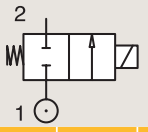
2/2 VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

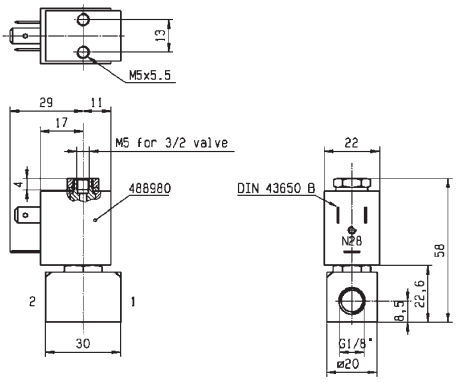
BRASS
PIPE MOUNTING
NORMALLY CLOSED



Port size (BSP)	Orifice Ø mm	Flow factors Kv l/min	KV m³/h	Qn m³/h	Operating Pressure Differential Min bar	Max(MOPD) AC bar	DC bar	Fluid Temp. Min °C	Max °C	Seat Seal	Valve Ref.	Housing Ref.	Coil Ref.	Power AC W	DC W	Coil Group	Dwg. No.
1/8"	1.5	0.9	0.05	70	0	20	12	-10	75	FKM	**121M14**	**8993**	**481180**	4	5	1.1	3382
	1.5	0.9	0.05	70	0	20	4	-10	75	FKM	**121M14**	**8993**	**488980**	2	2.5	1.1	3382
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	**E121K14**	**2995**	**481865**	8	9	2.0	3510
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	**E121K14**	**4270**	**481000**	8	8	2.0	3510
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	**E121K14**	**4270**	**486265**	14	14	2.0	3510
	2	2	0.12	125	0	10	7	-10	75	FKM	**121M13**	**8993**	**481180**	4	5	1.1	3382
	2	2	0.12	125	0	10	2.5	-10	75	FKM	**121M13**	**8993**	**488980**	2	2.5	1.1	3382
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	**E121K23**	**2995**	**481865**	8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	**E121K23**	**4270**	**481000**	8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	**E121K23**	**4270**	**486265**	14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	**121K1302**	**2995**	**481865**	8	9	2.0	3510
	3	4.5	0.27	320	0	10	8	-10	120	FKM	**121K1302**	**4270**	**481000**	8	8	2.0	3510
	3	4.5	0.27	320	0	10	10	-10	120	FKM	**121K1302**	**4270**	**486265**	14	14	2.0	3510
1/4"	1.2	0.85	0.05	50	0	80	36	-30	100	Ruby	**E121K65**	**2995**	**481865**	8	9	2.0	3510
	1.2	0.85	0.05	50	0	100	43	-30	130	Ruby	**E121K65**	**4270**	**481000**	8	8	2.0	3510
	1.2	0.85	0.05	50	0	100	75	-30	120	Ruby	**E121K65**	**4270**	**486265**	14	14	2.0	3510
	1.5	1.5	0.09	80	0	-	8	-20	75	PUR	**121K0497** [1]	**2995**	**482740**	-	1.6	6.0/8.0	8274
	1.5	1.5	0.09	80	0	-	8	-20	65	PUR	**121K0497** [1]	**2995**	**496125**	-	1.6	6.0/8.0	8274
	1.5	1.5	0.09	80	0	10	10	-20	75	PUR	**121K0497** [1]	**-**	**495900**	2.5	2	6.0/8.0	8274
	1.5	1.5	0.09	80	0	-	10	-20	75	PUR	**121K0497** [1]	**-**	**495910**	-	0.3-1.2	6.0/8.0	8274
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	**E121K04**	**2995**	**481865**	8	9	2.0	3510
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	**E121K04**	**4270**	**481000**	8	8	2.0	3510
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	**E121K04**	**4270**	**486265**	14	14	2.0	3510
	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	**E121K0402**	**2995**	**481865**	8	9	2.0/3.0	3510
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	**E121K0402**	**4270**	**481000**	8	8	2.0/3.0	3510
	1.5	1.5	0.09	80	0	60	25	-30	100	Ruby	**E121K67**	**2995**	**481865**	8	9	2.0	3510
	1.5	1.5	0.09	80	0	75	30	-30	130	Ruby	**E121K67**	**4270**	**481000**	8	8	2.0	3510
	1.5	1.5	0.09	80	0	100	55	-30	120	Ruby	**E121K67**	**4270**	**486265**	14	14	2.0	3510
	2.5	3.5	0.21	220	0	14	7	-10	100	FKM	**121K0706**	**2995**	**481865**	8	9	2.0	3510
	2.5	3.5	0.21	220	0	14	9	-10	120	FKM	**121K0706**	**4270**	**481000**	8	8	2.0	3510
	2.5	3.5	0.21	220	0	14	14	-10	120	FKM	**121K0706**	**4270**	**486265**	14	14	2.0	3510
	2.5	3.5	0.21	220	0	28	10	-30	75	PCTFE	**E121K07**	**2995**	**481865**	8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	75	PCTFE	**E121K07**	**4270**	**481000**	8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	75	PCTFE	**E121K07**	**4270**	**486265**	14	14	2.0	3510

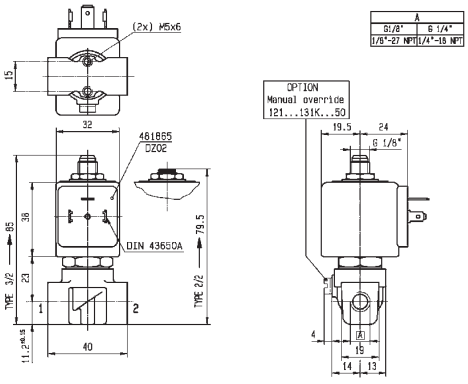
Notes:
1.If fluid is water, media temperature shall not exceed

For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.2	0.9	2.5	-30	-20
To	1/4"	3	4.5	100	130	50



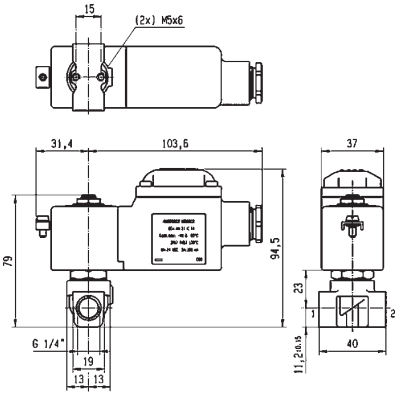


Drawing 3382





Drawing 3510



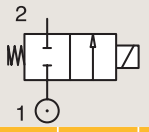


Drawing 8274

Parker Hannifin Corporation
Fluid Control Solutions Europe
General Catalogue FCSE/0110/UK V2.0 01/2020

2/2 VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

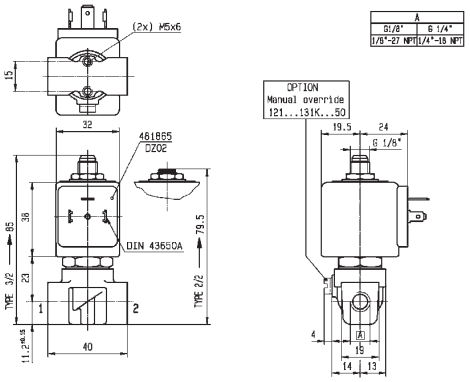
BRASS
PIPE MOUNTING
NORMALLY CLOSED



Port size (BSP)	Orifice Ø mm	Flow factors Kv l/min	KV m³/h	Qn m³/h	Operating Pressure Differential Min bar	Max(MOPD) AC bar	DC bar	Fluid Temp. Min °C	Max °C	Seat Seal	Valve Ref.	Housing Ref.	Coil Ref.	Power AC W	DC W	Coil Group	Dwg. No.
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	E121K63	2995	481865	8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	E121K63	4270	481000	8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	E121K63	4270	486265	14	14	2.0	3510
	3	3.5	0.21	250	0	-	2	-20	75	PUR	121K0397 [1]	2995	482740	-	1.6	6.0/8.0	8274
	3	3.5	0.21	250	0	-	2	-20	65	PUR	121K0397 [1]	2995	496125	-	1.6	6.0/8.0	8274
	3	3.5	0.21	250	0	4.5	4	-20	75	PUR	121K0397 [1]	-	495900	2.5	2	6.0/8.0	8274
	3	3.5	0.21	250	0	-	4.5	-20	75	PUR	121K0397 [1]	-	495910	-	0.3-1.2	6.0/8.0	8274
	3	4.5	0.27	320	0	20	7	-30	75	PCTFE	E121K03	2995	481865	8	9	2.0/3.0	3510
	3	4.5	0.27	320	0	25	8.5	-30	75	PCTFE	E121K03	4270	481000	8	8	2.0/3.0	3510
	3	4.5	0.27	320	0	36	15	-30	75	PCTFE	E121K03	4270	486265	14	14	2.0/3.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0302	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	4270	486265	14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0352 [2]	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0352 [2]	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	10	10	-10	120	FKM	E121K0352 [2]	4270	486265	14	14	2.0	3510
1/4"	3	4.5	0.27	320	0	20	7	-30	100	Ruby	E121K64	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	25	8.5	-30	130	Ruby	E121K64	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	36	15	-30	120	Ruby	E121K64	4270	486265	14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K02	2995	481865	8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K02	4270	481000	8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K02	4270	486265	14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K0250 [2]	2995	481865	8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K0250 [2]	4270	481000	8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K0250 [2]	4270	486265	14	14	2.0	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K01	2995	481865	8	9	2.0/14.2	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K01	4270	481000	8	8	2.0/14.2	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K01	4270	486265	14	14	2.0/14.2	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K01	2995	481865	8	9	2.0	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K01	4270	481000	8	8	2.0	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K01	4270	486265	14	14	2.0	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K0150 [2]	2995	481865	8	9	2.0	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K0150 [2]	4270	481000	8	8	2.0	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K0150 [2]	4270	486265	14	14	2.0	3510

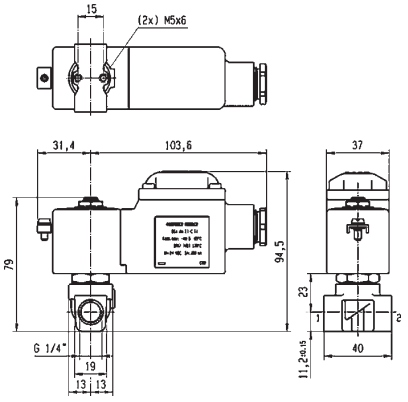
Notes:
1.If fluid is water, media temperature shall not exceed
2.With manual override

For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	2.5	3.5	2	-30	-20
To	1/4"	5	11	50	130	50





Drawing 3510

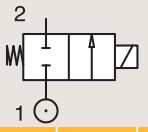




Drawing 8274

2/2 VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

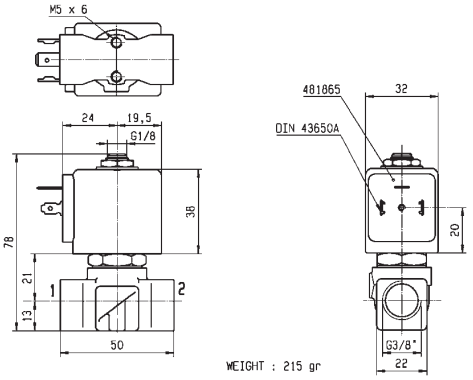
BRASS
PIPE MOUNTING
NORMALLY CLOSED



Port size (BSP)	Orifice Ø mm	Flow factors Kv l/min	KV m³/h	Qn m³/h	Operating Pressure Differential Min bar	Max(MOPD) AC bar	DC bar	Fluid Temp. Min °C	Max °C	Seat Seal	Valve Ref.	Housing Ref.	Coil Ref.	Power AC W	DC W	Coil Group	Dwg. No.
3/8"	4	7.5	0.45	480	0	10	4	-10	100	FKM	**121K3206**	**2995**	**481865**	8	9	2.0	3551
	4	7.5	0.45	480	0	10	5	-10	120	FKM	**121K3206**	**4270**	**481000**	8	8	2.0	3551
	4	7.5	0.45	480	0	10	10	-10	120	FKM	**121K3206**	**4270**	**486265**	14	14	2.0	3551
	5	11	0.66	750	0	7	2	-10	100	FKM	**121K3106**	**2995**	**481865**	8	9	2.0	3551
	5	11	0.66	750	0	7	2.8	-10	120	FKM	**121K3106**	**4270**	**481000**	8	8	2.0	3551
	5	11	0.66	750	0	7	5	-10	120	FKM	**121K3106**	**4270**	**486265**	14	14	2.0	3551
	6	12	0.72	1100	0	5	1.1	-10	100	FKM	**121K3306**	**2995**	**481865**	8	9	2.0/14.2	3551
	6	12	0.72	1100	0	5	1.5	-10	120	FKM	**121K3306**	**4270**	**481000**	8	8	2.0/14.2	3551
	6	12	0.72	1100	0	5	3	-10	120	FKM	**121K3306**	**4270**	**486265**	14	14	2.0/14.2	3551
1/2"	8.5	25	1.5	1600	0	1.1	0.5	-10	100	FKM	**E121K46**	**2995**	**481865**	8	9	2.0	3427
	8.5	25	1.5	1600	0	2.2	0.5	-10	120	FKM	**E121K46**	**4270**	**481000**	8	8	2.0	3427
	8.5	25	1.5	1600	0	4	1.2	-10	120	FKM	**E121K46**	**4270**	**486265**	14	14	2.0	3427
	11	36	2.16	2500	0	0.7	0.3	-10	100	FKM	**E121K45**	**2995**	**481865**	8	9	2.0	3427
	11	36	2.16	2500	0	1.2	0.35	-10	120	FKM	**E121K45**	**4270**	**481000**	8	8	2.0	3427
	11	36	2.16	2500	0	2.5	0.7	-10	120	FKM	**E121K45**	**4270**	**486265**	14	14	2.0	3427

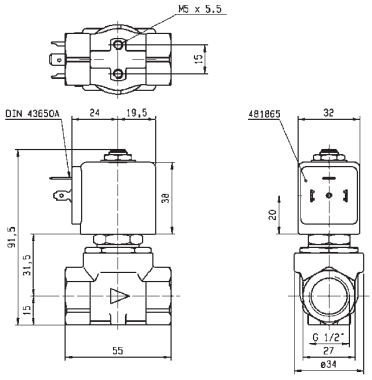
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	4	7.5	0.3	-10	-10
To	1/2"	11	36	10	120	50





Drawing 3551





Drawing 3427