

Product Data Sheet

1. Flanged fittings

1.04 flanged pipes

Flanged spigot pipe with puddle flange (FM)

PN10/16

Material EN 1563 EN-GJS-400-15

Design Std. EN 545

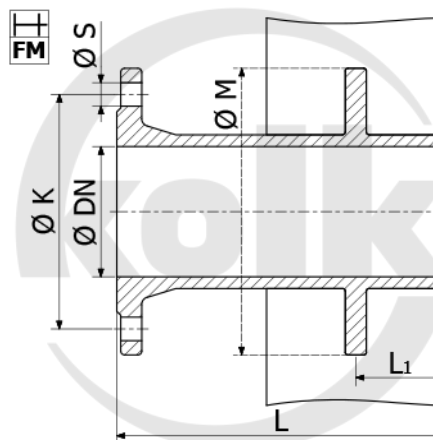
Coating Epoxy GSK RAL-GZ 662

Approval Kiwa BRL-K772/04



kiwa
GÜTEZEICHEN
SÜNDNER VERBODEN
VON ABWÄRTEN UND FÖRDERN

Kolk flanged fittings are made of ductile iron GJS-400/500 (DIN1693 GGG-40/50). Designed acc. to EN 545, flange drilling acc. to EN 1092-2 (ISO 7005-2). Epoxy coated (Resicoat®) acc. to EN 14901 (DIN 30677-2) and GSK certified (RAL-GZ 662). The table contains only the standard lengths. Non standard lengths and puddle flange positions are possible. The location of the puddle flange is not coated in order to facilitate good concrete bonding.



Flanged spigot pipe with puddle flange (FM) PN10/16

Article	Article Nr.	PN	ø DN [mm]	L [mm]	L1 [mm]	ø M [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	G [kg]				
FM 50, L= 400	1.04FM1.000010	PN10/16	50	400	100	165	4	125	19	10				
FM 50, L= 500	1.04FM1.000020	PN10/16	50	500	100	165	4	125	19	12				
FM 65, L= 400	1.04FM1.000030	PN10/16	65	400	100	175	4	145	19	13				
FM 65, L= 500	1.04FM1.000040	PN10/16	65	500	100	175	4	145	19	14				
FM 80, L= 400	1.04FM1.000050	PN10/16	80	400	100	200	8	160	19	15				
FM 80, L= 500	1.04FM1.000060	PN10/16	80	500	100	200	8	160	19	16				
FM 80, L= 600	1.04FM1.000070	PN10/16	80	600	100	200	8	160	19	18				
FM 100, L= 400	1.04FM1.010010	PN10/16	100	400	100	220	8	180	19	18				
FM 100, L= 500	1.04FM1.010020	PN10/16	100	500	100	220	8	180	19	20				
FM 100, L= 600	1.04FM1.010030	PN10/16	100	600	100	220	8	180	19	22				
FM 125, L= 400	1.04FM1.010040	PN10/16	125	400	100	250	8	210	19	22				
FM 125, L= 500	1.04FM1.010050	PN10/16	125	500	100	250	8	210	19	25				
FM 125, L= 600	1.04FM1.010060	PN10/16	125	600	100	250	8	210	19	28				
FM 150, L= 400	1.04FM1.010070	PN10/16	150	400	100	285	8	240	23	28				
FM 150, L= 500	1.04FM1.010080	PN10/16	150	500	100	285	8	240	23	31				
FM 150, L= 600	1.04FM1.010090	PN10/16	150	600	100	285	8	240	23	35				
FM 200, L= 400	1.04FM2.020010	PN10	200	400	100	340	8	295	23	39				
FM 200, L= 500	1.04FM2.020020	PN10	200	500	100	340	8	295	23	43				
FM 200, L= 600	1.04FM2.020030	PN10	200	600	100	340	8	295	23	48				
FM 250, L= 500	1.04FM2.020040	PN10	250	500	100	395	12	350	23	60				

Flanged spigot pipe with puddle flange (FM) PN10/16

Article	Article Nr.	PN	ø DN [mm]	L [mm]	L1 [mm]	ø M [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	G [kg]				
FM 250, L= 600	1.04FM2.020050	PN10	250	600	100	395	12	350	23	66				
FM 300, L= 500	1.04FM2.030010	PN10	300	500	100	445	12	400	23	78				
FM 300, L= 600	1.04FM2.030020	PN10	300	600	100	445	12	400	23	86				
FM 350, L= 500	1.04FM2.030030	PN10	350	500	100	505	16	460	23	92				
FM 350, L= 600	1.04FM2.030040	PN10	350	600	100	505	16	460	23	103				
FM 400, L= 500	1.04FM2.040010	PN10	400	500	100	565	16	515	28	110				
FM 400, L= 600	1.04FM2.040020	PN10	400	600	100	565	16	515	28	122				
FM 400, L= 700	1.04FM2.040030	PN10	400	700	150	565	16	515	28	134				
FM 400, L= 800	1.04FM2.040040	PN10	400	800	150	565	16	515	28	144				
FM 450, L= 500	1.04FM2.040050	PN10	450	500	100	615	20	565	28	130				
FM 450, L= 600	1.04FM2.040060	PN10	450	600	100	615	20	565	28	144				
FM 500, L= 500	1.04FM2.050010	PN10	500	500	100	670	20	620	28	150				
FM 500, L= 600	1.04FM2.050020	PN10	500	600	100	670	20	620	28	166				
FM 500, L= 700	1.04FM2.050030	PN10	500	700	150	670	20	620	28	184				
FM 500, L= 800	1.04FM2.050040	PN10	500	800	150	670	20	620	28	198				
FM 600, L= 500	1.04FM2.060010	PN10	600	500	100	780	20	725	31	205				
FM 600, L= 600	1.04FM2.060020	PN10	600	600	100	780	20	725	31	224				
FM 600, L= 700	1.04FM2.060030	PN10	600	700	150	780	20	725	31	240				
FM 600, L= 800	1.04FM2.060040	PN10	600	800	150	780	20	725	31	256				
FM 700, L= 500	1.04FM2.070010	PN10	700	500	100	895	24	840	31	268				
FM 700, L= 600	1.04FM2.070020	PN10	700	600	100	895	24	840	31	295				
FM 700, L= 700	1.04FM2.070030	PN10	700	700	150	895	24	840	31	320				
FM 700, L= 800	1.04FM2.070040	PN10	700	800	150	895	24	840	31	340				
FM 800, L= 500	1.04FM2.080010	PN10	800	500	100	1015	24	950	34	345				
FM 800, L= 600	1.04FM2.080020	PN10	800	600	100	1015	24	950	34	375				
FM 800, L= 700	1.04FM2.080030	PN10	800	700	150	1015	24	950	34	400				
FM 800, L= 800	1.04FM2.080040	PN10	800	800	150	1015	24	950	34	425				
FM 900, L= 500	1.04FM2.090010	PN10	900	500	100	1115	28	1050	34	410				
FM 900, L= 600	1.04FM2.090020	PN10	900	600	100	1115	28	1050	34	450				
FM 900, L= 700	1.04FM2.090030	PN10	900	700	150	1115	28	1050	34	480				
FM 900, L= 800	1.04FM2.090040	PN10	900	800	150	1115	28	1050	34	510				
FM 1000, L= 500	1.04FM2.100010	PN10	1000	500	100	1230	28	1160	37	510				
FM 1000, L= 600	1.04FM2.100020	PN10	1000	600	100	1230	28	1160	37	550				
FM 1000, L= 700	1.04FM2.100030	PN10	1000	700	150	1230	28	1160	37	586				
FM 1000, L= 800	1.04FM2.100040	PN10	1000	800	150	1230	28	1160	37	622				
FM 1200, L= 500	1.04FM2.120010	PN10	1200	500	100	1455	32	1380	41	680				
FM 1200, L= 600	1.04FM2.120020	PN10	1200	600	150	1455	32	1380	41	735				
FM 1200, L= 700	1.04FM2.120030	PN10	1200	700	150	1455	32	1380	41	785				
FM 1200, L= 800	1.04FM2.120040	PN10	1200	800	150	1455	32	1380	41	835				
FM 200, L= 400	1.04FM3.020010	PN16	200	400	100	340	12	295	23	39				
FM 200, L= 500	1.04FM3.020020	PN16	200	500	100	340	12	295	23	43				
FM 200, L= 600	1.04FM3.020030	PN16	200	600	100	340	12	295	23	48				
FM 250, L= 500	1.04FM3.020040	PN16	250	500	100	395	12	355	28	60				

Flanged spigot pipe with puddle flange (FM) PN10/16

Article	Article Nr.	PN	ø DN [mm]	L [mm]	L1 [mm]	ø M [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	G [kg]				
FM 250, L= 600	1.04FM3.020050	PN16	250	600	100	395	12	355	28	66				
FM 300, L= 500	1.04FM3.030010	PN16	300	500	100	445	12	410	28	78				
FM 300, L= 600	1.04FM3.030020	PN16	300	600	100	445	12	410	28	86				
FM 350, L= 500	1.04FM3.030030	PN16	350	500	100	505	16	470	28	92				
FM 350, L= 600	1.04FM3.030040	PN16	350	600	100	505	16	470	28	103				
FM 400, L= 500	1.04FM3.040010	PN16	400	500	100	565	16	525	31	110				
FM 400, L= 600	1.04FM3.040020	PN16	400	600	100	565	16	525	31	122				
FM 400, L= 700	1.04FM3.040030	PN16	400	700	150	565	16	525	31	144				
FM 400, L= 800	1.04FM3.040040	PN16	400	800	150	565	16	525	31	130				
FM 450, L= 500	1.04FM3.040050	PN16	450	500	100	615	20	585	31	144				
FM 450, L= 600	1.04FM3.040060	PN16	450	600	100	615	20	585	31	150				
FM 500, L= 500	1.04FM3.050010	PN16	500	500	100	670	20	650	34	166				
FM 500, L= 600	1.04FM3.050020	PN16	500	600	100	670	20	650	34	198				
FM 500, L= 700	1.04FM3.050030	PN16	500	700	150	670	20	650	34	205				
FM 500, L= 800	1.04FM3.050040	PN16	500	800	150	670	20	650	34	224				
FM 600, L= 500	1.04FM3.060010	PN16	600	500	100	780	20	770	37	240				
FM 600, L= 600	1.04FM3.060020	PN16	600	600	100	780	20	770	37	268				
FM 600, L= 700	1.04FM3.060030	PN16	600	700	150	780	20	770	37	295				
FM 600, L= 800	1.04FM3.060040	PN16	600	800	150	780	20	770	37	320				
FM 700, L= 500	1.04FM3.070010	PN16	700	500	100	895	24	840	37	345				
FM 700, L= 600	1.04FM3.070020	PN16	700	600	100	895	24	840	37	375				
FM 700, L= 700	1.04FM3.070030	PN16	700	700	150	895	24	840	37	410				
FM 700, L= 800	1.04FM3.070040	PN16	700	800	150	895	24	840	37	450				
FM 800, L= 500	1.04FM3.080010	PN16	800	500	100	1015	24	950	41	510				
FM 800, L= 600	1.04FM3.080020	PN16	800	600	100	1015	24	950	41	550				
FM 800, L= 700	1.04FM3.080030	PN16	800	700	150	1015	24	950	41	680				
FM 800, L= 800	1.04FM3.080040	PN16	800	800	150	1015	24	950	41	735				
FM 900, L= 500	1.04FM3.090010	PN16	900	500	100	1115	28	1050	41	835				
FM 900, L= 600	1.04FM3.090020	PN16	900	600	100	1115	28	1050	41	470				
FM 900, L= 700	1.04FM3.090030	PN16	900	700	150	1115	28	1050	41	500				
FM 900, L= 800	1.04FM3.090040	PN16	900	800	150	1115	28	1050	41	530				
FM 1000, L= 500	1.04FM3.100010	PN16	1000	500	100	1230	28	1170	44	540				
FM 1000, L= 600	1.04FM3.100020	PN16	1000	600	100	1230	28	1170	44	580				
FM 1000, L= 700	1.04FM3.100030	PN16	1000	700	150	1230	28	1170	44	615				
FM 1000, L= 800	1.04FM3.100040	PN16	1000	800	150	1230	28	1170	44	660				
FM 1200, L= 500	1.04FM3.120010	PN16	1200	500	100	1455	32	1390	50	720				
FM 1200, L= 600	1.04FM3.120020	PN16	1200	600	150	1455	32	1390	50	770				
FM 1200, L= 700	1.04FM3.120030	PN16	1200	700	150	1455	32	1390	50	820				
FM 1200, L= 800	1.04FM3.120040	PN16	1200	800	150	1455	32	1390	50	870				