

Durgo Valve Manifolds





Durgo valve manifolds are used when shutting off/filling water and oil. When using for filling of hot water units/equipment, the valve manifold on the cold water pipe is fitted before the unit/equipment. The valve manifold are fitted with compression ring coupling and the connections for safety and discharge valves are threaded. The discharge valve connection is plugged on delivery. The type designation, connection dimension and current direction arrow are marked on the valve housing. Both types are fitted with a non-return valve the task of which is to prevent pressure backflow through the valve manifold and protect the fresh water installation from contamination. Application temperature range -30°C to +125°C. Max pressure 1 MPa. If the media is anything other than water, the material resistance of the seals and valves in relation to the media must be verified to ensure the tightness/strength of the valve is not jeopardised. The valve manifolds are classified as section 8 valves as specified in AFS 1999:4; Pressure Equipment Directive (PED 97/23/EC)



Durgo 2 Valve Manifold with Vacuum Valve

Durgo valve manifold type 2 is a combined stop, non-return and vacuum valve with connections for safety and discharge valve. All valve manifolds have connections to compression ring coupling. The valve manifold is located on the cold water pipe before the water heater. Connections 20, 25, 32, 40 and 50.

Connection (DN)	Construction length without compression ring coupling, (mm)	Construction height without safety valve, (mm)
20	160	124
25	200	147
32	222	165
40	240	187
50	280	220

Connection (DN)	Pipe dimension (mm)	Connection, internal thread (ISO G)	(RSK-no)
20	22	15	(431 13 20)
25	28	20	(431 13 38)
32	35	20	(431 13 46)
40	42	20	(431 13 53)
50	54	25	(431 13 61)



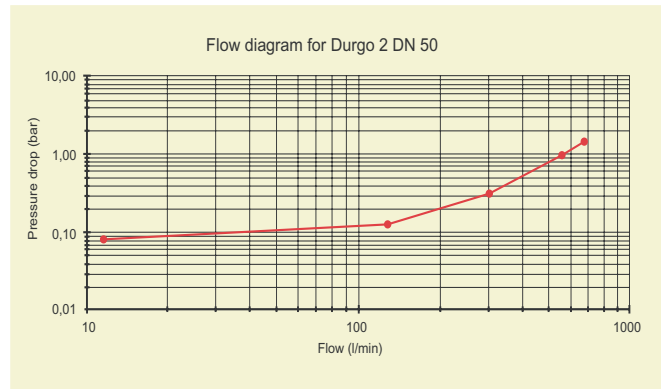
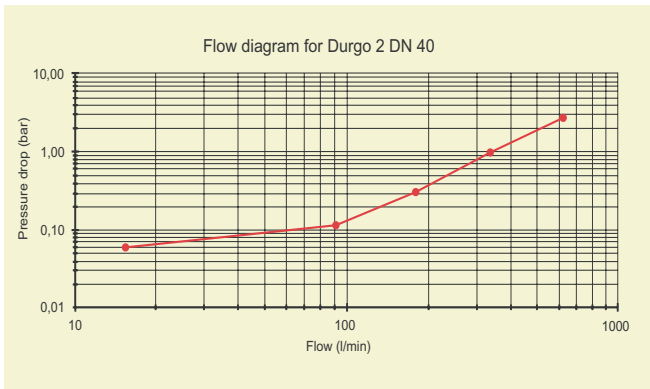
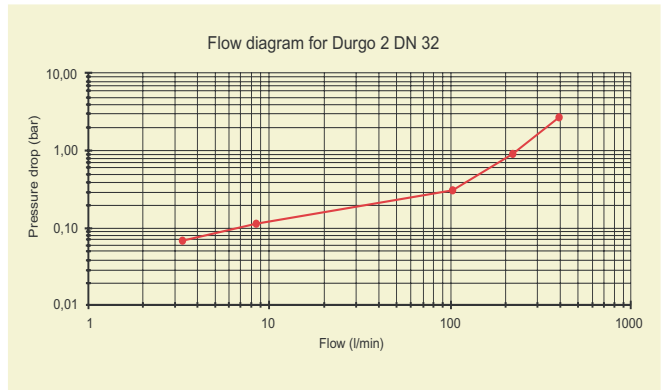
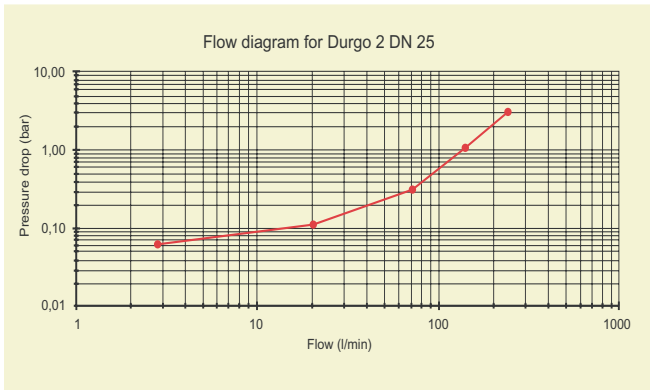
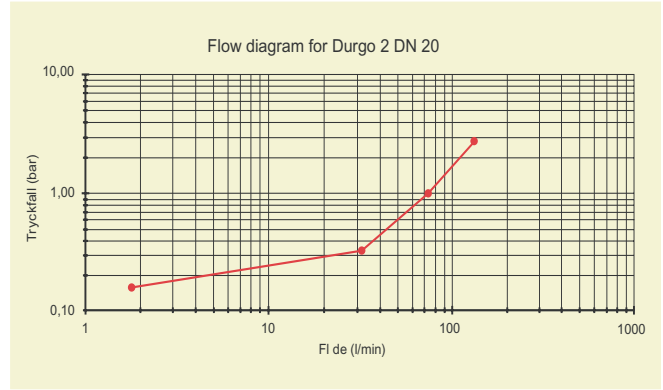
Durgo 3 Valve Manifold without Vacuum Valve

Durgo valve manifolds type 3 equivalent to Durgo 2 but without vacuum valve. Used for heaters under 300 litres. Connections 15 and 20.

Connection (DN)	Construction length without compression ring coupling, (mm)	Construction height without safety valve, (mm)
15	120	124
20	175	147

Connection (DN)	Pipe dimension (mm)	Connection, internal thread (ISO G)	(RSK-no)
15	15	15	(431 13 79)
20	22	15	(431 13 95)

Flow diagram for Durgo Valve Manifolds



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