Pressure loss in iFIT system components (Water 10°C)

+GF+

Art. No.	Terms		Symbol	DN/d	ς-Value	Equivalent pipe length in metres												
						1 LU	2 LU	3 LU	4 LU	8 LU	30 LU	60 LU	← Volume flow accord. W3 Diagr. 1 / gr. LU = 4					
						0.1 l/s	0.2 l/s	0.3 l/s	0.4 l/s	0.5 l/s	0.8 l/s	1.0 l/s	1.5 l/s	2.0 l/s	2.5 l/s	3.0 l/s	3.5 l/s	4.0 l/s
	Pipe PB und ML			16 x 2.0														
				20 x 2.0														
				25 x 2.5														
				32 x 3.0														
762.101.028	Box simple 90° (old model)			1/2"-d16	5.5	2.00	2.35	2.60	2.80	-	-	-	-	-	-	-	-	-
				1/2"-d20	7.6	-	4.05	4.45	4.80	5.10	5.70	-	-	-	-	-	-	-
762.101.029	Box 2-way 90° (old model)	Outflow		1/2"-d16-d16	6.5	2.35	2.80	3.10	3.30	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	6.1	2.20	2.60	2.90	3.10	-	-	-	-	-	-	-	-	-
		Flow rate		1/2"-d16-d16	4.9	1.75	2.10	2.30	2.50	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	4.2	1.50	1.80	2.00	2.15	-	-	-	-	-	-	-	-	-
762.101.224 762.101.225	Box simple 90° (new model)			1/2"-d16	5.4	1.95	2.30	2.55	2.75	-	-	-	-	-	-	-	-	-
				1/2"-d20	7.2	-	3.80	4.25	4.55	4.80	5.40	-	-	-	-	-	-	-
				3/4"-d16	5.5													
				3/4"-d20	8.0													
762.101.226	Box 2-way 90° (new model)	Outflow		1/2"-d16-d16	9.2	3.30	3.95	4.35	4.70	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	7.3	2.65	3.10	3.45	3.70	-	-	-	-	-	-	-	-	-
		Flow rate		1/2"-d16-d16	7.1	2.55	3.05	3.35	3.60	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	5.2	1.85	2.25	2.45	2.65	-	-	-	-	-	-	-	-	-
762.101.018 762.101.019	Fitting connection simple			1/2"-d16	5.5	2.00	2.35	2.60	2.80	-	-	-	-	-	-	-	-	-
				1/2"-d20	8.8	-	4.65	5.15	5.55	5.90	6.60	-	-	-	-	-	-	-
				3/4"-d16	5.6	2.00	2.40	2.65	2.85	-	-	-	-	-	-	-	-	-
				3/4"-d20	8.1	-	4.30	4.75	5.10	5.40	6.10	-	-	-	-	-	-	-
762.101.022	Fitting connection double	Outflow		1/2"-d16-d16	6.8	2.45	2.90	3.20	3.45	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	6.0	2.15	2.55	2.85	3.05	-	-	-	-	-	-	-	-	-
		Flow rate		1/2"-d16-d16	4.7	1.70	2.00	2.25	2.40	-	-	-	-	-	-	-	-	-
				1/2"-d20-d16	3.8	1.35	1.65	1.80	1.95	-	-	-	-	-	-	-	-	-
762.101.048 762.101.049 762.101.053	Manifold 3/4"	Outflow		3/4"-d16	5.7	2.05	2.45	2.70	2.90	-	-	-	-	-	-	-	-	-
				3/4"-d20	8.7	-	4.60	5.10	5.50	5.80	6.55	-	-	-	-	-	-	-
		Flow rate		3/4"														
762.101.209	Manifold 1"	Outflow		1"-d16	3.2	1.15	1.35	1.50	1.65	-	-	-	-	-	-	-	-	-
				1"-d20	5.3	-	2.80	3.10	3.35	3.55	4.00	-	-	-	-	-	-	-
		Flow rate		1"														
762.101.212 762.101.213	Manifold spider	Outflow		d25 x d16	3.2	1.15	1.35	1.50	1.65	-	-	-	-	-	-	-	-	-
				d25 x d20	5.4	-	2.85	3.15	3.40	3.60	4.05	-	-	-	-	-	-	-
				d32 x d16	3.3	1.20	1.40	1.55	1.70	-	-	-	-	-	-	-	-	-
				d32 x d20	5.3	-	2.80	3.10	3.35	3.55	4.00	-	-	-	-	-	-	-

Pressure loss in iFIT system components (Water 10°C)

+GF+

Art. No.	Terms		Symbol	DN/d	ς-Value	Equivalent pipe length in metres												
						1 LU	2 LU	3 LU	4 LU	8 LU	30 LU	60 LU	← Volume flow accord. W3 Diagr. 1 / gr. LU = 4					
						0.1 l/s	0.2 l/s	0.3 l/s	0.4 l/s	0.5 l/s	0.8 l/s	1.0 l/s	1.5 l/s	2.0 l/s	2.5 l/s	3.0 l/s	3.5 l/s	4.0 l/s
762.101.046 762.101.179	Elbow 90°			d16	6.3	2.25	2.70	3.00	3.20	-	-	-	-	-	-	-	-	-
				d20	8.7	-	4.60	5.10	5.50	5.80	6.55	-	-	-	-	-	-	-
				d25	5.2	-	3.25	3.60	3.90	4.10	4.60	4.90	-	-	-	-	-	-
				d32	11.0	-	-	9.30	10.00	10.55	11.90	12.55	13.90	14.95	-	-	-	-
762.101.180	Elbow 45°			d25	3.5	-	2.20	2.45	2.60	2.75	3.10	3.30	-	-	-	-	-	-
				d32	7.4	-	-	6.25	6.75	7.10	8.00	8.45	9.35	10.05	-	-	-	-
	Pipe bend 90° with (Hand) bending template			d16														
				d20														
				d25														
				d32														
	Pipe bend 45° with (Hand) bending template			d16														
				d20														
				d25														
				d32														
762.101.042 762.101.181	T-Pieces equal	Flow rate	V	d16	3.8	1.35	1.65	1.80	1.95	-	-	-	-	-	-	-	-	-
				d20	4.8	-	2.55	2.80	3.05	3.20	3.60	-	-	-	-	-	-	-
				d25	2.8	-	1.75	1.95	2.10	2.20	2.50	2.65	-	-	-	-	-	-
				d32	6.4	-	-	5.40	5.80	6.15	6.90	7.30	8.10	8.70	-	-	-	-
762.101.183 762.101.185 762.101.187	T-Pieces reduced	Flow rate	V	d20 x d16	3.1	1.10	1.35	1.45	1.60	-	-	-	-	-	-	-	-	-
				d25 x d16	2.5	0.90	1.05	1.20	1.25	-	-	-	-	-	-	-	-	-
				d25 x d20	3.4	-	1.80	2.00	2.15	2.25	2.55	-	-	-	-	-	-	-
				d32 x d16	2.5	0.90	1.05	1.20	1.25	-	-	-	-	-	-	-	-	-
				d32 x d20	3.4	-	1.80	2.00	2.15	2.25	2.55	-	-	-	-	-	-	-
				d32 x d25	2.6	-	1.65	1.80	1.95	2.05	2.30	2.45	-	-	-	-	-	-
762.101.042 762.101.181	T-Pieces equal	Branch	V	d16	6.4	2.30	2.75	3.05	3.25	-	-	-	-	-	-	-	-	-
				d20	9.5	-	5.05	5.60	6.00	6.35	7.15	-	-	-	-	-	-	-
				d25	5.5	-	3.45	3.80	4.10	4.35	4.90	5.15	-	-	-	-	-	-
				d32	12.4	-	-	10.50	11.25	11.90	13.40	14.15	15.70	16.85	-	-	-	-
762.101.183 762.101.185 762.101.187	T-Pieces reduced	Branch	V	d20 x d16	4.6	1.65	1.95	2.20	2.35	-	-	-	-	-	-	-	-	-
				d25 x d16	3.1	1.10	1.35	1.45	1.60	-	-	-	-	-	-	-	-	-
				d25 x d20	5.0	-	2.65	2.95	3.15	3.35	3.75	-	-	-	-	-	-	-
				d32 x d16	3.2	1.15	1.35	1.50	1.65	-	-	-	-	-	-	-	-	-
				d32 x d20	4.7	-	2.50	2.75	2.95	3.15	3.55	-	-	-	-	-	-	-
				d32 x d25	4.9	-	3.10	3.40	3.65	3.85	4.35	4.60	-	-	-	-	-	-
762.101.044 762.101.175	Coupling			d16	3.7	1.35	1.60	1.75	1.90	-	-	-	-	-	-	-	-	-
				d20	4.7	-	2.50	2.75	2.95	3.15	3.55	-	-	-	-	-	-	-
				d25	2.8	-	1.75	1.95	2.10	2.20	2.50	2.65	-	-	-	-	-	-
				d32	6.7	-	-	5.65	6.10	6.45	7.25	7.65	8.50	9.10	-	-	-	-
762.101.044 762.101.175 762.101.177	Reduction			d20 x d16	3.1	1.10	1.35	1.45	1.60	-	-	-	-	-	-	-	-	-
				d25 x d16	2.5	0.90	1.05	1.20	1.25	-	-	-	-	-	-	-	-	-
				d25 x d20	3.4	-	1.80	2.00	2.15	2.25	2.55	-	-	-	-	-	-	-
				d32 x d16	2.5	0.90	1.05	1.20	1.25	-	-	-	-	-	-	-	-	-
				d32 x d20	3.3	-	1.75	1.95	2.10	2.20	2.50	-	-	-	-	-	-	-
				d32 x d25	2.7	-	1.70	1.90	2.00	2.15	2.40	2.55	-	-	-	-	-	-