.3.4				S3-50%	3 x 400V	2,8 / 2,3	5,5 / 29,7	1430	CEE 3P+N+E, 16A	97901068			
M.24.3.2					3 x 400V	3,1 / 2,6	5,5 / 39	2920	CEE 3P+N+E, 16A	97901070			
M.32.3.2					3 x 400V	4,0 / 3,4	6,7 / 39	2920	CEE 3P+N+E, 16A	97901072			
M.38.3.2					S3-40%, 1 min.	3 x 400V	4,6 / 3,9	7,5 / 39	2880	CEE 3P+N+E, 16A	97901074		
MOG.09.1.2	180 / 250 / 315	93	23 / 37 / 50	S3-35%, 1 min.	1 x 230V	1,4 / 0,9	6,3 / 38	2890	2	Schuko	10	62	97901124
MOG.09.3.2					3 x 400V		2,6 / 21			2860			CEE 3P+N+E, 16A
MOG.12.1.2					1 x 230V	8,2 / 38	2820	Schuko		97901126			
MOG.12.3.2					3 x 400V	1,8 / 1,2	3,1 / 21	2750		CEE 3P+N+E, 16A			97901127
MOG.15.3.2					3 x 400V	2,3 / 1,5	3,8 / 21	2700		CEE 3P+N+E, 16A			97901128
MOG.26.3.2					3 x 400V	3,7 / 2,6	5,3 / 33	2870		CEE 3P+N+E, 16A			97901130
MOG.31.3.2				S3-30%, 1 min.	3 x 400V	3,9 / 3,1	6,3 / 43	2900	CEE 3P+N+E, 16A	97901132			
MOG.40.3.2					3 x 400V	5,2 / 4,0	8,2 / 43	2830	CEE 3P+N+E, 16A	97901134			

- MSS and M are available with 10 m cable
- M and MOG are available with turnable inlet disk DN150 instead of DN100
- M and MOG are available in 3 x 230V versions

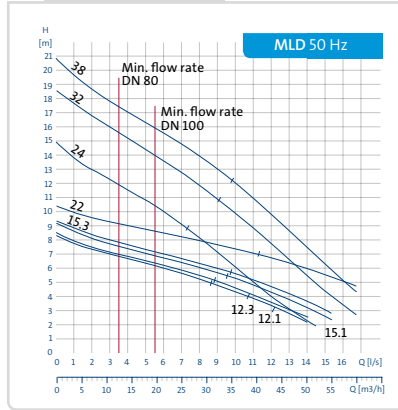
Please ask your local Grundfos representative.



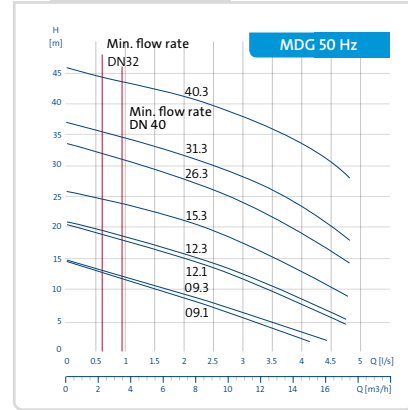
MULTILIFT MD



MULTILIFT MLD



MULTILIFT MDG



ISO 9906 Grade 3

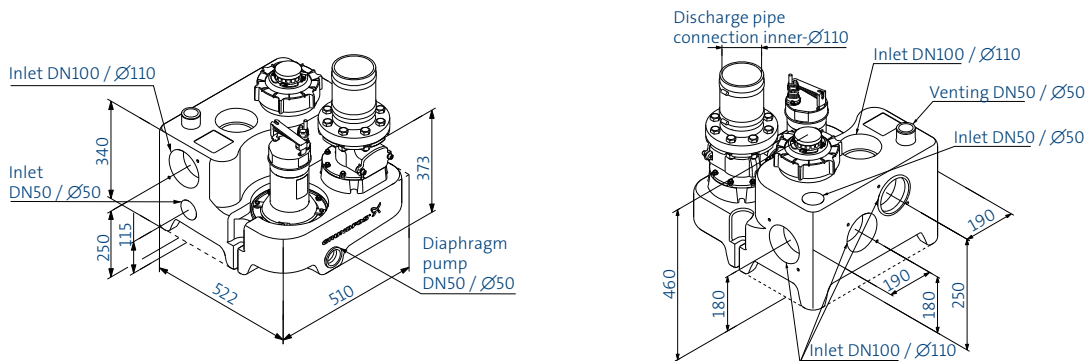
MULTILIFT MD/MLD/MDG DOUBLE PUMP UNITS

MULTILIFT MD	Inlet level [mm]	Tank volume [l]	Effective pump volume [l]	Duty	Voltage [V]	Power P1 / P2 [kW]	I1 / I1 / Istart [A]	RPM [min-1]	Number of poles	Plug type	Cable length between controller and motor on tank [m]	Weight [kg]	Product number					
MD.12.1.4	180/ 250 / 315	130	49 / 69 / 86	S3-50%, 1 min.	1 x 230V	1,8 / 1,5	9 / 39	1430	4	CEE 2P+E 32A	4	119	97901084					
MD.12.3.4					3 x 400V	3,7 / 19	3,7 / 19	CEE 3P+N+E, 16A		97901085								
MD.15.1.4					1 x 230V	2,3 / 1,8	10,1/39	CEE 2P+E 32A		97901086								
MD.15.3.4					3 x 400V	4 / 19	4 / 19	CEE 3P+N+E, 16A		97901087								
MD.22.3.4				S3-50%	3 x 400V	2,8 / 2,3	5,5 / 29,7	1430	CEE 3P+N+E, 16A	121			97901088					
MD.24.3.2				S3-50%, 1 min.	3 x 400V	3,1 / 2,6	5,5 / 39	2920	CEE 3P+N+E, 16A	126			97901090					
MD.32.3.2				3 x 400V	4,0 / 3,4	6,7 / 39	2920	CEE 3P+N+E, 16A	97901092									
MD.38.3.2				S3-40%, 1 min.	3 x 400V	4,6 / 3,9	7,5 / 39	2880	CEE 3P+N+E, 16A	97901094								
MLD.12.1.4				560	270	190	S3-50%, 1 min.	1 x 230V	1,8 / 1,5	9 / 39			1430	4	CEE 2P+E 32A	4	130	97901104
MLD.12.3.4								3 x 400V	3,7 / 19	3,7 / 19			CEE 3P+N+E, 16A		97901105			
MLD.15.1.4	1 x 230V	2,3 / 1,7	10,1/39					CEE 2P+E 32A	97901106									
MLD.15.3.4	3 x 400V	2,3 / 1,8	4 / 19					CEE 3P+N+E, 16A	97901107									
MLD.22.3.4	S3-50%	3 x 400V	2,8 / 2,3				5,5 / 29,7	1430	CEE 3P+N+E, 16A	132	97901108							
MLD.24.3.2	S3-50%, 1 min.	3 x 400V	3,1 / 2,6				5,5 / 39	2920	CEE 3P+N+E, 16A	136	97901110							
MLD.32.3.2	3 x 400V	4,0 / 3,4	6,7 / 39				2920	CEE 3P+N+E, 16A	97901112									
MLD.38.3.2	S3-40%, 1 min.	3 x 400V	4,6 / 3,9				7,5 / 39	2880	CEE 3P+N+E, 16A	97901114								
MDG.09.3.2							S3-30%, 1 min.	3 x 400V	1,4 / 0,9	2,6 / 21	2860	2	CEE 3P+N+E		108			97901137
MDG.12.3.2								3 x 400V	1,8 / 1,2	3,1 / 21	2750		CEE 3P+N+E, 16A					97901139
MDG.15.3.2				3 x 400V	2,3 / 1,5	3,8 / 21		2700	CEE 3P+N+E, 16A	97901140								
MDG.26.3.2				3 x 400V	3,7 / 2,6	5,3 / 33		2870	CEE 3P+N+E, 16A	150	97901142							
MDG.31.3.2				3 x 400V	3,9 / 3,1	6,3 / 43		2900	CEE 3P+N+E, 16A	166	97901144							
MDG.40.3.2				3 x 400V	5,2 / 4,0	8,2 / 43		2830	CEE 3P+N+E 32A		97901146							

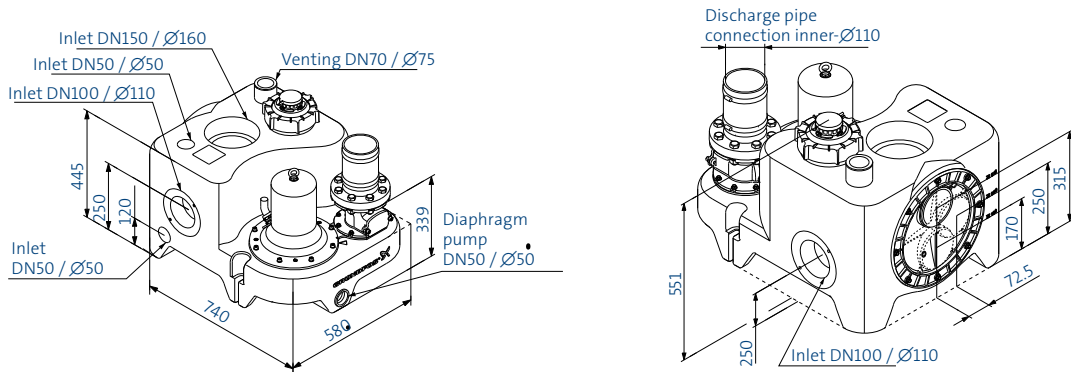
- MD and MLD are available with 10 m cable
- MD and MDG are available with turnable inlet disk DN150 instead of DN100
- MD and MDG are available in 3 x 230V versions

Please ask your local Grundfos representative.

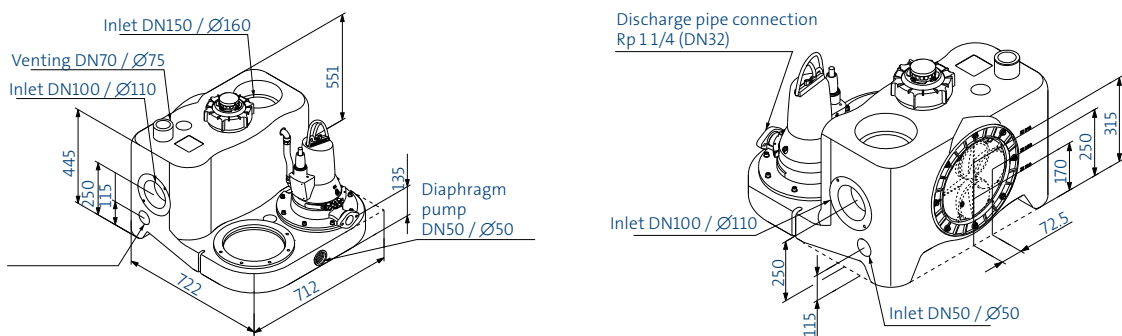
MULTILIFT MSS



MULTILIFT M



MULTILIFT MOG

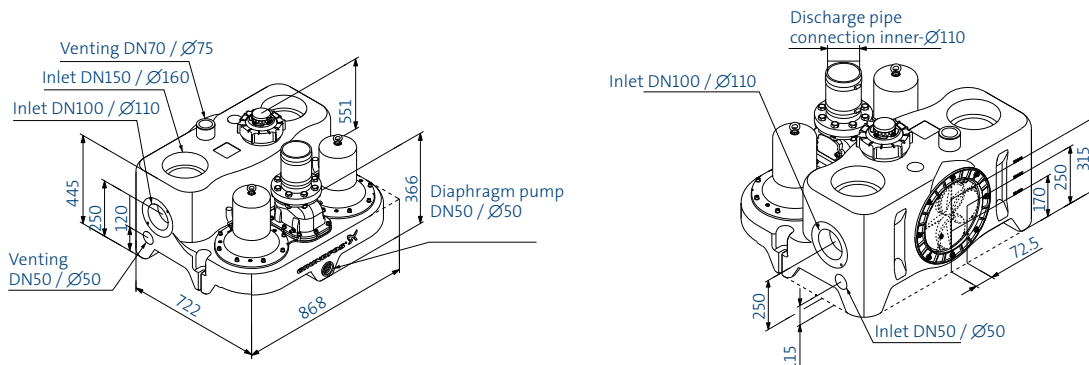


Scope of delivery:

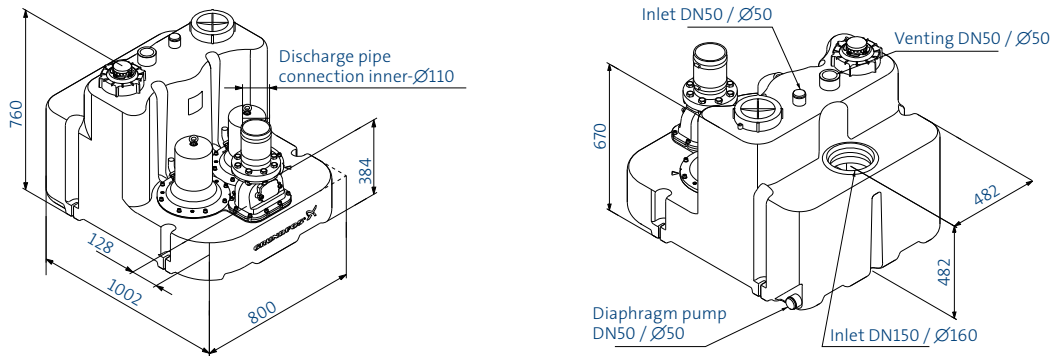
MULTILIFT MSS, M, MD, MLD

Are delivered with a tank including pump(s), a wired controller with a 4m cable to the pump and 4m hose to the ram pressure tube to the tank, 1,5m cable with plug to the power supply, wired sensor unit, mounted non-return valve (MSS, M) or butterfly non-return valve (MD, MLD), a discharge flange with connection piece DN100, mounting kit (gasket DN80, bolts, nuts, washers), flexible connection hose with 2 clamps DN100, flexible connection hose with 2 clamps DN70 (DN50 only for MSS) for venting, DN50 socket sealing for diaphragm pump or additional inlet and the inlet socket sealing DN100 for MSS, M, MD and DN150 for MLD. MULTILIFT M and MD are equipped with a turnable inlet disk which can be replaced with an inlet disk DN150 (see accessories).

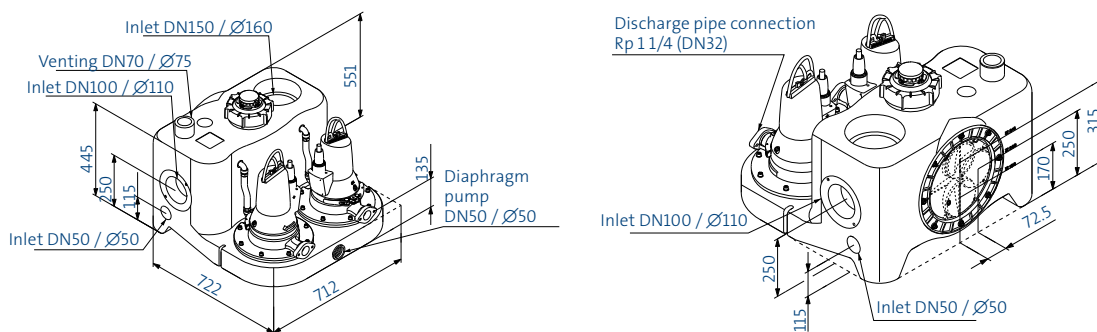
MULTILIFT MD



MULTILIFT MLD



MULTILIFT MDG



Scope of delivery:

MULTILIFT MOG, MDG

Are delivered with a tank including grinder pump(s) with oval flanges to connect discharge pipe 1 1/4" and valves (see accessories). MOG and MDG incorporate a wired controller with a 4m cable to the pump and 4m hose to the ram pressure tube to the tank, 1,5m cable with plug to the power supply, wired sensor unit, flexible connection hose with 2 clamps DN70 for venting, DN50 socket sealing for diaphragm pump or additional inlet, and a turnable inlet disk with socket sealing DN100. This disk can be replaced with an inlet disk DN150 (see accessories).

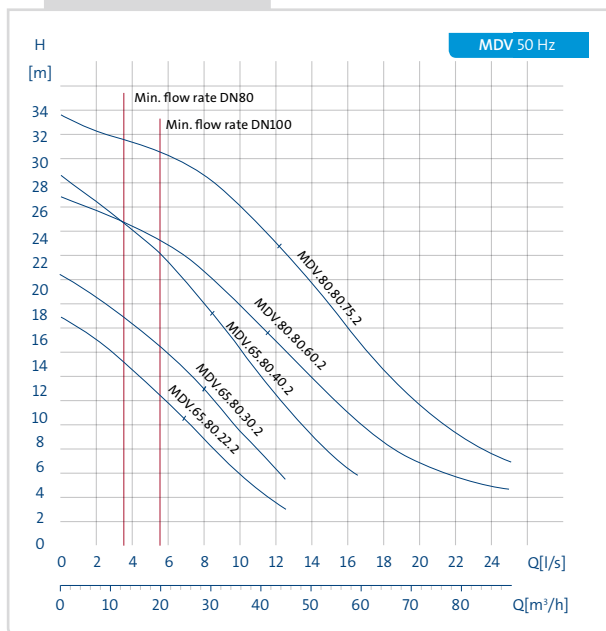
MULTILIFT MD1/MDV WITH SE PUMPS



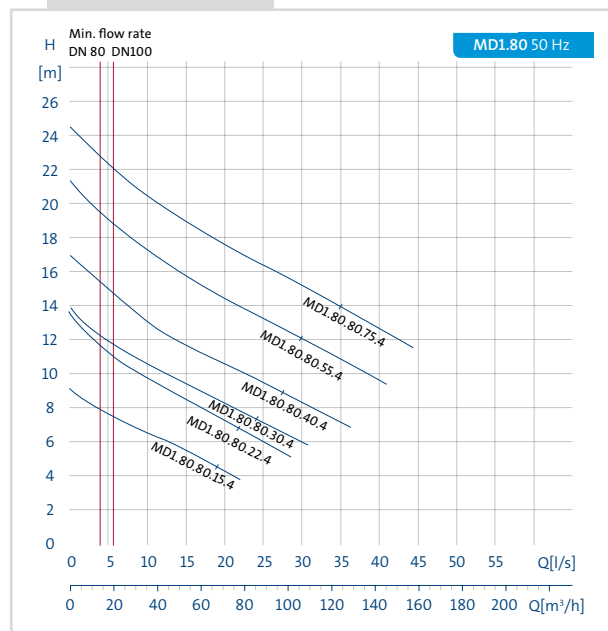
SE pumps are developed for continuous duty (S1) and for intermittent duty (S3-50%, 1 min.)



MULTILIFT MDV



MULTILIFT MD1.80



TECHNICAL DATA MULTILIFT MDV – DOUBLE PUMP UNITS WITH ONE TANK

MULTILIFT (with vortex impeller pumps)	Inlet level [mm]	Number of tanks and volume [l]	Effective pump volume [l]	Power P1 / P2 [kW]	I1/1 / Istart [A]	Number of poles	Voltage [V]	Starting method	Weight [kg]	Product number	
MDV.65.80.22.2	700 / 840	1 x 450	240	2,8 / 2,2	5,0 / 37	2	3x380-415	D.O.L	280	96102274	
MDV.65.80.30.2				3,8 / 3,0	6,6 / 51					96102276	
MDV.65.80.40.2				4,8 / 4,0	8,6 / 71			Y/D		320	96102278
MDV.80.80.60.2				7,1 / 6,0	13,9/148					335	96776520
MDV.80.80.75.2				8,9 / 7,5	16,2 / 152					336	96741485

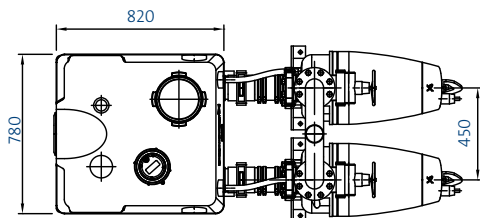
TECHNICAL DATA MULTILIFT MD1 – DOUBLE PUMP UNITS WITH ONE TANK

MULTILIFT (with vortex impeller pumps)	Inlet level [mm]	Number of tanks and volume [l]	Effective pump volume [l]	Power P1 / P2 [kW]	I1/1 / Istart [A]	Number of poles	Voltage [V]	Starting method	Weight [kg]	Product number	
MD1.80.80.15.4	700 / 840	1 x 450	240	2,1 / 1,5	4,2 / 22	4	3x380-415	D.O.L	300	96102280	
MD1.80.80.22.4				2,9 / 2,2	5,9 / 32					96102282	
MD1.80.80.30.4				3,7 / 3,0	7,8 / 43					96102284	
MD1.80.80.40.4				4,9 / 4,0	10,0 / 67			Y/D		380	96102286
MD1.80.80.55.4				6,5 / 5,5	13,4 / 87					390	96102288
MD1.80.80.75.4				9,0 / 7,5	17,3 / 107					490	96102290

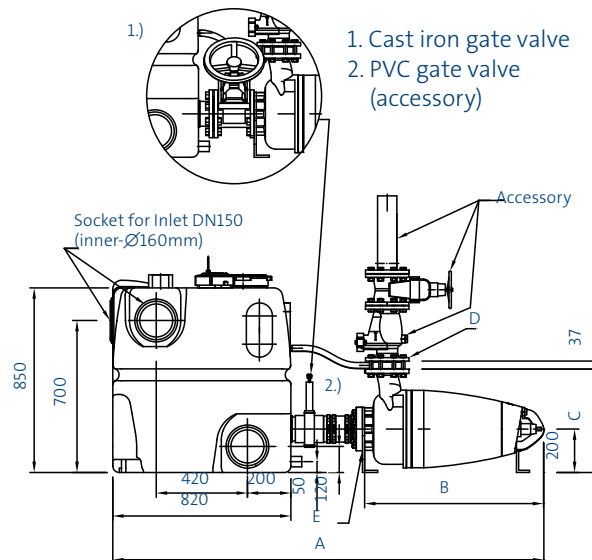
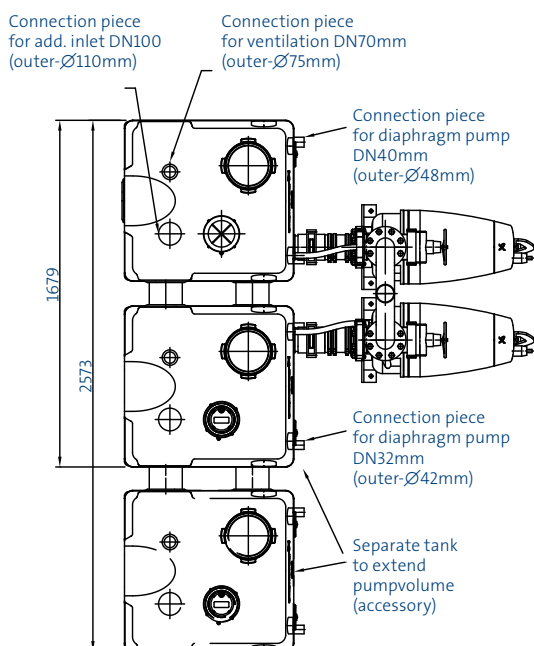
MULTILIFT MD1/MDV are available as a variant with an inlet DN 200 instead of DN 150. Please ask your local Grundfos representative.

MULTILIFT MD1/MDV – double pump units with one tank

Installation possibilities:



Demand more discharge volume?
MULTILIFT MD1/MDV can be equipped with additional tanks to multiply the effective pump volume.



1. Cast iron gate valve
2. PVC gate valve (accessory)

DIMENSIONS MD1/MDV

MULTILIFT	P1 [kW]	Dimensions [mm]					
		A ¹⁾	A ²⁾	B	C	D	E
MDV65.80.22./30.2	2,8-3,8	1800	1890	726	447	DN80	DN80
MDV65.80.40.2	4,8	1870	1950	791	476		
MDV.80.80.60.-75.2	8,9	1895	1975	816	476		
MD1.80.80.15-22.4	2,1-2,9	1910	1980	723	472	DN80	DN100
MD1.80.80.30.-55.4	3,7-6,5	2005	2080	820	519		
MD1.80.80.75.4	9	2060	2135	876	528		

¹⁾ Cast iron gate valve – ²⁾ PVC gate valve

Scope of delivery:

MULTILIFT MD1/MDV

Are delivered with one tank, SE or SL pumps with horizontal installation kit, two socket sealings DN100 and flange with connection piece for pump connection, controller with a 10m cable, 10m hose to the ram pressure tube, flexible connection hose with 2 clamps DN40 for diaphragm pump connection, flexible connection hose with 2 clamps DN70 (venting) and inlet socket sealing DN150.

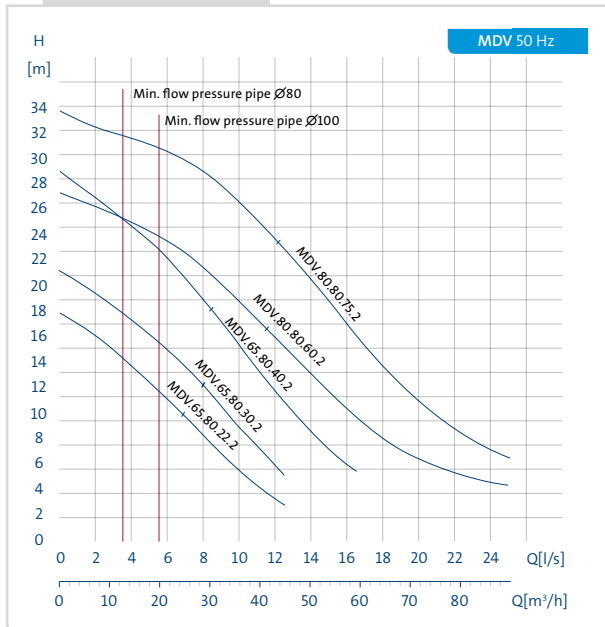
MULTILIFT MD1/MDV WITH SL PUMPS



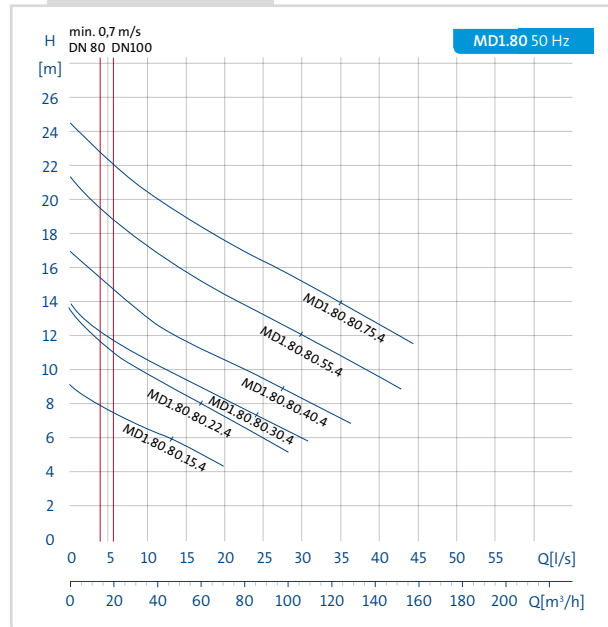
SL pumps are developed for intermittent duty (S3-50%, 1 min. at ambient temp. of max. 30°C)



MULTILIFT MDV



MULTILIFT MD1.80



ISO 9906 Grade 2

TECHNICAL DATA MULTILIFT MDV – DOUBLE PUMP UNITS WITH ONE TANK

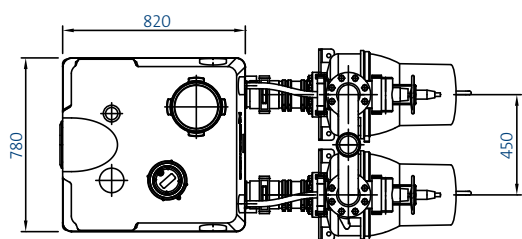
MULTILIFT (with vortex impeller pumps)	Inlet level [mm]	Number of tanks and volume [l]	Effective pump volume [l]	Power P1 / P2 [kW]	I1/1 / Istart [A]	Number of poles	Voltage [V]	Starting method	Weight [kg]	Product number
MDV.65.80.22.2	700 / 840	1 x 450	240	2,8 / 2,2	4,9 / 43	2	3x380-415	D.O.L	280	97577818
MDV.65.80.30.2				3,8 / 3,0	6,8 / 59,8					97577833
MDV.65.80.40.2				4,8 / 4,0	8,5 / 93					97577836
MDV.80.80.60.2				6,9 / 6,0	12,5 / 122			97577838		
MDV.80.80.75.2				8,7 / 7,5	15,1 / 152			97577840		

TECHNICAL DATA MULTILIFT MD1 – DOUBLE PUMP UNITS WITH ONE TANK

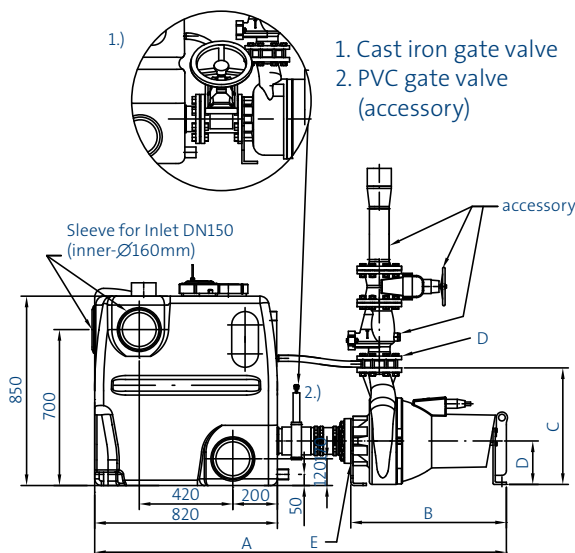
MULTILIFT (with single impeller pumps)	Inlet level [mm]	Number of tanks and volume [l]	Effective pump volume [l]	Power P1 / P2 [kW]	I1/1 / Istart [A]	Number of poles	Voltage [V]	Starting method	Weight [kg]	Product number
MD1.80.80.15.4	700 / 840	1 x 450	240	2,1 / 1,5	3,9 / 26	4	3x380-415	D.O.L	300	97577857
MD1.80.80.22.4				2,9 / 2,2	5,3 / 38,3				300	97577859
MD1.80.80.30.4				3,7 / 3,0	7,2 / 50				360	97577861
MD1.80.80.40.4				4,9 / 4,0	9,7 / 51			380	97577863	
MD1.80.80.55.4				6,4 / 5,5	11,8 / 81			390	97577865	
MD1.80.80.75.4				8,6 / 7,5	15,2 / 109			490	97577867	

MULTILIFT MD1/MDV are available as a variant with an inlet DN 200 instead of DN 150. Please ask your local Grundfos representative.

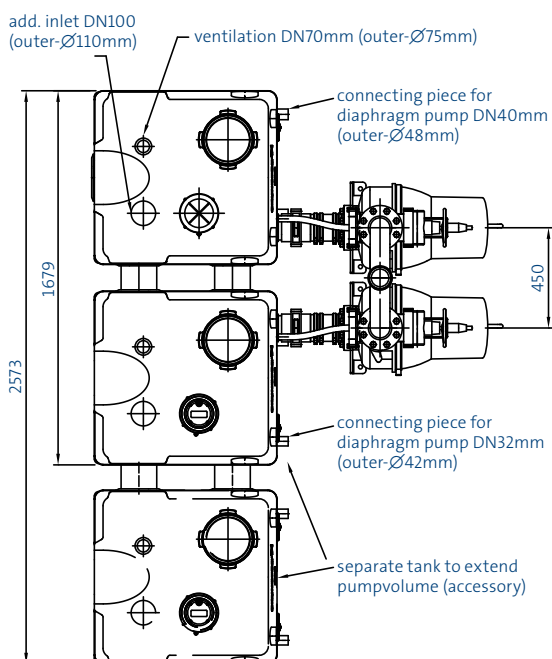
MULTILIFT MD1/MDV – double pump units with one tank



Installation possibilities:



MULTILIFT MD1 – double pump units with two tanks



DIMENSIONS MD1/MDV

MULTILIFT	P1 [kW]	Dimensions [mm]					
		A ¹⁾	A ²⁾	B	C	D	E
MDV65.80.22./30.2	2,8-3,8	1605	1685	535	447	DN80	
MDV65.80.40.2	4,8	1690	1770	620	476		
MDV.80.80.60.-75.2	7,1-8,9	1695	1775	625	476		
MD1.80.80.15.-22.4	2,1-2,9	1625	1705	555	472	DN100	
MD1.80.80.30.-55.4	3,7-6,5	1655	1735	585	519		
MD1.80.80.75.4	9	1775	1850	705	528		

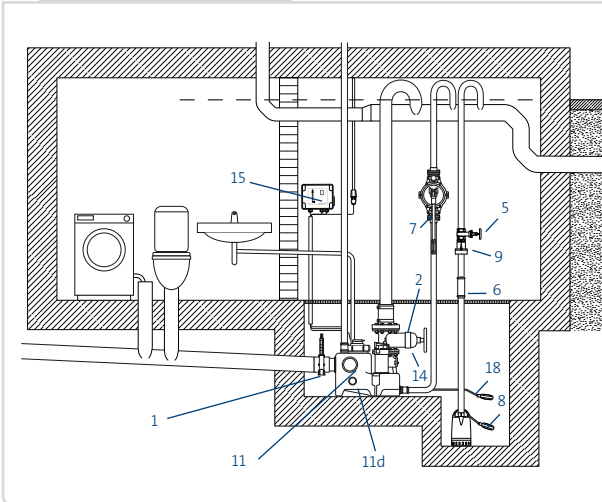
¹⁾ Cast iron gate valve – ²⁾ PVC gate valve

Scope of delivery:

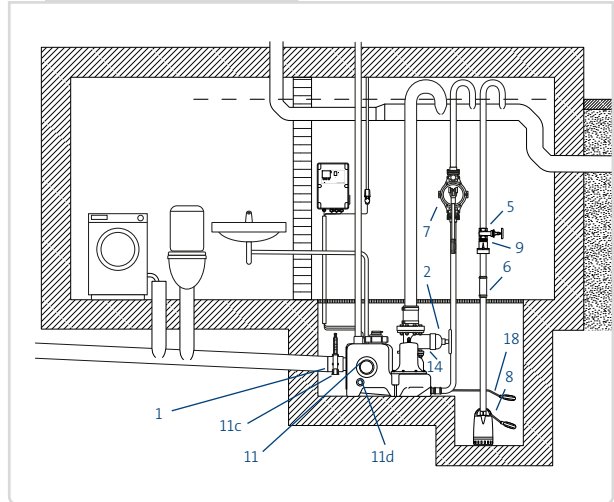
MULTILIFT MD1/MDV

Are delivered with one tank, SE or SL pumps with horizontal installation kit, two socket sealings DN100 and flange with connection piece for pump connection, controller with a 10m cable, 10m hose to the ram pressure tube, flexible connection hose with 2 clamps DN40 for diaphragm pump connection, flexible connection hose with 2 clamps DN70 (venting) and inlet socket sealing DN150.

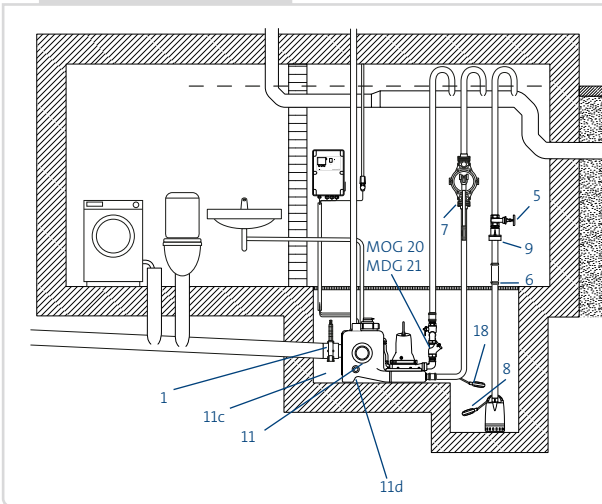
MULTILIFT MSS



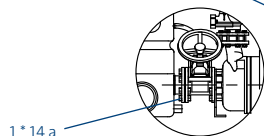
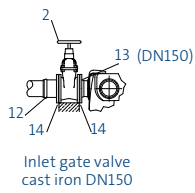
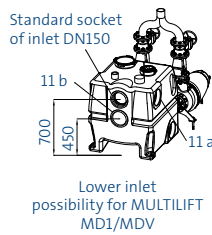
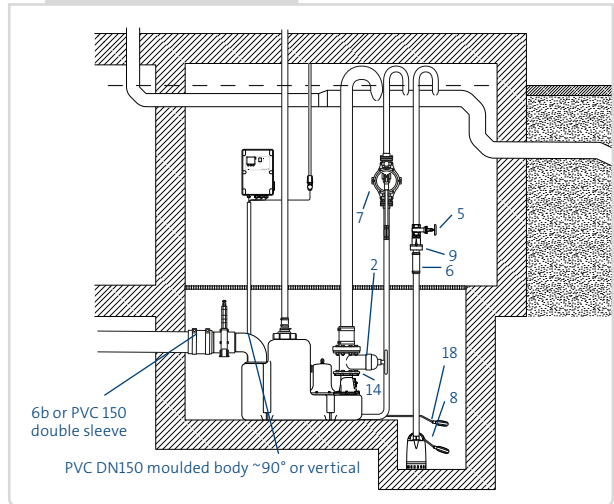
MULTILIFT M/MD



MULTILIFT MOG/MDG



MULTILIFT MLD



Cast iron gate valves between collecting tank and SE/SL pumps at MULTILIFT MD1/MDV.

For size DN80 or DN100, see drawings on previous pages

MULTILIFT MD1/MDV

