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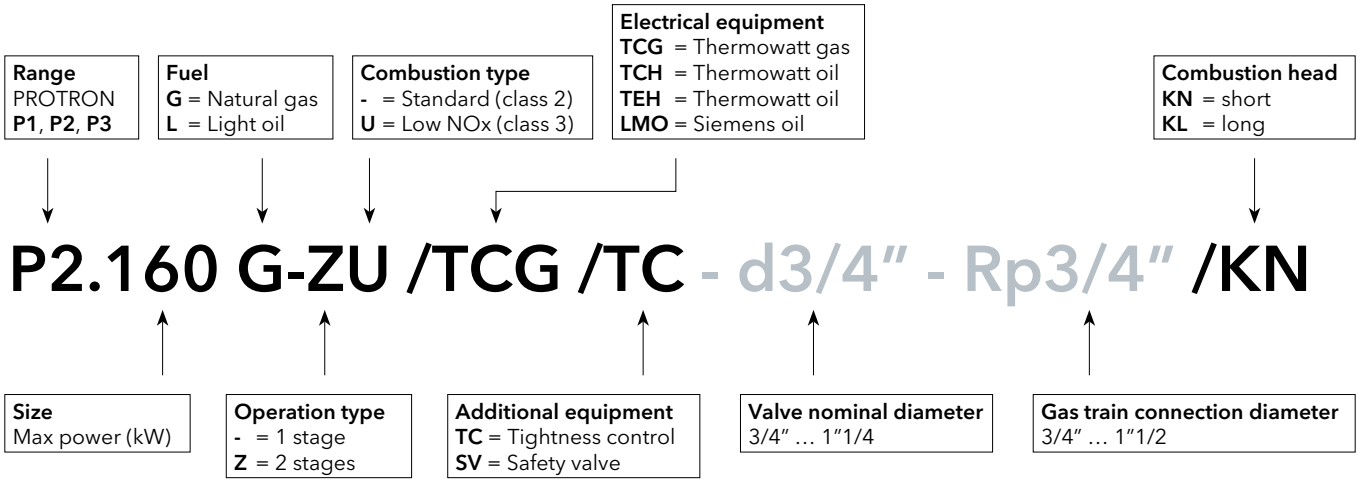
2015
INDUSTRY
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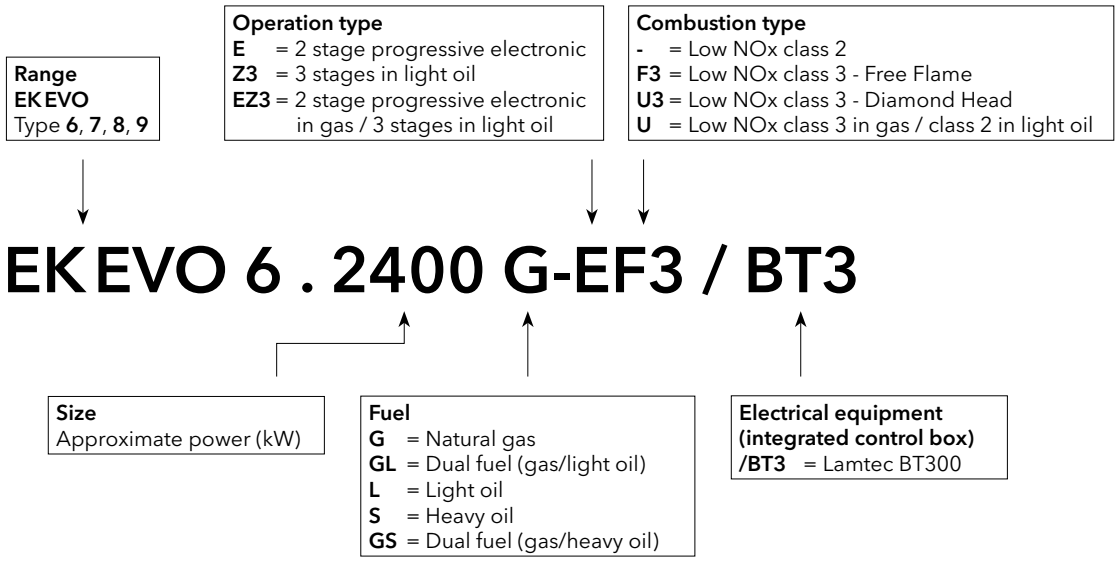
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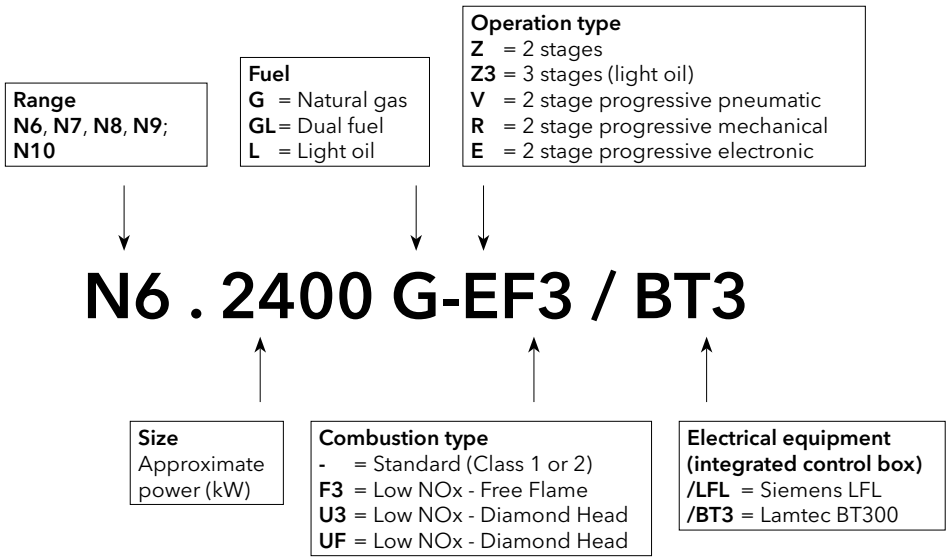
• PROTRON



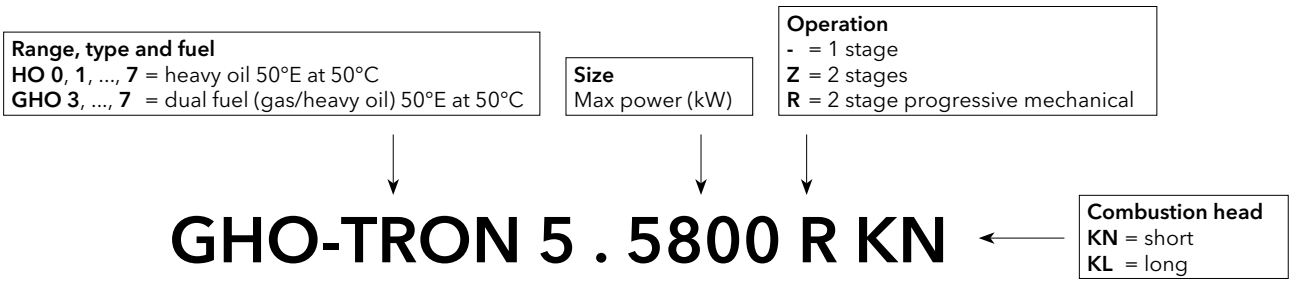
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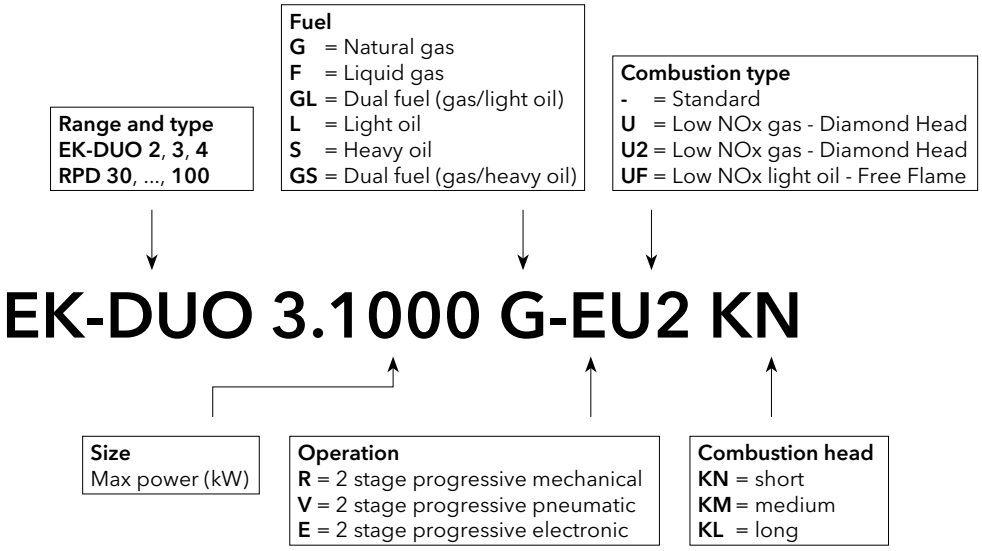
• NEXTRON, N10



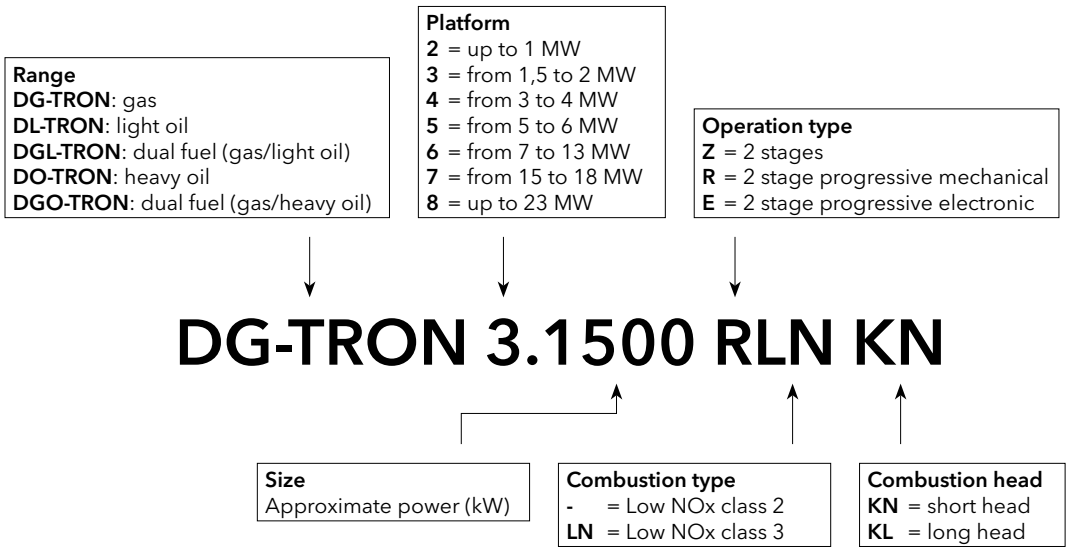
• HO-TRON, GHO-TRON



• EK-DUO, RPD



• D-TRON



• CUBIC RANGE

Special function programming options:	quick start
	pre-purge
	post-purge
	permanent ventilation

Model	Power (kW)	Head	Configuration	Gas Train	Complete burner code
P2.70 G /TCG	33 ... 70	T1/KN	(1) standard / no tightness control	d15 - 3/4" - Rp3/4"	3834168
		T1/KN	(2) tightness control	d16 - 3/4" - Rp3/4" TC	3834174
P2.70 G-Z /TCG	33 ... 70	T1/KN	(1) standard / no tightness control	d222 - 3/4" - Rp3/4"	3834206
		T1/KN	(2) tightness control	d223 - 3/4" - Rp3/4" TC	3834207
P2.70 G /TCG	33 ... 70	T2/KL	(1) standard / no tightness control	d15 - 3/4" - Rp3/4"	3834179
		T2/KL	(2) tightness control	d16 - 3/4" - Rp3/4" TC	3834180
P2.70 G-Z /TCG	33 ... 70	T2/KL	(1) standard / no tightness control	d222 - 3/4" - Rp3/4"	3834210
		T2/KL	(2) tightness control	d223 - 3/4" - Rp3/4" TC	3834211
P2.120 G /TCG	55 ... 130	T1/KN	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834175
		T1/KN	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834176
P2.120 G-U /TCG	70 ... 120	T1/KN	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834189
		T1/KN	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834190
P2.120 G-Z /TCG	55 ... 130	T1/KN	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834185
		T1/KN	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834205
P2.120 G-ZU /TCG	40 ... 120	T1/KN	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834216
		T1/KN	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834217
P2.120 G /TCG	55 ... 130	T2/KL	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834181
		T2/KL	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834182
P2.120 G-U /TCG	70 ... 120	T2/KL	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834191
		T2/KL	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834192
P2.120 G-Z /TCG	55 ... 130	T2/KL	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834212
		T2/KL	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834213
P2.120 G-ZU /TCG	40 ... 120	T2/KL	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834229
		T2/KL	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834230
P2.160 G /TCG	90 ... 180	T1/KN	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834177
		T1/KN	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834178
P2.160 G-U /TCG	100 ... 160	T1/KN	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834196
		T1/KN	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834197
P2.160 G-Z /TCG	90 ... 180	T1/KN	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834208
		T1/KN	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834209
P2.160 G-ZU /TCG	60 ... 160	T1/KN	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834218
		T1/KN	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834219
P2.160 G /TCG	90 ... 180	T2/KL	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834183
		T2/KL	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834188
P2.160 G-U /TCG	100 ... 160	T2/KL	(1) standard / no tightness control	d111 - 3/4" - Rp3/4"	3834198
		T2/KL	(2) tightness control	d112 - 3/4" - Rp3/4" TC	3834199
P2.160 G-Z /TCG	90 ... 180	T2/KL	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834214
		T2/KL	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834215
P2.160 G-ZU /TCG	60 ... 160	T2/KL	(1) standard / no tightness control	d231 - 3/4" - Rp3/4"	3834231
		T2/KL	(2) tightness control	d232 - 3/4" - Rp3/4" TC	3834232
P2.210 G-U /TCG	140 ... 210	T1/KN	(1) standard / no tightness control	d113 - 3/4" - Rp3/4"	3834200
		T1/KN	(2) tightness control	d114 - 3/4" - Rp3/4" TC	3834202
		T1/KN	(1) standard / no tightness control	d113 - 1"1/4 - Rp1"/4	3834243
		T1/KN	(2) tightness control	d113 - 1"1/4 - Rp1"/4 TC	3834244
P2.210 G-ZU /TCG	80 ... 210	T1/KN	(1) standard / no tightness control	d233 - 3/4" - Rp3/4"	3834220
		T1/KN	(2) tightness control	d234 - 3/4" - Rp3/4" TC	3834221
		T1/KN	(1) standard / no tightness control	d229 -1"1/4 - Rp 1"1/4	3834339
		T1/KN	(2) tightness control	d230 - 1"1/4 - Rp1"1/4 TC	3834340
P2.210 G-U /TCG	140 ... 210	T2/KL	(1) standard / no tightness control	d113 - 3/4" - Rp3/4"	3834201
		T2/KL	(2) tightness control	d114 - 3/4" - Rp3/4" TC	3834203
		T2/KL	(1) standard / no tightness control	d113 - 1"1/4 - Rp1"/4	3834245
		T2/KL	(2) tightness control	d113 - 1"1/4 - Rp1"/4 TC	3834246
P2.210 G-ZU /TCG	80 ... 210	T2/KL	(1) standard / no tightness control	d233 - 3/4" - Rp3/4"	3834233
		T2/KL	(2) tightness control	d234 - 3/4" - Rp3/4" TC	3834234
		T2/KL	(1) standard / no tightness control	d229 - 1"1/4 - Rp1"1/4	3834341
		T2/KL	(2) tightness control	d230 - 1"1/4 - Rp1"1/4 TC	3834342

• GUN RANGE

Model	Power (kW)	Head	Configuration	Gas Train	Complete burner code
P1.40 G-U /TCG	17 ... 48	T1/KN	(1) standard / no tightness control	d115 - 1/2" - Rp1/2" (MBC65)	**3143477**
			(1) standard / no tightness control	d130 - 3/8" - Rp1/2" (MB-DLE403)	**3143909**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143479**
		T2/KL	(1) standard / no tightness control	d115 - 1/2" - Rp1/2"	**3143478**
			(1) standard / no tightness control	d130 - 3/8" - Rp1/2"	**3143910**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143480**
P1.70 G-U /TCG	34 ... 70	T1/KN	(1) standard / no tightness control	d115 - 1/2" - Rp1/2"	**3143481**
			(1) standard / no tightness control	d130 - 3/8" - Rp1/2"	**3143911**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143483**
		T2/KL	(1) standard / no tightness control	d115 - 1/2" - Rp1/2"	**3143482**
			(1) standard / no tightness control	d130 - 3/8" - Rp1/2"	**3143912**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143484**
P1.105 G-U /TCG	49 ... 108	T1/KN	(1) standard / no tightness control	d117 - 3/4" - Rp3/4"	**3143485**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143487**
		T2/KL	(1) standard / no tightness control	d117 - 3/4" - Rp3/4"	**3143486**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143488**
P2.130 G-U /TCG	40 ... 120	T1/KN	(1) standard / no tightness control	d117 - 3/4" - Rp3/4"	**3143489**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143491**
		T2/KL	(1) standard / no tightness control	d117 - 3/4" - Rp3/4"	**3143490**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143492**
P2.170 G-U /TCG	55 ... 175	T1/KN	(1) standard / no tightness control	d128 - 3/4" - Rp3/4"	**3143493**
			(2) tightness control	d116-3/4" - Rp3/4" TC	**3143495**
		T2/KL	(1) standard / no tightness control	d128 - 3/4" - Rp3/4"	**3143494**
			(2) tightness control	d116-3/4" - Rp3/4" TC	**3143496**
P2.170 G-ZU /TCG	55 ... 175	T1/KN	(1) standard / no tightness control	d235 - 3/4" - Rp3/4"	**3143509**
			(2) tightness control	d236 - 3/4 - Rp3/4" TC	**3143511**
		T2/KL	(1) standard / no tightness control	d235 - 3/4 - Rp3/4"	**3143510**
			(2) tightness control	d236 - 3/4 - Rp3/4" TC	**3143512**
P2.250 G-U /TCG	55 ... 240	T1/KN	(1) standard / no tightness control	d128 - 3/4" - Rp3/4"	**3143497**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143499**
			(1) standard / no tightness control	d127 - 1"1/4 - Rp1"1/4	**3143894**
			(2) tightness control	d129 - 1"1/4 - Rp1"1/4 TC	**3143896**
		T2/KL	(1) standard / no tightness control	d128 - 3/4" - Rp3/4"	**3143498**
			(2) tightness control	d116 - 3/4" - Rp3/4" TC	**3143500**
			(1) standard / no tightness control	d127 - 1"1/4 - Rp1"1/4	**3143895**
			(2) tightness control	d129 - 1"1/4 - Rp1"1/4 TC	**3143897**
P2.250 G-ZU /TCG	55 ... 240	T1/KN	(1) standard / no tightness control	d235 - 3/4" - Rp3/4"	**3143513**
			(2) tightness control	d236 - 3/4" - Rp3/4" TC	**3143515**
			(1) standard / no tightness control	d239 - 1"1/4 - Rp1"1/4	**3143898**
			(2) tightness control	d240 - 1"1/4 - Rp1"1/4 TC	**3143900**
		T2/KL	(1) standard / no tightness control	d235 - 3/4" - Rp3/4"	**3143514**
			(2) tightness control	d236 - 3/4" - Rp3/4" TC	**3143516**
			(1) standard / no tightness control	d239 - 1"1/4 - Rp1"1/4	**3143899**
			(2) tightness control	d240 - 1"1/4 - Rp1"1/4 TC	**3143901**
P3.350 G-U /TCG	100 ... 350	T1/KN	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143501**
			(2) tightness control	d121 - 3/4" - Rp3/4" TC	**3143503**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143831**
			(2) tightness control	d123 - 1"1/4 - Rp1"1/4 TC	**3143832**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143839**
			(2) tightness control	d125 - 1"1/2 - Rp1"1/2 TC	**3143840**
		T2/KL	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143502**
			(2) tightness control	d121 - 3/4" - Rp3/4" TC	**3143504**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143833**
			(2) tightness control	d123 - 1"1/4 - Rp1"1/4 TC	**3143834**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143841**
			(2) tightness control	d125 - 1"1/2 - Rp1"1/2 TC	**3143842**

P3.350 G-ZU /TCG	100 ... 350	T1/KN	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143517**
			(2) tightness control	d238 - 3/4" - Rp3/4" TC	**3143519**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143847**
			(2) tightness control	d126 - 1"1/4 - Rp1"1/4 TC	**3143848**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143855**
			(2) tightness control	d127 - 1"1/2 - Rp1"1/2 TC	**3143856**
		T2/KL	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143518**
			(2) tightness control	d238 - 3/4" - Rp3/4" TC	**3143520**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143849**
			(2) tightness control	d126 - 1"1/4 - Rp1"1/4 TC	**3143850**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143857**
			(2) tightness control	d127 - 1"1/2 - Rp1"1/2 TC	**3143858**
P3.500 G-U /TCG	120 ... 500	T1/KN	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143505**
			(2) tightness control	d121 - 3/4" - Rp3/4" TC	**3143507**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143835**
			(2) tightness control	d123 - 1"1/4 - Rp1"1/4 TC	**3143836**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143843**
			(2) tightness control	d125 - 1"1/2 - Rp1"1/2 TC	**3143844**
		T2/KL	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143506**
			(2) tightness control	d121 - 3/4" - Rp3/4" TC	**3143508**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143837**
			(2) tightness control	d123 - 1"1/4 - Rp1"1/4 TC	**3143838**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143845**
			(2) tightness control	d125 - 1"1/2 - Rp1"1/2 TC	**3143846**
P3.500 G-ZU /TCG	120 ... 500	T1/KN	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143521**
			(2) tightness control	d238 - 3/4" - Rp3/4" TC	**3143523**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143851**
			(2) tightness control	d126 - 1"1/4 - Rp1"1/4 TC	**3143852**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143859**
			(2) tightness control	d127 - 1"1/2 - Rp1"1/2 TC	**3143860**
		T2/KL	(1) standard / no tightness control	d120 - 3/4" - Rp3/4"	**3143522**
			(2) tightness control	d238 - 3/4 - Rp3/4" TC	**3143524**
			(1) standard / no tightness control	d122 - 1"1/4 - Rp1"1/4	**3143853**
			(2) tightness control	d126 - 1"1/4 - Rp1"1/4 TC	**3143854**
			(1) standard / no tightness control	d124 - 1"1/2 - Rp1"1/2	**3143861**
			(2) tightness control	d127 - 1"1/2 - Rp1"1/2 TC	**3143862**

• CUBIC RANGE

Model	Power	Head size	Configuration	Complete burner code
P2.70 L /TCH	30 ... 70	T1/KN	standard	**3834256**
P2.70 L /TCH /SV			quick start + permanent ventilation	**3834257**
P2.70 L-Z /TCH	30 ... 70		standard	**3834291**
P2.70 L-Z /TCH /SV			quick start + permanent ventilation	**3834292**
P2.70 L /TCH	30 ... 70	T2/KL	standard	**3834268**
P2.70 L /TCH /SV			quick start + permanent ventilation	**3834269**
P2.70 L-Z /TCH	30 ... 70		standard	**3834294**
P2.70 L-Z /TCH /SV			quick start + permanent ventilation	**3834295**
P2.120 L /TCH	45 ... 140	T1/KN	standard	**3834186**
P2.120 L /TCH /SV			quick start + permanent ventilation	**3834258**
P2.120 L-Z /TCH	50 ... 140		standard	**3834187**
P2.120 L-Z /TCH /SV			quick start + permanent ventilation	**3834261**
P2.120 L /TCH	45 ... 140	T2/KL	standard	**3834270**
P2.120 L /TCH /SV			quick start + permanent ventilation	**3834271**
P2.120 L-Z /TCH	50 ... 140		standard	**3834264**
P2.120 L-Z /TCH /SV			quick start + permanent ventilation	**3834265**
P2.160 L /TCH	90 ... 175	T1/KN	standard	**3834266**
P2.160 L /TCH /SV			quick start + permanent ventilation	**3834267**
P2.160 L-Z /TCH	90 ... 175		standard	**3834262**
P2.160 L-Z /TCH /SV			quick start + permanent ventilation	**3834263**
P2.160 L /TCH	90 ... 175	T2/KL	standard	**3834272**
P2.160 L /TCH /SV			quick start + permanent ventilation	**3834273**
P2.160 L-Z /TCH	90 ... 175		standard	**3834278**
P2.160 L-Z /TCH /SV			quick start + permanent ventilation	**3834279**
P2.210 L /TCH	130 ... 210	T1/KN	standard	**3834259**
P2.210 L /TCH /SV			quick start + permanent ventilation	**3834260**
P2.210 L-Z /TCH	130 ... 210		standard	**3834276**
P2.210 L-Z /TCH /SV			quick start + permanent ventilation	**3834277**
P2.210 L /TCH	130 ... 210	T2/KL	standard	**3834274**
P2.210 L /TCH /SV			quick start + permanent ventilation	**3834275**
P2.210 L-Z /TCH	130 ... 210		standard	**3834280**
P2.210 L-Z /TCH /SV			quick start + permanent ventilation	**3834281**

• GUN RANGE

Model	Power	Head size	Configuration	Complete burner code
P1.40 L /TEH	18 ... 41	T1/KN	standard	**3143623**
P1.40 L /TEH /SV			quick start + permanent ventilation	**3143675**
P1.40 L /TEH	18 ... 41	T2/KL	standard	**3143624**
P1.40 L /TEH /SV			quick start + permanent ventilation	**3143676**
P1.60 L /TEH	20 ... 59	T1/KN	standard	**3143625**
P1.60 L /TEH /SV			quick start + permanent ventilation	**3143677**
P1.60 L /TEH	20 ... 59	T2/KL	standard	**3143626**
P1.60 L /TEH /SV			quick start + permanent ventilation	**3143678**
P1.105 L /TEH	47 ... 105	T1/KN	standard	**3143627**
P1.105 L /TEH /SV			quick start + permanent ventilation	**3143679**
P1.105 L /TEH	47 ... 105	T2/KL	standard	**3143628**
P1.105 L /TEH /SV			quick start + permanent ventilation	**3143680**
P2.130 L /TEH	60 ... 130	T1/KN	standard	**3143663**
P2.130 L /TEH /SV			quick start + permanent ventilation	**3143681**
P2.130 L /TEH	60 ... 130	T2/KL	standard	**3143664**
P2.130 L /TEH /SV			quick start + permanent ventilation	**3143682**
P2.190 L /TEH	73 ... 190	T1/KN	standard	**3143665**
P2.190 L /TEH /SV			quick start + permanent ventilation	**3143683**
P2.190 L-Z /LMO	77 ... 190		standard	**3143706**
P2.190 L /TEH	73 ... 190	T2/KL	standard	**3143666**
P2.190 L /TEH /SV			quick start + permanent ventilation	**3143684**
P2.190 L-Z /LMO	77 ... 190		standard	**3143707**
P2.240 L /TEH	86 ... 237	T1/KN	standard	**3143670**
P2.240 L /TEH /SV			quick start + permanent ventilation	**3143685**
P2.240 L /TEH	86 ... 237	T2/KL	standard	**3143671**
P2.240 L /TEH /SV			quick start + permanent ventilation	**3143686**
P2.300 L /TEH	110 ... 319	T1/KN	standard	**3143673**
P2.300 L /TEH /SV			quick start + permanent ventilation	**3143687**
P2.300 L-Z /LMO	102 ... 300		standard	**3143704**
P2.300 L /TEH	110 ... 319	T2/KL	standard	**3143674**
P2.300 L /TEH /SV			quick start + permanent ventilation	**3143688**
P2.300 L-Z /LMO	102 ... 300		standard	**3143705**
P3.430 L-Z /TCG /SV	166 ... 427	T1/KN	quick start + permanent ventilation	**3143724**
P3.430 L-Z /TEH /SV		T2/KL	quick start + permanent ventilation	**3143725**
P3.550 L-Z /TCG /SV	202 ... 546	T1/KN	quick start + permanent ventilation	**3143728**
P3.550 L-Z /TEH /SV		T2/KL	quick start + permanent ventilation	**3143729**

• TWO STAGE PROGRESSIVE ELECTRONIC

Model	Configuration	Power (kW)	Control	Head	Complete burner code
EK EVO 6.2400 G-E/BT3	body + head + switch box	390 ... 2650	BT 300	KN	3752745
				KL	3752753
EK EVO 6.2900 G-E/BT3	body + head + switch box	400 ... 3200	BT 300	KN	3752746
				KL	3752754
EK EVO 7.3600 G-E/BT3	body + head + switch box	580 ... 4300	BT 300	KN	3752747
				KL	3752755
EK EVO 7.4500 G-E/BT3	body + head + switch box	680 ... 5400	BT 300	KN	3752748
				KL	3752756
EK EVO 8.5800 G-E/BT3	body + head + switch box	620 ... 6580	BT 300	KN	3753965
				KL	3753982
EK EVO 8.7100 G-E/BT3	body + head + switch box	610 ... 8150	BT 300	KN	3753966
				KL	3753983
EK EVO 9.8700 G-E/BT3	body + head + switch box	780 ... 9700	BT 300	KN	3753967
				KL	3753984
EK EVO 9.10400 G-E/BT3	body + head + switch box	850 ... 11200	BT 300	KN	3753968
				KL	3753985

• TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx class 3

Model	Configuration	Power (kW)	Control	Head	Complete burner code
EK EVO 6.2400 G-EF3/BT3	body + head + switch box	340 ... 2500	BT 300	KN	3754046
				KL	3754054
EK EVO 6.2900 G-EF3/BT3	body + head + switch box	340 ... 2900	BT 300	KN	3754047
				KL	3754055
EK EVO 7.3600 G-EF3/BT3	body + head + switch box	470 ... 3980	BT 300	KN	3754048
				KL	3754056
EK EVO 7.4500 G-EF3/BT3	body + head + switch box	510 ... 4280	BT 300	KN	3754049
				KL	3754057
EK EVO 8.5800 G-EU3/BT3	body + head + switch box	750 ... 6550	BT 300	KN	3753969
				KL	3753986
EK EVO 8.7100 G-EU3/BT3	body + head + switch box	700 ... 7680	BT 300	KN	3753970
				KL	3753987
EK EVO 9.8700 G-EU3/BT3	body + head + switch box	850 ... 8500	BT 300	KN	3753971
				KL	3753988
EK EVO 9.10400 G-EU3/BT3	body + head + switch box	900 ... 10500	BT 300	KN	3753972
				KL	3753989

• TWO STAGE PROGRESSIVE ELECTRONIC IN GAS / THREE STAGES IN LIGHT OIL

Model	Configuration	Power (kW)	Control	Head	Code
EK EVO 6.2400 GL-EZ3/BT3	body + head + switch box	300 ... 2740	BT 340	KN	**on request**
				KL	**on request**
EK EVO 6.2900 GL-EZ3/BT3	body + head + switch box	300 ... 3050	BT 340	KN	**on request**
				KL	**on request**
EK EVO 7.3600 GL-EZ3/BT3	body + head + switch box	300 ... 3900	BT 340	KN	**on request**
				KL	**on request**
EK EVO 7.4500 GL-EZ3/BT3	body + head + switch box	410 ... 4350	BT 340	KN	**on request**
				KL	**on request**

• TWO STAGE PROGRESSIVE, MECHANICAL WITH TIGHTNESS CONTROL ACCESSORY

Model	Power (kW)	Head	Complete burner Code
N6.2400 G-R/LFL/VPM	390 ... 2500	KN	14092357
N6.2900 G-R/LFL/VPM	400 ... 3000	KN	14094590
N7.3600 G-R/LFL/VPM	580 ... 4100	KN	14092368
N7.4500 G-R/LFL/VPM	680 … 5000	KN	14092379

• TWO STAGE PROGRESSIVE PNEUMATIC

Model	Power (kW)	Head	Burner Body Code	Combustion Head Code
N6.2400 G-V/LFL	390 ... 2500	KN	3750218	3750238
		KL		3750240
		KM		3750239
N6.2900 G-V/LFL	400 ... 3000	KN	3750219	3750238
		KL		3750240
		KM		3750239
N7.3600 G-V/LFL	580 ... 4100	KN	3750220	3750241
		KL		3750243
		KM		3750242
N7.4500 G-V/LFL	680 … 5000	KN	3750221	3750241
		KL		3750243
		KM		3750242

• TWO STAGE PROGRESSIVE PNEUMATIC, Low NOx class 3

Model	Power (kW)	Head	Burner Body Code	Combustion Head Code
N6.2400 G-VF3/LFL	340 ... 2300	KN	3750222	3750244
		KL		3750246
		KM		3750245
N6.2900 G-VF3/LFL	360 ... 2850	KN	3750223	3750244
		KL		3750246
		KM		3750245
N7.3600 G-VF3/LFL	500 ... 3900	KN	3750224	3750247
		KL		3750249
		KM		3750248
N7.4500 G-VF3/LFL	600 … 4200	KN	3750225	3750250
		KL		3750252
		KM		3750251

• TWO STAGE PROGRESSIVE ELECTRONIC

Model	Power (kW)	Head	Complete burner code
N6.2400 G-E/BT3	390 ... 2500	KN	3752475
		KM	3752476
		KL	3752477
N6.2900 G-E/BT3	400 ... 3000	KN	3752481
		KM	3752277
		KL	3752482
N7.3600 G-E/BT3	580 ... 4100	KN	3752486
		KM	3752487
		KL	3752488
N7.4500 G-E/BT3	680 ... 5000	KN	3752492
		KM	3752493
		KL	3752494
N8.5800 G-E/BT3	740 ... 6570	KN	3752498
		KM	3752499
		KL	3752500
N8.7100 G-E/BT3	800 ... 7800	KN	3752288
		KM	3752504
		KL	3752505
N9.8700 G-E/BT3	880 ... 9200	KN	3752573
		KM	3752574
		KL	3752575
N9.10400 G-E/BT3	960 ... 11200	KN	3752579
		KM	3752580
		KL	3752581

• TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx class 3

Model	Power (kW)	Head	Complete burner code
N6.2400 G-EF3/BT3	340 ... 2300	KN	3752478
		KM	3752479
		KL	3752480
N6.2900 G-EF3/BT3	360 ... 2850	KN	3752483
		KM	3752484
		KL	3752485
N7.3600 G-EF3/BT3	500 ... 3900	KN	3752489
		KM	3752490
		KL	3752491
N7.4500 G-EF3/BT3	600 ... 4200	KN	3752495
		KM	3752496
		KL	3752497
N8.5800 G-EU3/BT3	640 ... 5800	KN	3752501
		KM	3752502
		KL	3752503
N8.7100 G-EU3/BT3	700 ... 7100	KN	3752506
		KM	3752571
		KL	3752572
N9.8700 G-EU3/BT3	850 ... 8530	KN	3752576
		KM	3752577
		KL	3752578
N9.10400 G-EU3/BT3	900 ... 10200	KN	3752267
		KM	3752582
		KL	3752583

• TWO STAGE PROGRESSIVE MECHANICAL IN GAS / THREE STAGES IN LIGHT OIL

Model	Power (kW)	Head	Burner body Code	Combustion head Code
N6.2400 GL-RZ3/LFL	290 … 2550	KN	3750414	3750418
		KM		3750422
		KL		3750426
N6.2900 GL-RZ3/LFL	290 … 2950	KN	3750415	3750419
		KM		3750423
		KL		3750427
N7.3600 GL-RZ3/LFL	300 … 3600	KN	3750416	3750420
		KM		3750424
		KL		3750428
N7.4500 GL-RZ3/LFL	410 … 4350	KN	3750417	3750421
		KM		3750425
		KL		3750429

• TWO STAGE PROGRESSIVE ELECTRONIC IN GAS AND IN LIGHT OIL

Model	Power (kW)	Head	Burner body Code	Combustion head Code
N6.2400 GL-E/BT3	250 ... 2230	KN	3750560	3750628
		KM		3750627
		KL		3750626
N6.2900 GL-E/BT3	320 … 2970	KN	3750573	3750631
		KM		3750630
		KL		3750629
N7.3600 GL-E/BT3	490 … 3650	KN	3750586	3750646
		KM		3750645
		KL		3750644
N7.4500 GL-E/BT3	510 … 4750	KN	3750599	3750649
		KM		3750648
		KL		3750647
N8.5800 GL-E/BT3	800 … 5350	KN	3750610	3750664
		KM		3750663
		KL		3750662
N8.7100 GL-E/BT3	820 … 7340	KN	3750614	3750667
		KM		3750666
		KL		3750665
N9.8700 GL-E/BT3	880 … 8530	KN	3750622	3750676
		KM		3750675
		KL		3750674
N9.10400 GL-E/BT3	910 … 10620	KN	3750618	3750679
		KM		3750678
		KL		3750677

• TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx Class 3 IN GAS AND IN LIGHT OIL

Model	Power (kW)	Head	Burner body Code	Combustion head Code
N6.2400 GL-EF3/BT3	280 … 1920	KN	3750561	3750634
		KM		3750633
		KL		3750632
N6.2900 GL-EF3/BT3	340 ... 2890	KN	3750574	3750637
		KM		3750636
		KL		3750635
N7.3600 GL-EF3/BT3	470 ... 3980	KN	3750587	3750652
		KM		3750651
		KL		3750650
N7.4500 GL-EF3/BT3	510 … 4500	KN	3750600	3750655
		KM		3750654
		KL		3750653
N8.5700 GL-EF3/BT3	830 … 6450	KN	3751388	3750673
		KM		3750672
		KL		3750671
N9.6500 GL-EF3/BT3	860 … 6950	KN	3751389	3750685
		KM		3750684
		KL		3750683
N9.8700 GL-EUF/BT3	1040 … 8500	KN	3751472	3751476
		KM		3751477
		KL		3751478
N9.10400 GL-EUF/BT3	1160 … 9570	KN	3751473	3751479
		KM		3751480
		KL		3751481

• TWO STAGE PROGRESSIVE ELECTRONIC

Model	Power (kW)	Head	Burner body Code	Combustion head Code
N6.2400 L-E/BT3	510 … 2030	KN	3750568	3750688
		KM		3750687
		KL		3750686
N6.2900 L-E/BT3	650 ... 3100	KN	3750581	3750691
		KM		3750690
		KL		3750689
N7.3600 L-E/BT3	900 … 3850	KN	3750594	3750706
		KM		3750705
		KL		3750704
N7.4500 L-E/BT3	1300 … 4900	KN	3750607	3750709
		KM		3750708
		KL		3750707
N8.5800 L-E/BT3	1350 … 5350	KN	3750612	3750724
		KM		3750723
		KL		3750722
N8.7100 L-E/BT3	1470 … 7340	KN	3750616	3750727
		KM		3750726
		KL		3750725
N9.8700 L-E/BT3	2400 … 8530	KN	3750624	3750736
		KM		3750735
		KL		3750734
N9.10400 L-E/BT3	2820 … 10620	KN	3750620	3750739
		KM		3750738
		KL		3750737

• TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx Class 3

Model	Power (kW)	Head	Burner body Code	Combustion head Code
N6.2400 L-EF3/BT3	360 … 1850	KN	3750569	3750694
		KM		3750693
		KL		3750692
N6.2900 L-EF3/BT3	480 … 2950	KN	3750582	3750697
		KM		3750696
		KL		3750695
N7.3600 L-EF3/BT3	680 … 4070	KN	3750595	3750712
		KM		3750711
		KL		3750710
N7.4500 L-EF3/BT3	740 ... 4820	KN	3750608	3750715
		KM		3750714
		KL		3750713
N8.5700 L-EF3/BT3	1100 … 6450	KN	3751407	3751482
		KM		3751483
		KL		3751484
N9.6500 L-EF3/BT3	1200 … 6600	KN	3751408	3751485
		KM		3751486
		KL		3751487
N9.8700 L-EUF/BT3	1800 … 8500	KN	3751494	3751488
		KM		3751489
		KL		3751490
N9.10400 L-EUF/BT3	2550 … 9570	KN	3751495	3751491
		KM		3751492
		KL		3751493

• **GAS**, TWO STAGE PROGRESSIVE ELECTRONIC - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 G-E/ETO	1500 … 12000	KN	on request
		KM	on request
		KL	on request
N10.14000 G-E/ETO	1750 … 14000	KN	on request
		KM	on request
		KL	on request
N10.16000 G-E/ETO	2000 … 16000	KN	on request
		KM	on request
		KL	on request

• **GAS**, TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx Class 3 - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 G-EU2/ETO	1500 … 12000	KN	on request
		KM	on request
		KL	on request
N10.14000 G-EU2/ETO	1750 … 14000	KN	on request
		KM	on request
		KL	on request
N10.16000 G-EU2/ETO	2000 … 16000	KN	on request
		KM	on request
		KL	on request

• **DUAL FUEL (GAS/LIGHT OIL)**, TWO STAGE PROGRESSIVE ELECTRONIC - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 GL-E/ETO	1300 … 12000	KN	on request
		KM	on request
		KL	on request

• **DUAL FUEL (GAS/LIGHT OIL)**, TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx Class 3 - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 GL-EUF/ETO	1300 … 12000	KN	on request
		KM	on request
		KL	on request

• **LIGHT OIL**, TWO STAGE PROGRESSIVE ELECTRONIC - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 L-E/ETO	3600 … 12000	KN	on request
		KM	on request
		KL	on request

• **LIGHT OIL**, TWO STAGE PROGRESSIVE ELECTRONIC, Low NOx Class 3 - Supplied with terminal box

Model	Power (kW)	Head	Complete burner Code
N10.12000 L-EUF/ETO	3000 … 12000	KN	on request
		KM	on request
		KL	on request
N10.14000 L-EUF/ETO	3300 … 14000	KN	on request
		KM	on request
		KL	on request
N10.16000 L-EUF/ETO	3800 … 16000	KN	on request
		KM	on request
		KL	on request

• ONE STAGE (Heavy oil 50°E at 50°C)

Model	Power (kW)	Head	Complete burner Code
HO-TRON 0.135	68 ... 136	KN	3142568
		KL	3142569
HO-TRON 0.225	108 ... 227	KN	3142570
		KL	3142571
HO-TRON 1.350	170 ... 340	KN	on request
		KL	on request

• TWO STAGES (Heavy oil 50°E at 50°C)

Model	Power (kW)	Head	Complete burner Code
HO-TRON 1.350 Z	205 ... 410	KN	on request
		KL	on request
HO-TRON 2.580 Z	205 ... 570	KN	3142671
		KL	on request
HO-TRON 2.930 Z	464 ... 930	KN	3142672
		KL	3142215
HO-TRON 2.1400 Z	682 ... 1395	KN	3142673
		KL	3143193
HO-TRON 3.1700 Z	682 ... 1700	KN	3142675
		KL	3143194
HO-TRON 3.2100 Z	682 ... 2093	KN	3142441
		KL	3142677
HO-TRON 4.3000 Z	1000 ... 3000	KN	3142678
		KL	3142679
HO-TRON 4.3900 Z3	1300 ... 3900	KN	3142680
		KL	3142681

• TWO STAGE PROGRESSIVE MECHANICAL (Heavy oil 50°E at 50°C)

Model	Power (kW)	Head	Complete burner Code
HO-TRON 4.3000 R	1000 ... 3000	KN	on request
		KL	on request
HO-TRON 4.3900 R	1300 ... 3900	KN	on request
		KL	on request
HO-TRON 5.5000 R	1578 ... 5000	KN	3143183
		KL	on request
HO-TRON 5.5800 R	1795 ... 5800	KN	on request
		KL	on request
HO-TRON 6.7200 R	1500 ... 7500	KN	on request
HO-TRON 6.8500 R	2000 ... 8500	KN	3143166
HO-TRON 6.10500 R	2500 ... 10500	KN	on request
HO-TRON 6.13000 R	2700 ... 13000	KN	3142911
HO-TRON 7.15000 R	3690 ... 15000	KN	on request
HO-TRON 7.17000 R	4000 ... 17000	KN	on request

• TWO STAGES (Heavy oil 50°E at 50°C)

Model	Gas train	Gas pressure	Burner body		Complete gas train
			KN	KN	
GHO-TRON 3.2100 Z	DN80	35 … 700	on request	on request	codes on request
	DN65	55 … 700			
	2"	100 … 600			

• TWO STAGE PROGRESSIVE MECHANICAL (Heavy oil 50°E at 50°C)

Model	Gas train	Gas pressure	Burner body		Complete gas train
			KN	KN	
GHO-TRON 4.3000 R	DN100	22 … 700	on request	on request	codes on request
	DN80	35 … 700			
	DN65	55 … 700			
	2"	100 … 600			
GHO-TRON 4.3900 R	DN100	30 … 700	on request	on request	codes on request
	DN80	50 … 700			
	DN65	90 … 700			
	2"	170 … 600			
GHO-TRON 5.5000 R	DN125	35 … 700	on request	on request	codes on request
	DN100	45 … 700			
	DN80	75 … 700			
	DN65	140 … 700			
	2"	250 … 600			
GHO-TRON 5.5800 R	DN125	50 … 700	on request	on request	codes on request
	DN100	60 … 700			
	DN80	100 … 700			
	DN65	180 … 700			
	2"	340 … 600			
GHO-TRON 6.7200 R	DN125	60 … 700	on request	-	codes on request
	DN100	75 … 700			
	DN80	140 … 700			
	DN65	280 … 700			
GHO-TRON 6.8500 R	DN125	85 … 700	on request	-	codes on request
	DN100	110 … 700			
	DN80	210 … 700			
	DN65	410 … 700			
GHO-TRON 6.10500 R	DN125	115 … 700	on request	-	codes on request
	DN100	165 … 700			
	DN80	290 … 700			
	DN65	550 … 700			
GHO-TRON 6.13000 R	DN150	160 … 700	on request	-	codes on request
	DN125	175 … 700			
	DN100	230 … 700			
	DN80	420 … 700			
GHO-TRON 7.15000 R	DN150	125 … 700	on request	-	codes on request
	DN125	150 … 700			
	DN100	230 … 700			
	DN80	450 … 700			
GHO-TRON 7.17000 R	DN150	175 … 700	on request	-	codes on request
	DN125	210 … 700			
	DN100	330 … 700			

• GAS, TWO STAGE PROGRESSIVE ELECTRONIC

Model		Power (kW)	Complete burner
Standard	Low NOx class 3		Code
EK-DUO 2.550 G-E	EK-DUO 2.550 G-EU2	600 ... 6500	on request
EK-DUO 2.700 G-E	EK-DUO 2.700 G-EU2	650 ... 7000	on request
EK-DUO 3.850 G-E	EK-DUO 3.850 G-EU2	900 ... 8300	on request
EK-DUO 3.1000 G-E	EK-DUO 3.1000 G-EU2	1000 ... 11000	on request
EK-DUO 4.1300 G-E	EK-DUO 4.1300 G-EU2	1750 ... 13000	on request
EK-DUO 4.1600 G-E	EK-DUO 4.1600 G-EU2	2000 ... 16000	on request

• DUAL FUEL (GAS/LIGHT OIL), TWO STAGE PROGRESSIVE ELECTRONIC

Model		Power (kW)	Complete burner
Standard	Low NOx class 3		Code
EK-DUO 2.550 GL-E	EK-DUO 2.550 GL-EUF	600 ... 6000	on request
EK-DUO 2.700 GL-E	EK-DUO 2.700 GL-EUF	650 ... 7800	on request
EK-DUO 3.850 GL-E	EK-DUO 3.850 GL-EUF	900 ... 9500	on request
EK-DUO 3.1000 GL-E	EK-DUO 3.1000 GL-EUF	1000 ... 12000	on request
EK-DUO 4.1300 GL-E	EK-DUO 4.1300 GL-EUF	1750 ... 13000	on request
EK-DUO 4.1600 GL-E	EK-DUO 4.1600 GL-EUF	2000 ... 16000	on request

• LIGHT OIL, TWO STAGE PROGRESSIVE ELECTRONIC

Model		Power (kW)	Complete burner
Standard	Low NOx class 3		Code
EK-DUO 2.550 L-E	EK-DUO 2.550 L-EUF	600 ... 6200	on request
EK-DUO 2.700 L-E	EK-DUO 2.700 L-EUF	650 ... 7800	on request
EK-DUO 3.850 L-E	EK-DUO 3.850 L-EUF	900 ... 9250	on request
EK-DUO 3.1000 L-E	EK-DUO 3.1000 L-EUF	1000 ... 12000	on request
EK-DUO 4.1300 L-E	EK-DUO 4.1300 L-EUF	1750 ... 13000	on request
EK-DUO 4.1600 L-E	EK-DUO 4.1600 L-EUF	2000 ... 16000	on request

• TWO STAGE PROGRESSIVE MECHANICAL / ELECTRONIC

Model	Max Output [kW] (air at 20°C)					Operation		Low NOx	
	Gas	Gas/Light Oil	Light Oil	Heavy Oil	Gas/Heavy Oil	Mechanical	Electronic	Gas	Gas/Light Oil
RPD 30	6042	6042	6042	6042	6042	•	•	•	•
RPD 40	8230	8230	8230	8230	8230	•	•	•	•
RPD 50	11160	11160	11160	11160	11160	•	•	•	•
RPD 60	14511	14511	15418	14511	14511	•	•	•	•
RPD 70	20470	20470	20636	20470	20470	•	•	•	•
RPD 80	34500	30350	31938	30350	30350	•	•	•	•
RPD 90	42000	42000	42000	42000	42000	•	•	•	•
RPD 100	45000	45000	45000	45000	45000	•	•	•	•

Codes on request
Higher power outputs and special fuels version available on request according to feasibility

MECHANICAL VERSIONS

Terminal box with burner controller in a separate box

• NATURAL GAS (Class 2)

Model	Code
DG-TRON 2.1000 Z KN	3143794
DG-TRON 2.1000 R KN	on request
DG-TRON 3.2100 Z KN	3143795
DG-TRON 3.2100 R KN	3143796
DG-TRON 4.3000 R KN	3143797
DG-TRON 4.3900 R KN	3143798
DG-TRON 5.5800 R KN	3143800
DG-TRON 6.8500 R KN	on request
DG-TRON 6.10500 R KN	3143801
DG-TRON 6.13000 R KN	on request
DG-TRON 7.17000 R KN	3143803
DG-TRON 8.22000 R KN	on request
DG-TRON 9.34000 R KN	on request

• DUAL FUEL (NATURAL GAS/LIGHT OIL)

Model		Code
DGL-TRON 2.1000 Z	Oil pump on board	on request
DGL-TRON 2.1400 Z		on request
DGL-TRON 3.2100 Z		on request
DGL-TRON 3.2100 R		on request
DGL-TRON 4.3000 R		on request
DGL-TRON 4.3900 R		on request
DGL-TRON 5.5800 R		on request
DGL-TRON 6.8500 R	Separated oil pumping unit (not included)	on request
DGL-TRON 6.10500 R		on request
DGL-TRON 6.13000 R		on request
DGL-TRON 7.17000 R		on request
DGL-TRON 8.22000 R		on request
DGL-TRON 9.34000 R		on request

• LIGHT OIL

Model		Code
DL-TRON 3.2100 Z	Oil pump on board	on request
DL-TRON 3.2100 R		on request
DL-TRON 4.3000 R		on request
DL-TRON 4.3900 R		on request
DL-TRON 5.5800 R		on request
DL-TRON 6.8500 R	Separated oil pumping unit (not included)	on request
DL-TRON 6.10500 R		on request
DL-TRON 6.13000 R		on request
DL-TRON 7.17000 R		on request
DL-TRON 8.22000 R		on request
DL-TRON 9.34000 R		on request

ELECTRONIC VERSIONS

Terminal box with burner controller in a separate box

• NATURAL GAS (Class 2)

Model	Code
DG-TRON 2.1000 E KN	on request
DG-TRON 3.2150 E KN	on request
DG-TRON 4.3000 E KN	on request
DG-TRON 4.3900 E KN	on request
DG-TRON 5.5800 E KN	on request
DG-TRON 6.8500 E KN	on request
DG-TRON 6.10500 E KN	on request
DG-TRON 6.13000 E KN	on request
DG-TRON 7.17000 E KN	on request
DG-TRON 8.22000 E KN	on request
DG-TRON 9.34000 E KN	on request

• DUAL FUEL (NATURAL GAS/LIGHT OIL)

Model		Code
DGL-TRON 3.2100 E	Oil pump on board	on request
DGL-TRON 4.3000 E		on request
DGL-TRON 4.3900 E		on request
DGL-TRON 5.5800 E		on request
DGL-TRON 6.8500 E	Separated oil pumping unit (not included)	on request
DGL-TRON 6.10500 E		on request
DGL-TRON 6.13000 E		on request
DGL-TRON 7.17000 E		on request
DGL-TRON 8.22000 E		on request
DGL-TRON 9.34000 E		on request

• BURNER ACCESSORIES

OIL NOZZLES FOR MODULATING BURNER	Delivery (kg/h)
For burner DL/DGL/DGO-TRON from 3.2100 to 6.13000	100-150-200-250-300-350-400-450-500-600 700-800-900-1000-1100*
For burner DL/DGL/DGO-TRON from 7.17000 to 8.22000	1100-1200-1300-1400-1500-1600-1800-2000*

*other deliveries available on request

OIL SEPARATE PUMPING UNIT
Pumping unit 800
Pumping unit 1000
Pumping unit 1800
Pumping unit 2300

• GAS TRAINS FOR EK EVO/NEXTRON 6-7 gas and dual fuel, mechanical version

Gas Train	Designation	Code
Dungs*	d551-1"1/4	3750503
	d552-1"1/2	3750504
	d553-2"	3750505
	d554-65	3750506
	d555-80	3750507
	d556-100	3750508
Siemens	s551-1"1/2	3750519
	s552-2"	3750520
	s553-65	3750521
	s554-80	3750522
	s555-100	3750523
	s556-125	3750524

• GAS TRAINS FOR EK EVO/NEXTRON 6-7 gas and dual fuel, pneumatic version

Gas Train	Designation	Code
Siemens	s351-1"1/2	3750531
	s352-2"	3750532
	s353-65	3750533
	s354-80	3750534
	s355-100	3750535
	s356-125	3750536

• GAS TRAINS FOR EK EVO/NEXTRON 6-7 gas and dual fuel, electronic version

Gas Train	Designation	Code
Dungs*	d451-1"1/4	3750509
	d452-1"1/2	3750510
	d453-2"	3750511
	d454-65	3750512
	d455-80	3750513
	d456-100	3750514
Siemens	s451-1"1/2	3750525
	s452-2"	3750526
	s453-65	3750527
	s454-80	3750528
	s455-100	3750529
	s456-125	3750530

• GAS TRAINS FOR EK EVO/NEXTRON 8-9 gas and dual fuel, electronic version

Gas Train	Designation	Code
Dungs*	d457-2"	3750515
	d458-65	3750516
	d459-80	3750517
	d460-100	3750518
Siemens	s457-2"	3750537
	s458-65	3750538
	s459-80	3750539
	s460-100	3750540
	s461-125	3750541

***: Dungs gas trains 1"1/4 … 2" integrated filter**

• GAS FILTERS

Designation	Code
Rp1"1/4	3750542
Rp1"1/2	3750543
Rp2"	3750544
DN65	3750545
DN80	3750546
DN100	3750547
DN125	3750548

• VGD GAS TRAINS FOR N10 gas and dual fuel (EN676 configuration)

Gas train	Type	Code
s2"-Rp2"	Gas train in threaded design - Basic version	14002773
s2"-DN65		14002784
s65-DN80	Gas train in flanged design - Basic version	14002795
s80-DN100		14002806
s100-DN125		14002817

Accessories	Type	Code
VPS504 S04 (s2")	Integrated leakage controller	1478836259
VDK200 (s65 … s100)	Integrated leakage controller	3333284117
GW50 A5	Leakage control with gas pressure switch for G-E/G-EU2	1768853009
GW150 A5		1768853010
GW500 A5		1768853021

• VGD GAS TRAINS FOR N10 gas and dual fuel (EN676 Export configuration)

Gas train	Type	Code
s1"1/2-Rp2"	Gas train in threaded design - Basic version	1478839010
s2"-Rp2"1/2		1478839021
s65-DN80	Gas train in flanged design - Basic version	1478839032
s80-DN100		1478839043

Accessories	Type	Code
VPS504 S04 (s1"1/2 and s2")	Integrated leakage controller	1478836259
VDK200 (s65 and s80)	Integrated leakage controller	3333284117
GW50 A5	Leakage control with gas pressure switch for G-E/G-EU2 burners	1768853009
GW150 A5		1768853010
GW500 A5		1768853021

• VGD GAS TRAINS FOR GHO-TRON (EN676 EXPORT configuration)

Gas Train	Type	Code
GT-2"	VGD20.503	on request
GT-DN65	VGD40.065	on request
GT-DN80	VGD40.080	on request
GT-DN100	VGD40.100	on request
GT-DN125	VGD40.125	on request

Filter	Code
RP50 - 2"	on request
DN65 - 2"1/2	on request
DN80 - 3"	on request
DN100 - 4"	on request
DN125 - 5"	on request

Gas train connection	Burners	Code
GTCP RP50 platform 2-3-4	GHO-Tron 2-3-4 with GT-2"	on request
GTCP reducer from DN80 to DN65 platform 2-3-4	GHO-Tron 2-3-4 with GT-DN65	on request
GTCP reducer from DN100 to DN80 platform 4-5	GHO-Tron 4-5 with GT-DN100	on request
GTCP reducer from DN125 to DN80 platform 5	GHO-Tron 5 with GT-DN125	on request

Description		Type	Code
Piping for gas train	3/4"	kit	3720429
	1"	kit	3720430
	1"1/4	kit	3720430 + adaptor
"American joint" (up to 130 kW burner)		kit	on request
Snorkel air inlet composite	cubic only	kit	13018822
Snorkel air inlet metal	cubic only	kit	3832708
	gun	kit	on request
Air inlet special W&P	cubic only	kit	3721065
Connection for remote reset	cubic only	kit	13011486
	gun	kit	on request
Connection for cooling sightglass	cubic only	kit	12056459
Special gasket for adjusting flange angle	cubic only	accessory	13021414
Gas connection flat for P2	cubic only	accessory	3720999
Wieland connector male 7 pins		kit	13016494
Wieland connector male 7 pins + male 4 pins		kit	13016496
Ball valve with integrated thermic release valve	GT20 KD40 - Rp3/4"	accessory	1478736179
	GT20 KD40 - Rp1"	accessory	1478736180
Combustion head length MIWE (270 mm)	cubic only	configuration	on request
Special combustion head length		configuration	on request
IRD for Thermowatt BCU		configuration	on request
IP 54		configuration	on request
IP 65	special full cover	configuration	on request
60 Hz		configuration	on request
PC interface kit communication		kit	3833018
Max gas pressure switch with support		kit	3833903

BURNER VARIANTS (options already mounted in factory)

• LEM/LCM MODULE (for communication, O_2 control, frequency converter)

Description	Code
Module mounted in factory, requested for O_2 control, Variatron and communication buses connections (note: only one LEM/LCM module is necessary for these 3 options)	**3751645**

• MODULATING OPERATION

Description	Code
RS55 (Regulator RWF55 + instruction manual) Mounted in factory on the switch cabinet – to be connected to the appropriate probe (see "KITS" section)	**3751646**

Available also on request as separate KIT

• FREQUENCY CONVERTER ARRANGEMENT

Burner prepared to be connected to an external frequency converter; this variant includes the VSM module to control the frequency converter. LEM/LCM module must be order separately. For frequency converter models selection see "KITS" section.

Description	Code
EK EVO 6.2400 G-E/-EF3/BT3 prepared for an external FC of 3,0 kW	**3751673**
EK EVO 6.2900 G-E/-EF3/BT3 prepared for an external FC of 4,0 kW	**3751674**
EK EVO 7.3600 G-E/BT3 prepared for an external FC of 5,5 kW	**3751675**
EK EVO 7.3600 G-EF3 and EK EVO 7.4500 G-E/-EF3/BT3 prepared for an external FC of 7,5 kW	**3751676**
EK EVO 8.5800 G-E/-EF3/BT3 prepared for an external FC of 11,0 kW	**3754025**
EK EVO 8.7100 G-E/-EF3/BT3 prepared for an external FC of 15,0 kW	**3754026**
EK EVO 9.8700 G-E/-EF3/BT3 prepared for an external FC of 18,5 kW	**3754027**
EK EVO 9.10400 G-E/-EF3/BT3 prepared for an external FC of 22 kW	**3754028**

• PED EQUIPMENT

Equipment of the gas train and the burner body for continuous operation (PED):
- controller and flame sensor approved for permanent operation;
- max gas pressure switch, on the gas train;
- test burner (to bleed the gas train);
- PED Conformity Declaration.

Note: if required, the antivibrating coupling (to avoid mechanical tension) has to be selected as option.

Description		Code
PED EK EVO 6/7 G-E/BT3 /st	for Siemens threaded gas trains	**3751653**
PED EK EVO 6/7 G-E/BT3 /sf	for Siemens flanged gas trains	**3751654**
PED EK EVO 6/7 G-E/BT3 /dt	for Dungs threaded gas trains	**3751655**
PED EK EVO 6/7 G-E/BT3 /df	for Dungs flanged gas trains	**3751656**
PED EK EVO 6/7 G-EF3/BT3 /st	for Siemens threaded gas trains	**on request**
PED EK EVO 6/7 G-EF3/BT3 /sf	for Siemens flanged gas trains	**on request**
PED EK EVO 6/7 G-EF3/BT3 /dt	for Dungs threaded gas trains	**on request**
PED EK EVO 6/7 G-EF3/BT3 /df	for Dungs flanged gas trains	**on request**
PED EK EVO 8/9 G-E/-EF3/BT3 /st	for Siemens threaded gas trains	**3754010**
PED EK EVO 8/9 G-E/-EF3/BT3 /sf	for Siemens flanged gas trains	**3754011**
PED EK EVO 8/9 G-E/-EF3/BT3 /dt	for Dungs threaded gas trains	**3754019**
PED EK EVO 8/9 G-E/-EF3/BT3 /df	for Dungs flanged gas trains	**3754020**

• MAX GAS PRESSURE SWITCH (mounted on the gas train)

Description		Code
EK EVO 6/7 G-E/-EF3/BT3 /st	for Siemens threaded gas trains	**3751669**
EK EVO 6/7 G-E/-EF3/BT3 /sf	for Siemens flanged gas trains	**3751670**
EK EVO 6/7 G-E/-EF3/BT3 /dt	for Dungs threaded gas trains	**3751671**
EK EVO 6/7 G-E/-EF3/BT3 /df	for Dungs flanged gas trains	**3751672**
EK EVO 8/9 G-E/-EF3/BT3 /st	for Siemens threaded gas trains	**3754021**
EK EVO 8/9 G-E/-EF3/BT3 /sf	for Siemens flanged gas trains	**3754022**
EK EVO 8/9 G-E/-EF3/BT3 /dt	for Dungs threaded gas trains	**3754023**
EK EVO 8/9 G-E/-EF3/BT3 /df	for Dungs flanged gas trains	**3754024**

• STAR/DELTA MOTOR STARTER

Description	Code
Star/Delta 3,0 G/BT3 for EK EVO 6.2400 G-E/-EF3/BT3	**3751649**
Star/Delta 4,0 G/BT3 for EK EVO 6.2900 G-E/-EF3/BT3	**3751650**
Star/Delta 5,5 G/BT3 for EK EVO 7.3600 G-E/BT3	**3751651**
Star/Delta 7,5 G/BT3 for EK EVO 7.3600 G-EF3 and EK EVO 7.4500 G-E/-EF3/BT3	**3751652**

SPECIAL CONFIGURATION (on request)

Equipment according EN746-2, permanent ventilation, 60 Hz versions, remote display (BT3xx), separate switch box / terminal strip version (Etamatic OEM), LGP firing, hinge flange, "Burner ON" feedback signal.
Other special requests can be submitted to Your Sales Reference for feasability evaluation.

BURNER KITS (delivered separately)

• O_2/CO REGULATION

Device for adjustment of the combustion air excess in order to compensate any variations in the calorific value of the fuel, in the temperature and in the pressure of the combustion air. The regulator is installed in a dedicated electrical panel separate from the burner near the probe that measures the level of oxygen in the fumes. The calibration of the probe does not require a reference gas, the correction curve is defined in the dedicated equipment for acquisition and processing of signals and then sent to the control unit BT3xx via the external module LEM.
The correction of the air excess value is carried out on the position of the air damper and the fan speed controller ensuring a high and constant thermal efficiency during the whole heating season. The value of air excess is immediately displayed on the screen as a percentage.

Description		Code
Kit for O_2 and CO control (delivered separately) Warning: LEM/LCM module is requested	Kit O2 LT2/LS2 / 300 mm	**3751129**
	Kit O2/CO LT2/KS1 / 300 mm	**3751128**

• REMOTE SOFTWARE

Description		Code
Kit to connect a PC laptop to the BT300 for its parametrization	LSA100 + USB/CAN + CD-Rom	**3751130**

• COMMUNICATION MODULES

Description		Code
Module for external installation Warning: LEM/LCM module is requested	ModBus/BT3	**available on request**
	ProfiBus/BT3	**3752986**
	Ethernet/BT3	**in progress**

• POWER REGULATOR

Description	Code
Power regulator RWF55 stand-alone and kit wiring	**3753358**

• PROBES

Description		Code
Immersion probe	130°C + pocket tube	**3750070**
	Pt 100 - 400°C (160 mm)	**1758574269**
	Pt 100 - 480°C (250 mm)	**3751009**
Pressure probe	0…1,6 bar	**3752217**
	0…2,5 bar	**1758713722**
	0…6 bar	**1758640660**
	0…10 bar	**1758577280**
	0…16 bar	**1758577291**
	0…25 bar	**3751015**

• EXTERNAL AIR INLET CONNECTION KIT

Description	Code
Connection for external air channel EK EVO 6/7	**3752987**
Connection for external air channel EK EVO 8/9	**3754031**

• ANTI-VIBRATION COUPLING

Designation		Type	Code
OP-AVC MRp1"	Male threaded	Accessory	**3751018**
OP-AVC MRp1"1/2		Accessory	**3751019**
OP-AVC MRp2"		Accessory	**3751020**
OP-AVC DN40-10bar	Flanged, 10 bar working maximum gas pressure	Accessory	**3751021**
OP-AVC DN50-10bar		Accessory	**3751022**
OP-AVC DN65-10bar		Accessory	**3751023**
OP-AVC DN80-10bar		Accessory	**3751024**
OP-AVC DN100-10bar		Accessory	**3751025**
OP-AVC DN125-10bar		Accessory	**3751026**
OP-AVC DN150-10bar		Accessory	**3751027**

• (GAS) BALL VALVE

Description		Type	Code
OP-GBV FRp1/2"-1bar	Female threaded, 1 bar working maximum gas pressure	Accessory	**3751028**
OP-GBV FRp3/4"-1bar		Accessory	**3751029**
OP-GBV FRp1"-1bar		Accessory	**3751030**
OP-GBV FRp1"1/2-1bar		Accessory	**3751031**
OP-GBV FRp2"-1bar		Accessory	**3751032**
OP-GBV DN40-16bar	Flanged, 16 bar working maximum gas pressure	Accessory	**3751033**
OP-GBV DN50-16bar		Accessory	**3751034**
OP-GBV DN65-16bar		Accessory	**3751035**
OP-GBV DN80-16bar		Accessory	**3751036**
OP-GBV DN100-16bar		Accessory	**3751037**
OP-GBV DN125-16bar		Accessory	**3751038**
OP-GBV DN150-16bar		Accessory	**3751039**

• BLIND DOOR

Door of the switch cabinet without any component. The switches and the power regulator (if required) are mounted inside the switch cabinet.

Description	Burners	Type	Code
OP-SCBD N6/N7 G/L	for N6/N7 gas and light oil	Variant	**3751411**
OP-SCBD N6/N7 GL	for N6/N7 dual fuel	Variant	**3751412**
OP-SCBD N8/N9 G/L	for N8/N9 gas and light oil	Variant	**3751119**
OP-SCBD N8/N9 GL	for N8/N9 dual fuel	Variant	**3751413**

• COMMUNICATION MODULES

Modules mounted into the switch cabinet – Warning: add to it the LEM/LCM module for the burner equipped with the BT300

Description	Burners	Type	Code
OP-ModBus/BT3	for N6...9 equipped with BT300	Variant	**3750076**
OP-ProfiBus/BT3	for N6...9 equipped with BT300	Variant	**3750142**
OP-Ethernet/BT3	for N6...9 equipped with BT300	Variant	**3750143**

• COUNTER FACE PLATE

Description	Burners	Type	Code
OP-CP11	for N6	Accessory	**3833908**
OP-CP12	for N7	Accessory	**3833909**
OP-CP13	for N8	Accessory	**3833910**
OP-CP14	for N9	Accessory	**3833911**

• LEM/LCM MODULE

Module mounted in factory, requested for O_2 control, Variatron and communication buses connections
Notice: only one LEM/LCM module is neccessary for these three options, but it is already included in the GL-E../BT3 burners

Description	Burners	Type	Code
OP-LEM/LCM N6/9	for N6...9 gas and light oil equipped with BT300	Variant	**3751118**

• O_2/CO control

Kit delivered separatly for O_2 and CO control (warning: add to it the LEM/LCM module)

Description	Burners	Type	Code
OP-Kit O2 LT2/LS2/300mm ETO/BT3	Kit O_2 for electronic gas burners with Etamatic OEM or BT300	Kit	**3751129**
OP-Kit O2/CO LT2/KS1/300mm ETO/BT3	Kit O_2/CO for electronic gas burners with Etamatic OEM or BT300	Kit	**3751128**

• MAXIMUM GAS PRESSURE SWITCH

Mounted in factory on the gas and dual fuel burners

Description	Burners	Type	Code
OP-Max GPS N6/7 G-R/-V/-VF3, GL-RZ3 /st	N6/N7 G-R/V/VF3 GL-RZ3 for Siemens threaded gas trains	Variant	**3751080**
OP-Max GPS N6/7 G-R/-V/-VF3, GL-RZ3 /sf	N6/N7 G-R/V/VF3 GL-RZ3 for Siemens flanged gas trains	Variant	**3751081**
OP-Max GPS N6/7 G-R, GL-RZ3 /dt	N6/N7 G-R/V/VF3 GL-RZ3 for Dungs threaded gas trains	Variant	**3751082**
OP-Max GPS N6/7 G-R, GL-RZ3 /df	N6/N7 G-R/V/VF3 GL-RZ3 for Dungs flanged gas trains	Variant	**3751083**
OP-Max GPS N6/7 G/GL BT3 /st	N6/N7 G/GL BT3 for Siemens threaded gas trains	Variant	**3751088**
OP-Max GPS N6/7 G/GL BT3 /sf	N6/N7 G/GL BT3 for Siemens flanged gas trains	Variant	**3751089**
OP-Max GPS N6/7 G/GL BT3 /dt	N6/N7 G/GL BT3 for Dungs threaded gas trains	Variant	**3751090**
OP-Max GPS N6/7 G/GL BT3 /df	N6/N7 G/GL BT3 for Dungs flanged gas trains	Variant	**3751091**
OP-Max GPS N8/9 G/GL BT3 /st	N8/N9 G-E/EU3, GL-E/EF3 for Siemens threaded gas trains	Variant	**3751124**
OP-Max GPS N8/9 G/GL BT3 /sf	N8/N9 G-E/EU3, GL-E/EF3 for Siemens flanged gas trains	Variant	**3751125**
OP-Max GPS N8/9 G/GL BT3 /dt	N8/N9 G-E/EU3, GL-E/EF3 for Dungs threaded gas trains	Variant	**3751126**
OP-Max GPS N8/9 G/GL BT3 /df	N8/N9 G-E/EU3, GL-E/EF3 for Dungs flanged gas trains	Variant	**3751127**
OP-Max GPS N6-9 G/GL TB /st	N6 to N9 G-E with terminal box for Siemens threaded gas trains	Variant	**3751076**
OP-Max GPS N6-9 G/GL TB /sf	N6 to N9 G-E with terminal box for Siemens flanged gas trains	Variant	**3751077**
OP-Max GPS N6-9 G/GL TB /dt	N6 to N9 G-E with terminal box for Dungs threaded gas trains	Variant	**3751078**
OP-Max GPS N6-9 G/GL TB /df	N6 to N9 G-E with terminal box for Dungs flanged gas trains	Variant	**3751079**

• PED EQUIPMENT

Equipment of the gas train and the burner body for continuous operation (PED):
• controller and flame sensor approved for permanent operation;
• max gas pressure switch, on the gas train;
• test burner (to bleed the gas train);
• PED Conformity Declaration.
Note: if required, the antivibrating coupling (to avoid mechanical tension has to be selected as option.

Description	Burners	Type	Code
OP-PED N6/7 G-R/st	N6/N7 G-R for Siemens threaded gas trains	Variant	**3750315**
OP-PED N6/7 G-R/sf	N6/N7 G-R for Siemens flanged gas trains	Variant	**3750413**
OP-PED N6/7 G-R/dt	N6/N7 G-R for Dungs threaded gas trains	Variant	**3750746**
OP-PED N6/7 G-R/df	N6/N7 G-R for Dungs flanged gas trains	Variant	**3750747**
OP-PED N6/7 G-V/st	N6/N7 G-V for Siemens threaded gas trains	Variant	**3750752**
OP-PED N6/7 G-V/sf	N6/N7 G-V for Siemens flanged gas trains	Variant	**3750753**
OP-PED N6/7 G-VF3/st	N6/N7 G-VF3 for Siemens threaded gas trains	Variant	**3750756**
OP-PED N6/7 G-VF3/sf	N6/N7 G-VF3 for Siemens flanged gas trains	Variant	**3750757**
OP-PED N6/7 GL-RZ3/st	N6/N7 GL-RZ3 for Siemens threaded gas trains	Variant	**3750760**
OP-PED N6/7 GL-RZ3/sf	N6/N7 GL-RZ3 for Siemens flanged gas trains	Variant	**3750761**
OP-PED N6/7 GL-RZ3/dt	N6/N7 GL-RZ3 for Dungs threaded gas trains	Variant	**3750762**
OP-PED N6/7 GL-RZ3/df	N6/N7 GL-RZ3 for Dungs flanged gas trains	Variant	**3750763**
OP-PED N8/9 G-E/BT3 /st	N8/N9 G-E/BT3 for Siemens threaded gas trains	Variant	**3751120**
OP-PED N8/9 G-E/BT3 /sf	N8/N9 G-E/BT3 for Siemens flanged gas trains	Variant	**3751121**
OP-PED N8/9 G-E/BT3 /dt	N8/N9 G-E/BT3 for Dungs threaded gas trains	Variant	**3751122**
OP-PED N8/9 G-E/BT3 /df	N8/N9 G-E/BT3 for Dungs flanged gas trains	Variant	**3751123**
OP-PED N6/7 G-E/BT3 /st	N6/N7 G-E/BT3 for Siemens threaded gas trains	Variant	**3750768**
OP-PED N6/7 G-E/BT3 /sf	N6/N7 G-E/BT3 for Siemens flanged gas trains	Variant	**3750769**
OP-PED N6/7 G-E/BT3 /dt	N6/N7 G-E/BT3 for Dungs threaded gas trains	Variant	**3750770**
OP-PED N6/7 G-E/BT3 /df	N6/N7 G-E/BT3 for Dungs flanged gas trains	Variant	**3750771**
OP-PED N6/7 G-EF3 BT3/st	N6/N7 G-EF3/BT3 for Siemens threaded gas trains	Variant	**3750772**
OP-PED N6/7 G-EF3 BT3/sf	N6/N7 G-EF3/BT3 for Siemens flanged gas trains	Variant	**3750773**
OP-PED N6/7 G-EF3 BT3/dt	N6/N7 G-EF3/BT3 for Dungs threaded gas trains	Variant	**3750873**
OP-PED N6/7 G-EF3 BT3/df	N6/N7 G-EF3/BT3 for Dungs flanged gas trains	Variant	**3751058**
OP-PED N6/7 GL-E/EZ3 BT3/st	N6/N7 GL-E/EZ3/BT3 for Siemens threaded gas trains	Variant	**3751059**
OP-PED N6/7 GL-E/EZ3 BT3/sf	N6/N7 GL-E/EZ3/BT3 for Siemens flanged gas trains	Variant	**3751060**
OP-PED N6/7 GL-E/EZ3 BT3/dt	N6/N7 GL-E/EZ3/BT3 for Dungs threaded gas trains	Variant	**3751061**
OP-PED N6/7 GL-E/EZ3 BT3/df	N6/N7 GL-E/EZ3/BT3 for Dungs flanged gas trains	Variant	**3750447**
OP-PED N6/7 GL-EF3 BT3/st	N6/N7 GL-EF3/BT3 for Siemens threaded gas trains	Variant	**3751062**
OP-PED N6/7 GL-EF3 BT3/sf	N6/N7 GL-EF3/BT3 for Siemens flanged gas trains	Variant	**3751063**
OP-PED N6/7 GL-EF3 BT3/dt	N6/N7 GL-EF3/BT3 for Dungs threaded gas trains	Variant	**3750450**
OP-PED N6/7 GL-EF3 BT3/df	N6/N7 GL-EF3/BT3 for Dungs flanged gas trains	Variant	**3751064**
OP-PED N6/7 L-E BT3	N6/N7 L-E/BT3	Variant	**3751065**
OP-PED N6/7 L-EF3 BT3	N6/N7 L-EF3/BT3	Variant	**3751066**
OP-PED N8/9 L-E BT3	N8/N9 L-E/BT3	Variant	**3751067**
OP-PED N8/9 L-EF3 BT3	N8/N9 L-EF3/BT3	Variant	**3751068**

OP-PED N8/9 GL-E BT3/st	N8/N9 GL-E/BT3 for Siemens threaded gas trains	Variant	**3751069**
OP-PED N8/9 GL-E BT3/sf	N8/N9 GL-E/BT3 for Siemens flanged gas trains	Variant	**3751070**
OP-PED N8/9 GL-E BT3/dt	N8/N9 GL-E/BT3 for Dungs threaded gas trains	Variant	**3751071**
OP-PED N8/9 GL-E BT3/df	N8/N9 GL-E/BT3 for Dungs flanged gas trains	Variant	**3751072**
OP-PED N8/9 GL-EF3 BT3/st	N8/N9 GL-EF3/BT3 for Siemens threaded gas trains	Variant	**3750460**
OP-PED N8/9 GL-EF3 BT3/sf	N8/N9 GL-EF3/BT3 for Siemens flanged gas trains	Variant	**3751073**
OP-PED N8/9 GL-EF3 BT3/dt	N8/N9 GL-EF3/BT3 for Dungs threaded gas trains	Variant	**3751074**
OP-PED N8/9 GL-EF3 BT3/df	N8/N9 GL-EF3/BT3 for Dungs flanged gas trains	Variant	**3751075**
OP-PED N6-9 G/GL TB/st	N8/N9 G/GL with terminal box for Siemens threaded gas trains	Variant	**3750764**
OP-PED N6-9 G/GL TB/sf	N8/N9 G/GL with terminal box for Siemens flanged gas trains	Variant	**3750765**
OP-PED N6-9 G/GL TB/dt	N8/N9 G/GL with terminal box for Dungs threaded gas trains	Variant	**3750766**
OP-PED N6-9 G/GL TB/df	N8/N9 G/GL with terminal box for Dungs flanged gas trains	Variant	**3750767**

• POWER REGULATOR

Power regulator mounted in factory on the door of the switch cabinet

Description		Type	Code
OP-RWF55 N6/7 G-R/V/VF3	Regulator RWF55 + Instruction manual for N6/7 G-R/V/VF3	Variant	**3752363**
OP-RWF55 N6-9 G/GL/L-E BT3	Regulator RWF55 + Instruction manual for N6...N9 G/GL/L-E	Variant	**3752364**
OP-RWF55 N6/7 GL-RZ3	Regulator RWF55 + Instruction manual for N6/7 GL-RZ3	Variant	**3752365**
OP-IMP 130°C	Immersion probes	Accessory	**3750070**
OP-IMP Pt 100 - 400°C - 160mm		Accessory	**1758574269**
OP-IMP Pt 100 - 480°C - 250mm		Accessory	**3751009**
OP-PRP 0…1,6 bar	Pressure probes	Accessory	**3752217**
OP-PRP 0…2,5 bar		Accessory	**1758713722**
OP-PRP 0…6 bar		Accessory	**1758640660**
OP-PRP 0…10 bar		Accessory	**1758577280**
OP-PRP 0…16 bar		Accessory	**1758577291**
OP-PRP 0…25 bar		Accessory	**3751015**

• REMOTE SOFTWARE BT300

Kit to connect a PC laptop to the BT300 for its parametrization

Description		Type	Code
OP-Kit software BT3	LSA100 + USB/CAN + CD Rom	Accessory	**3751130**

• SEAL AND SCREWS / CONNECTING KIT

Description	Type	Code
OP-SSC kit DN40	Kit	**3751040**
OP-SSC kit DN50	Kit	**3751041**
OP-SSC kit DN65	Kit	**3751042**
OP-SSC kit DN80	Kit	**3751043**
OP-SSC kit DN100	Kit	**3751044**
OP-SSC kit DN125	Kit	**3751045**
OP-SSC kit DN150	Kit	**3751046**

• STAR-DELTA MOTOR STARTER

Star-Delta starter instead of direct starter of the fan motor

Description	Burners	Type	Code
OP-SDS 3,0 G/GL/L /BT3	for N6.2400 equipped with BT3	Variant	**3751414**
OP-SDS 4,0 G/GL/L /BT3	for N6.2900 equipped with BT3	Variant	**3751415**
OP-SDS 5,5 G/GL/L /BT3	for N7.3600 equipped with BT3	Variant	**3751416**
OP-SDS 7,5 G/GL/L /BT3	for N7.4500 equipped with BT3	Variant	**3751417**

• TRANSPORT ADDITIONAL COSTS

Standard packaging: burner on a wood pallet with the combustion head mounted, gas train in a carton box, all covered by a shrink film

Description	Burners	Type	Code
OP-SWPP N6/7	for N6/N7: idem than the standard except smoked wood pallet (certified for China)	Variant	**3750072**
OP-SWBP N6/7	for N6/N7: complete smoked wood box (certified for China)	Variant	**3750073**
OP-SWPP N8/9	for N8/N9: idem than the standard except smoked wood pallet (certified for China)	Variant	**3750074**
OP-SWBP N8/9	for N8/N9: complete smoked wood box (certified for China)	Variant	**3750075**

• VARIATRON

Variatron mounted in factory inside the switch cabinet including the VSM module for the burners with BT300 control box
Warning: add to this option one LEM/LCM module for the burner equipped with the BT300

Description	Burners	Type	Code
OP-3N-G-V/LFL	N6.2400 G-V and G-VF3	Variant	**3750782**
OP-4N-G-V/LFL	N6.2900 G-V and G-VF3	Variant	**3750783**
OP-5,5N-G-V/LFL	N7.3600 G-V	Variant	**3750784**
OP-7,5N-G-V/LFL	N7.4500 G-V, N7.3600 and 4500 G-VF3	Variant	**3750785**
OP-3N-G/GL/L-E /BT3	N6.2400 G, GL and L-E/BT3	Variant	**3751418**
OP-4N-G/GL/L-E /BT3	N6.2900 G, GL and L-E/BT3	Variant	**3751419**
OP-5,5N-G/GL/L-E /BT3	N7.3600 G, GL and L-E/BT3	Variant	**3751420**
OP-7,5N-G/GL/L-E /BT3	N7.4500 G, GL and L-E/BT3	Variant	**3751421**
OP-11N-G-E/BT3	N8.5800 G-E and G-EU3	Variant	**3750778**
OP-15N-G-E/BT3	N8.7100 G-E and G-EU3	Variant	**3750779**
OP-18,5N-G-E/BT3	N9.8700 G-E and G-EU3	Variant	**3750780**
OP-22N-G-E/BT3	N9.10400 G-E and G-EU3	Variant	**3750781**
OP-11N-GL/L-E /BT3	N8.5800 GL, L-E/BT3	Variant	**3751422**
OP-15N-GL/L-E /BT3	N8.7100 GL, L-E/BT3	Variant	**3751423**
OP-18,5N-GL/L-E /BT3	N9.8700 GL, L-E/BT3	Variant	**3751424**
OP-22N-GL/L-E /BT3	N9.10400 GL, L-E/BT3	Variant	**3751425**
OP-18,5N-GL-EUF /BT3	N9.8700 GL-EUF/BT3	Variant	**3751498**
OP-22N-GL-EUF /BT3	N9.10400 GL-EUF/BT3	Variant	**3751499**

Burner prepared to be connected to an external frequency inverter (Variatron) LEM/LCM module must be ordered separately

Description	Burners	Type	Code
OP-N6 G-V/LFL FC Ext.	N6 G-V/LFL prepared for an external FC	Variant	**3751453**
OP-N7 G-V/LFL 5,5kW FC Ext.	N7 G-V/LFL prepared for an external FC of 5,5kW	Variant	**3751456**
OP-N7 G-V/LFL 7,5kW FC Ext.	N7 G-V/LFL prepared for an external FC of 7,5kW	Variant	**3751457**
OP-N6 G-E/BT3 3,0kW FC Ext.	N6 G-E/BT3 prepared for an external FC of 3,0kW	Variant	**3751426**
OP-N6 G-E/BT3 4,0kW FC Ext.	N6 G-E/BT3 prepared for an external FC of 4,0kW	Variant	**3751427**
OP-N7 G-E/BT3 5,5kW FC Ext.	N7 G-E/BT3 prepared for an external FC of 5,5kW	Variant	**3751428**
OP-N7 G-E/BT3 7,5kW FC Ext.	N7 G-E/BT3 prepared for an external FC of 7,5kW	Variant	**3751429**
OP-N8 G-E/BT3 11kW FC Ext.	N8 G-E/BT3 prepared for an external FC of 11kW	Variant	**3751113**
OP-N8 G-E/BT3 15kW FC Ext.	N8 G-E/BT3 prepared for an external FC of 15kW	Variant	**3751114**
OP-N9 G-E/BT3 18,5kW FC Ext.	N9 G-E/BT3 prepared for an external FC of 18,5kW	Variant	**3751115**
OP-N9 G-E/BT3 22kW FC Ext.	N9 G-E/BT3 prepared for an external FC of 22kW	Variant	**3751116**
OP-N6 GL/L-E/BT3 3,0kW FC Ext.	N6 GL/L-E/BT3 prepared for an external FC of 3,0kW	Variant	**3751430**
OP-N6 GL/L-E/BT3 4,0kW FC Ext.	N6 GL/L-E/BT3 prepared for an external FC of 4,0kW	Variant	**3751431**
OP-N7 GL/L-E/BT3 5,5kW FC Ext.	N7 GL/L-E/BT3 prepared for an external FC of 5,5kW	Variant	**3751432**
OP-N7 GL/L-E/BT3 7,5kW FC Ext.	N7 GL/L-E/BT3 prepared for an external FC of 7,5kW	Variant	**3751433**
OP-N8 GL/L-E/BT3 11kW FC Ext.	N8 GL/L-E/BT3 prepared for an external FC of 11kW	Variant	**3751434**
OP-N8 GL/L-E/BT3 15kW FC Ext.	N8 GL/L-E/BT3 prepared for an external FC of 15kW	Variant	**3751435**
OP-N9 GL/L-E/BT3 18,5kW FC Ext.	N9 GL/L-E/BT3 prepared for an external FC of 18,5kW	Variant	**3751436**
OP-N9 GL/L-E/BT3 22kW FC Ext.	N9 GL/L-E/BT3 prepared for an external FC of 22kW	Variant	**3751437**
OP-N9 GL-EUF/BT3 18,5kW FC Ext.	N9 GL-EUF/BT3 prepared for an external FC of 18,5kW	Variant	**3751500**
OP-N9 GL-EUF/BT3 22kW FC Ext.	N9 GL-EUF/BT3 prepared for an external FC of 22kW	Variant	**3751501**

• VITOTRONIC

Preparation for Viessmann Vitotronic regulation on N6 and N7

Description	Type	Code
OP-VITOTRONIC N6/7 L/G/GL /ETO	Variant	**3751109**

• REMOTE SIGNAL 4-20mA

Remote signal 4-20mA for BT 300 burner variant - Requires 3751118 LEM/LCM module

Description	Type	Code
Remote signal 4-20mA	Variant	**14099397**

• FREQUENCY CONVERTER: VARIATRON (external installation)

Frequency converter IP 54, wall installation, alphanumeric interface, without board coating, without main switch, fieldbus (Modbus RTU), without additional E/A-board, EMC compatibility first environment (category C2), maximum motor cable lenght 300m

Description		Burners	Code
3 kW	OP-Kit 3/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753013**
4 kW	OP-Kit 4/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753014**
5,5 kW	OP-Kit 5,5/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753015**
7,5 kW	OP-Kit 7,5/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753016**
11 kW	OP-Kit 11/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3754000**
15 kW	OP-Kit 15/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3754001**
18,5 kW	OP-Kit 18,5/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3754002**
22 kW	OP-Kit 22/IP54 EK EVO G-E/BT3	EK EVO, NEXTRON	**3754003**
30 kW			**t.b.d.**
37 kW			**t.b.d.**
45 kW			**t.b.d.**
55 kW			**t.b.d.**

Frequency converter IP20, installation DIN-rail, alphanumeric interface, without board coating, without main switch, fieldbus (Modbus RTU), without additional E/A-board, EMC compatibility second environment (category C3), maximum motor cable lenght 30m

Description		Burners	Code
3 kW	OP-Kit 3/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3752168**
4 kW	OP-Kit 4/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3752169**
5,5 kW	OP-Kit 5,5/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3752170**
7,5 kW	OP-Kit 7,5/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3752171**
11 kW	OP-Kit 11/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753996**
15 kW	OP-Kit 15/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753997**
18,5 kW	OP-Kit 18,5/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753998**
22 kW	OP-Kit 22/IP20 EK EVO G-E/BT3	EK EVO, NEXTRON	**3753999**
30 kW			**t.b.d.**
37 kW			**t.b.d.**
45 kW			**t.b.d.**
55 kW			**t.b.d.**

• BALL VALVE

Description	Type	Code
Ball valve with internal thread, working max. pressure 1 bar	Rp1/2" x 75 mm	**12000511**
	Rp3/4" x 80 mm	**12000512**
	Rp1" x 90 mm	**13014319**
	Rp1"1/2 x 120 mm	**13011724**
	Rp2" x 140 mm	**13011727**
Ball valve with flange PN 16, working max. pressure 16 bar	DN40 x 140 mm	**12000516**
	DN50 x 150 mm	**12000517**
	DN65 x 170 mm	**12000518**
	DN80 x 180 mm	**12000519**
	DN100 x 190 mm	**12000520**
Ball valve with flange PN 16, working max. pressure 16 bar, with non-ferrous metal	DN40 x 140 mm	**12000524**
	DN50 x 150 mm	**12000525**
	DN65 x 170 mm	**12000526**
	DN80 x 180 mm	**12000527**
	DN100 x 190 mm	**12000528**
	DN125 x 325 mm	**12000529**
	DN150 x 350 mm	**12000530**

• ANTI-VIBRATION COUPLING

Description	Type	Code
Anti-vibration coupling with external thread	1"	**3751018**
	1"1/2	**3751019**
	2"	**3751020**
Anti-vibration coupling with flange PN 16, working max. pressure 10 bar	DN40	**3751021**
	DN50	**3751022**
	DN65	**3751023**
	DN80	**3751024**
	DN100	**3751025**
	DN125	**3751026**
	DN150	**3751027**

• GAS FILTER

Description	Type	Code
Gas filter with internal thread, with non-ferrous metal, working max. pressure 1 bar	3/4" x 92 mm	**3333261049**
	1" x 135 mm	**3333261050**
Gas filter with flange PN 16, with non-ferrous metal, working max. pressure 1 bar	s40-DN40 x 250 mm	**1478543935**
	s50-DN50 x 250 mm	**1478543946**
	s65-DN65 x 250 mm	**1478543957**
	s80-DN80 x 330 mm	**1478543968**
	s100-DN100 x 350 mm	**1478543979**
	s125-DN125 x 470 mm	**1478543980**
	s150-DN150 x 470 mm	**1478548281**
Gas filter with flange PN 16, with non-ferrous metal, working max. pressure 4 bar	s40-DN40 x 250 mm	**1478549604**
	s50-DN50 x 250 mm	**1478548112**
	s65-DN65 x 250 mm	**1478552210**
	s80-DN80 x 330 mm	**1478549615**
	s100-DN100 x 350 mm	**1478549626**
	s125-DN125 x 470 mm	**1478665947**
	s150-DN150 x 470 mm	**1478640740**

• PRESSURE REGULATOR

Description	Type	Code
Gas pressure regulator GDJ, Rp 1/2" x 100 mm, with non-ferrous metal, working max. pressure 0,4 bar	12,5 - 25 mbar	**3333123399**
Spring for GDJ, Rp 1/2"	16 - 28 mbar	**1478682753**
	22 - 40 mbar	**1478781122**
	40 - 55 mbar	**12001218**
Gas pressure regulator GDJ, Rp 3/4" x 125 mm, with non-ferrous metal, working max. pressure 0,4 bar	12,5 - 25 mbar	**3333123400**
Spring for GDJ, Rp 3/4"	22,5 - 35 mbar	**1478682775**
	25 -75 mbar	**1478682786**
Gas pressure regulator GDJ, Rp 1" x 125 mm, with non-ferrous metal, working max. pressure 0,4 bar	12,5 - 25 mbar	**3333123401**
Spring for GDJ, Rp 1"	22,5 - 35 mbar	**1478682775**
	25 -75 mbar	**1478682786**
Gas pressure regulator GDJ, Rp 1 1/2" x 155 mm, with non-ferrous metal, working max. pressure 0,4 bar	12,5 - 25 mbar	**3333123402**
Spring for GDJ, Rp 1"1/2	22,5 - 35 mbar	**1478682800**
	25 -75 mbar	**1478682811**
Gas pressure regulator GDJ, Rp 2" x 200 mm, with non-ferrous metal, working max. pressure 0,4 bar	12,5 - 25 mbar	**3333123403**
Spring for GDJ, Rp 2"	22,5 - 35 mbar	**1478682833**
	25 -75 mbar	**1478682844**
Gas pressure regulator FRS, DN40 x 200 mm, with non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**1478490702**
Spring for FRS, DN40	25 - 55 mbar, red	**1478435327**
	30 - 70 mbar, yellow	**1478435338**
	60 - 110 mbar, black	**1478435349**
Gas pressure regulator FRS, DN50 x 230 mm, with non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**1478490713**
Spring for FRS, DN50	25 - 55 mbar, red	**1478435372**
	30 - 70 mbar, yellow	**1478435383**
	60 - 110 mbar, black	**1478435394**
Gas pressure regulator FRS, DN65 x 290 mm, with non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**1478490724**
Spring for FRS, DN65	25 - 55 mbar, red	**1478435429**
	30 - 70 mbar, yellow	**1478435430**
	60 - 110 mbar, black	**1478435441**
	100 - 150 mbar, pink	**1478494328**
Gas pressure regulator FRS, DN80 x 310 mm, with non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**12001096**
Spring for FRS, DN80	25 - 55 mbar, red	**1478435429**
	30 - 70 mbar, yellow	**1478435430**
	60 - 110 mbar, black	**1478435441**
	100 - 150 mbar, pink	**1478494328**
Gas pressure regulator FRS, DN100 x 350 mm, with non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**12001097**
Spring for FRS, DN100	25 - 55 mbar, red	**1478435474**
	30 - 70 mbar, yellow	**1478435485**
	60 - 110 mbar, black	**1478435496**
	100 - 150 mbar, pink	**1478781519**
Gas pressure regulator FRS, DN125 x 400 mm, without non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**12001098**
Spring for FRS, DN125	25 - 55 mbar, red	**1478434982**
	30 - 70 mbar, yellow	**1478434993**
	60 - 110 mbar, black	**1478435009**
	100 - 150 mbar, pink	**1478740474**
Gas pressure regulator FRS, DN150 x 480 mm, without non-ferrous metal, working max. pressure 0,4 bar	10 - 30 mbar	**12001099**
Spring for FRS, DN150	25 - 55 mbar, red	**1478435032**
	30 - 70 mbar, yellow	**1478435043**
	60 - 110 mbar, black	**1478435054**
	100 - 150 mbar, pink	**1478781484**

Gas pressure regulator RS 250 with safety valve and flange PN16, working max. pressure 6 bar	RS250 s25-DN25 x 230 mm	**1478541586**
	RS250 s50-DN50 x 230 mm	**1478541597**
	RS250 s80-DN80 x 310 mm	**1478541600**
	RS250 s100-DN100 x 350 mm	**1478541611**
	RS250 s150-DN150 x 480 mm	**1478541622**
Gas pressure regulator RS 251 with safety valve and flange PN16, working max. pressure 4 bar	RS251 s50-DN50 x 310 mm	**1478548747**
	RS251 s80-DN80 x 410 mm	**1478548758**
Safety blow-off valve S10 with internal thread Rp 1", working max. pressure 1 bar	discharge pressure 80 mbar	**1478687054**
	discharge pressure 100 mbar	**1478687065**
	discharge pressure 120 mbar	**1478687076**
	discharge pressure 140 mbar	**1478687087**
	discharge pressure 160 mbar	**1478687098**
	discharge pressure 180 mbar	**1478687101**
	discharge pressure 200 mbar	**1478687112**
	discharge pressure 220 mbar	**1478687123**
	discharge pressure 240 mbar	**1478687134**
	discharge pressure 260 mbar	**1478687145**
	discharge pressure 280 mbar	**1478687156**
	discharge pressure 300 mbar	**1478687167**

• MAX GAS PRESSURE SWITCH

Description	Type	Code
Gas pressure switch for electromagnetic / motorized valves, working max. pressure 0,5 bar	GW50A5	**1768853009**
	GW150A5	**1768853010**
	GW500A5	**1768853021**
Gas pressure switch for double electromagnetic valves, working max. pressure 0,4 bar	GW50A6	**1768854488**
	GW150A6	**1768854499**
	GW500A6	**1768854502**
Gas pressure switch for electromagnetic / motorized valves, with non-ferrous metal, working maximum pressure 0,6 bar	DG50	**1768602660**
	DG150	**1768602659**
	DG500	**1768602648**

• MANOMETER

Description	Type	Code
Gas manometer with push-button valve, Rp 1/2"	0 - 60 mbar	**1098693283**
	0 - 100 mbar	**1098693294**
	0 - 160 mbar	**1098693307**
	0 - 250 mbar	**1098693318**
	0 - 600 mbar	**1098693329**
	0 - 1,6 bar	**1098693330**
	0 - 6 bar	**1098693341**
Test burner with push-button valve, Rp 1/2"	max. 0,5 bar	**3751108**

• INSERT RING

Description	Type	Code
Insert ring with connections Rp 1/2" and Rp 3/4" for manometer or test burner	DN40 x 50 mm	**1478439545**
	DN50 x 50 mm	**1478439556**
	DN65 x 50 mm	**1478439557**
	DN80 x 50 mm	**1478439578**
	DN100 x 50 mm	**1478439589**
	DN125 x 50 mm	**1478439590**
	DN150 x 50 mm	**1478439603**

• FLOW COUNTER

Description	Type	Code
TERZ 94	6 ... 100 m^3/h - 10 bar - DN50 x 150 mm	**12001361**
	10 ... 250 m^3/h - 10 bar - DN80 x 120 mm	**12001362**
	25 ... 400 m^3/h - 10 bar - DN80 x 120 mm	**12001363**
	25 ... 400 m^3/h - 10 bar - DN100 x 150 mm	**12001364**
	40 ... 650 m^3/h - 10 bar - DN100 x 175 mm	**12001365**
	85 ... 1000 m^3/h - 10 bar - DN150 x 175 mm	**12001366**
	100 ... 1600 m^3/h - 10 bar - DN150 x 175 mm	**12001367**

• FLEXIBLE HOSE

Description	Type	Code
Flexible hose made in high-quality steel, working max. pressure 4 bar	Rp1/2" x 500 mm	4488681772
	Rp1/2" x 1000 mm	4488681783
	Rp3/4" x 500 mm	4488681794
	Rp3/4" x 1000 mm	4488682708
	Rp1" x 500 mm	4488682719
	Rp1" x 1000 mm	4488682720
Hose made in high-quality steel, working max. pressure 1 bar	Rp1"1/2 x 500 mm	4488696511
	Rp1"1/2 x 1000 mm	4488696522
	Rp2" x 500 mm	4488696533
	Rp2" x 1000 mm	4488696544

• FLANGES

Description	Type	Code
Threaded flange DN50, PN 16	Rp3/4"	3333109195
	Rp1"	3333109196
	Rp1"1/2	3333109197
	Rp2"	3333109198
Welded flange, PN 16	DN40 x 42 mm	5318353048
	DN50 x 45 mm	5318428082
	DN65 x 45 mm	5318428093
	DN80 x 50 mm	5318428106
	DN100 x 52 mm	5318428117
	DN125 x 55 mm	5318428128
	DN150 x 55 mm	5318428139

• STRAIGHT PIPE

Description	Type	Code
Straight pipe, flanged PN 16	DN40 x 500 mm	1688421172
	DN50 x 250 mm	1688421489
	DN50 x 500 mm	1688421194
	DN65 x 250 mm	1688421490
	DN65 x 500 mm	1688421218
	DN80 x 250 mm	1688421503
	DN80 x 500 mm	1688421230
	DN100 x 250 mm	1688421514
	DN100 x 500 mm	1688421252
	DN125 x 250 mm	1688421525
	DN125 x 500 mm	1688421274
	DN150 x 250 mm	1688421536
	DN150 x 500 mm	1688421296
Adapting, flanged PN 16	DN25-DN40 x 144 mm	1688541804
	DN25-DN50 x 159 mm	1688586714
	DN25-DN65 x 173 mm	1688590469
	DN25-DN80 x 254 mm	1688653209
	DN40-DN50 x 163 mm	1688421387
	DN40-DN65 x 177 mm	1478589757
	DN40-DN80 x 182 mm	1688666064
	DN50-DN65 x 180 mm	1688421398
	DN50-DN80 x 185 mm	1688582165
	DN50-DN100 x 197 mm	1688590458
	DN65-DN80 x 185 mm	1688421401
	DN65-DN100 x 197 mm	1688421412
	DN80-DN100 x 202 mm	1688421423
	DN80-DN125 x 232 mm	1688421434
	DN80-DN150 x 245 mm	1688602591
	DN100-DN125 x 234 mm	1688421445
	DN100-DN150 x 247 mm	1688421456
	DN125-DN150 x 250 mm	1688421467

• ELBOW PIPE

Description	Type	Code
90°, male/female	3/4"	3333109257
	1"	3333103790
	d1"1/4-Rp2"	3333116894
	h3/8"-Rp1/2"	3333103791
	d2"-Rp2"	3333103792
90°, female/female	Rp1"	3333109311
	Rp1"1/2	3333110711
	Rp2"	3333110712
PN16, connection Rp1/2"	DN40 x 99 mm	1688421310
	DN50 x 121 mm	1688421321
	DN65 x 140 mm	1688421332
	DN80 x 164,5 mm	1688421343
	DN100 x 204,5 mm	1688421354
	DN125 x 245,5 mm	1688421365
	DN150 x 283,5 mm	1688421376
90°, flanged PN16	DN65-DN40 x 235 mm	1688551557
	DN65-DN50 x 235 mm	1688551568
	DN80-DN40 x 246,5 mm	1688421092
	DN80-DN50 x 249,5 mm	1688421105
	DN80-DN65 x 249,5 mm	1688421116
	DN80-DN80 x 264,5 mm	1688421127
	DN80-DN100 x 266,5 mm	1688590481
	DN100-DN50 x 297,5 mm	1688556245
	DN100-DN65 x 325 mm	1688551604
	DN100-DN80 x 293 mm	1688551615
	DN100-DN100 x 304,5 mm	1688556256
	DN150-DN65 x 503,5 mm	1688666166
	DN150-DN80 x 418,5 mm	1688421138
	DN150-DN100 x 420,5 mm	1688421149
	DN150-DN125 x 423,5 mm	1688421150
	DN150-DN150 x 423,5 mm	1688421161

• GAS PIPE

Description	Type	Code
Connecting set (straight pipe Rp1"1/2 and nipples Rp1/2" and Rp1/4")	DMVSE512	3333212374
Connecting set (straight pipe Rp2" and nipples Rp1/2" and Rp1/4")	DMV SE 520	3333212375
Stabilizing pipe PN 16 for high pressure gas train with various connections (test burner, pressure switch,...)	DN40 x 900 mm	1688595566
	DN50 x 900 mm	1688595577
	DN65 x 950 mm	1688595588
	DN80 x 1100 mm	1688595599
	DN100 x 1300 mm	1688595602
	DN125 x 1550 mm	1688595613
	DN150 x 1800 mm	1688595624

• SUPPORT FOR GAS TRAIN

Description	Type	Code
Support for gas group mounting up to 2"	Leg 1000 mm	3333208916
	Crutch	3333208914
	Flange	3333208915
Support for gas group mounting DN40...DN150		1478429541

• SEALS AND CONNECTING KIT

Description	Type	Code
Seal and scew set for flange connections (1 seal, 4 bolts, 4 nuts and 4 washers)	DN25	1478811767
	DN40	12001429
	DN50	12001430
	DN65	12001431
	DN80	12001432
	DN100	12001433
	DN125	12001434
	DN150	12001435
	DN150 x 1800 mm	1688595624

• VALVES GROUP, TYPE LBA...A

Base type	LBA 600 A	LBA 1200 A	LBA2400A	LBA 3000 A
Code	1388812306	1388812317	1.388.812.328	1388812339

Description	LBA 600 A	LBA 1200 A	LBA2400A	LBA 3000 A
Fuel rate counter with pulse transducer (Reed)	0,1 l / Imp		1 l / Imp	
Code	1368812340		1368812351	1368812566
Fuel rate counter with inductive pulse transducer	0,01 l / Imp			0,1 l / Imp
Code	1368812362		1368812373	1368812384
Make-up part for fuel rate counter (for remedial maintenance)	Rp3/4"		Rp1"	Rp11/4"
Code	1368812395		1368812408	1368812419
Extended fuel collector for options M, DM, DK	This option needs when choice od options M and/or DK			
Code	1388812420			
Limit switch for ball valve (position 1)	230 V / 50 Hz / IP65, mounted onto ball valve. Tested at installation			
Code	1768812431			
Automatic air valve	Rp3/8", PN16, 150°C			
Code	1478812442			
Fuel filter	Rp1/2"		Rp3/4"	Rp1"
Code	1348812453		1348812464	1348812475
Safety electromagnetic valve	Rp1/2"		Rp3/4"	Rp1"
Code	1478812486		1478812497	1478812500
Oil pressure switch	Rp1/2", 230 V / 50 Hz / IP54, setting range 0,2...2,5 bar			
Code	1768812511			
Two ball valves combination	Rp1/2"	Rp3/4"	Rp1"	
Code	1478812522	1478812533	1478812544	
Leakage control built in fuel collector	230 V / 50 Hz / IP65			
Code	1758812555			

• SAFETY VALVE (according to TRD)

Description		Code
Safety valve for light oil with relief valve, non-return valve, pipe, threaded connection and seal (nominal pressure: 40 bar; pressure different: 3-10 bar)		1478731962
Connection element for safety valve on threaded mounting with threaded connection and seal	Threaded connection Rp 1/2"	1468731837
	Threaded connection Rp 3/4"	1468731848
	Threaded connection Rp 1"	1468731859
Connection element for safety valve on flange mounting with connecting ring, threaded connection, seal, pin screws, nuts	s15-DN15 PN 16/40	1468731860
	s20-DN20 PN 16/40	1468731871
	s25-DN25 PN 16/40	1468731882
	s32-DN32 PN 16/40	1468731780
	s40-DN40 PN 16/40	1468731791
	s50-DN50 PN 16/40	1468731804
	s65-DN65 PN 16	1468731826
	s80-DN80 PN 16	1468731815

• VACUOMETER / MANOMETER

Description	Type	Code
Manometer/vacuometer with glycerol filled Connection Rp1/2" A radial	-1...+3 bar	1098748467
	-1...+5 bar	1098748478
	0...4 bar	1098748489
	0...6 bar	3333116345
	0...10 bar	1098748490
	0...16 bar	1098585471
	0...25 bar	3333261128
	0...40 bar	1090160374
	0...60 bar	1098114290

• LEAKAGE CONTROL DEVICE

Description		Code
Signal device for oil for wall mounting HMW with 1 optoelectronic detector and 2 m cable, signal part in housing HxBxT=110x75x55		1758812000
Possibility to connect 2. optoelectronic detector	Leakage detector, optoelectronic with cable 2 m	1758812011
	Leakage detector, optoelectronic with cable 10 m	1758812022
	Leakage detector, optoelectronic with cable 30 m	1758812033

• AIR VALVE

Description	Type	Code
Automatic air valve with ball valve	Rp3/8"	1478812577

• RELIEF/PRESSURE MAINTAINING VALVE

Relief valve / valve, keeping pressure in threaded design, directly adjustable, with spring load for keeping adjusted working and maximum pressure viscosity range 2,8...480 sSt

Description			Code
Connection (Rp)	Fuel rate (l/h)	Pressure degree (bar)	
1/4i	6 ... 120	0,5 ... 1,5	1478812044
		1 ... 4	1478730083
		2 ... 9	1478731940
3/8i	15 ... 160	0,5 ... 1,5	1478812055
		1 ... 4	1478812066
		2 ... 9	1478812077
1/2i	30 ... 600	0,5 ... 1,5	1478812088
		1 ... 4	1478720874
		2 ... 9	1478812099
3/4i	100 ... 2000	0,5 ... 3,5	1478812102
		2 ... 9	1478812113
1i	300 ... 6000	0,5 ... 1,5	1478812124
		1 ... 4	1478812135
		2 ... 9	1478812146
1"1/4i	500 ... 10000	0,5 ... 1,5	1478812157
		1 ... 4	12001314
		2 ... 9	1478812168

Relief valve / valve, keeping pressure in flange design, directly adjustable, with spring load for keeping adjusted working and maximum pressure viscosity range 2,8...480 sSt

Description			Code
Connection (Rp)	Fuel rate (l/h)	Pressure degree (bar)	
DN15	30 ... 600	0,5 ... 1,5	1478812179
		1 ... 4	1478729973
		2 ... 9	1478812180
DN20	100 ... 2000	0,5 ... 3,5	1478812191
		2 ... 9	1478812204
DN25	300 ... 6000	0,5 ... 1,5	1478812215
		1 ... 4	1478785851
		2 ... 9	1478812226
DN32	500 ... 10000	0,5 ... 1,5	1478812237
		1 ... 4	1478812248
		2 ... 9	1478812259

• WELDED FLANGE

Description	Type	Code
Welded flange PN 16 according to DIN 2633, form C from RSt 37-2 as external flange for oil mounting PN16	s15-DN15	**5318675203**
	s20-DN20	**3333101876**
	s25-DN25	**5318353059**
	s32-DN32	**5318704652**
	s40-DN40 x 42 mm	**5318353048**
	s50-DN50 x 45 mm	**5318428082**
	s65-DN65 x 45 mm	**5318428093**
	s80-DN80 x 50 mm	**5318428106**
Welded flange PN40 according to DIN 2635, form C from C22 as external flange for oil mounting PN40	s15-DN15	**5318557486**
	s20-DN20	**3333101916**
	s25-DN25	**5318556494**
	s32-DN32	**5318556507**
	s40-DN40 x 42 mm	**5318556518**
	s50-DN50 x 45 mm	**5318575308**

• SEALS AND CONNECTING KIT

Description	Type	Code
Screwing set: 1 seal, pin screws, hexagon nuts, lining washer	s15-DN15 PN16 / PN40	**5318731439**
	s20-DN20 PN16 / PN40	**5318731440**
	s25-DN25 PN16 / PN40	**5318731451**
	s32-DN32 PN16 / PN40	**5318731462**
	s40-DN40 PN16 / PN40	**5318731473**
	s50-DN50 PN16 / PN40	**5318731484**
	s65-DN65 PN16	**5318731495**
	s80-DN80 PN16	**5318731508**

• LIGHT OIL FILTER

Description	Type	Code
Self-cleaning filter	Rp3/4"	**12006508**
100 ... 500 l/h	Rp3/8" male (burner side) / female - 70 µm - one pipe	**3333110172**
100 ... 500 l/h	Rp3/8" male (burner side) / female - 75 µm - one pipe	**3333115482**
200 ... 700 l/h	Rp1/2" male (burner side) / female - 75 µm - one pipe	**3333115483**
100 ... 500 l/h	Rp3/8" male (burner side) / female - 70 µm - two pipes	**3333110175**
100 ... 500 l/h	Rp3/8" male (burner side) / female - 75 µm - two pipes	**3333110176**
200 ... 700 l/h	Rp1/2" male (burner side) / female - 75 µm - two pipes	**3333110174**

• LIGHT OIL BALL VALVE

Description	Type	Code
0 ... 60°C for 64 bar, 0 ... 120°C for 40 bar, 20 ... 150°C for 30 bar	Rp 1/4"	**1478736157**
	Rp 1/2"	**1478736168**
	Rp 3/4"	**1478736179**
	Rp1"	**1478736180**
-20 ... 150°C for 16 bar	s25-DN25	**1478732910**
	s32-DN32	**1478732921**
	s40-DN40	**1478732932**
	s50-DN50	**1478732943**
	s65-DN65	**1478732954**
	s80-DN80	**1478732965**
-20 ... 120°C for 40 bar, -20 ... 150°C for 30 bar	s15-DN15	**1478734938**
	s20-DN20	**1478734949**
	s25-DN25	**1478734950**
	s32-DN32	**1478734961**
	s40-DN40	**1478734972**
	s50-DN50	**1478734983**

• LIGHT OIL FLOW COUNTER

Description	Type	Code
Without pulse transducer	10 ... 400 l/h - 16 bar - Rp1/2"	**1368746803**
	10 ... 400 l/h - 16 bar - s15-DN15	**1368746892**
	30 ... 1000 l/h - 16 bar - Rp3/4"	**1368746836**
	30 ... 1000 l/h - 16 bar - s20-DN20	**1368746927**
	75 ... 2000 l/h - 16 bar - Rp1"	**1368746869**
	75 ... 2000 l/h - 16 bar - s25-DN25	**1368746950**
Without pulse transducer RV 0,1 (Reed)	10 ... 400 l/h - 16 bar - Rp1/2"	**1368746814**
	10 ... 400 l/h - 16 bar - s15-DN15	**1368746905**
	30 ... 1000 l/h - 16 bar - Rp3/4"	**1368746847**
	30 ... 1000 l/h - 16 bar - s20-DN20	**1368746938**
	75 ... 2000 l/h - 16 bar - Rp1"	**1368746870**
	75 ... 2000 l/h - 16 bar - s25-DN25	**1368746961**
Without pulse transducer RV 0,1 (Reed)	10 ... 400 l/h - 16 bar - Rp1/2"	**1368746825**
	10 ... 400 l/h - 16 bar - s15-DN15	**1368746916**
	30 ... 1000 l/h - 16 bar - Rp3/4"	**1368746858**
	30 ... 1000 l/h - 16 bar - s20-DN20	**1368746949**
	75 ... 2000 l/h - 16 bar - Rp1"	**1368746881**
	75 ... 2000 l/h - 16 bar - s25-DN25	**1368746972**
Threaded connection	VSR - Rp1/2"	**1012553**
	VSR - Rp3/4"	**1012564**
	VSR - Rp1"	**1012575**

• HEAVY OIL FITTINGS

Description	Type	Code
Heavy oil ring system	Customised heavy oil ring system according to specification needed	**on request**

• TIGHTNESS CONTROL

Description	Type	Code
Kit tightness control VPS504 for MB and VGD65-80 valve	KITTC-VPS504-MB-VGDDN65-80	**on request**
Kit tightness control VPS504 LPG for MB and VGD65-80 valve	KITTC-LPGVPS504-MB-VGDDN65-80	**on request**
Kit tightness control VPS504 for VGD20503 valve	KITTC-VPS504-VGD20503	**on request**
Kit tightness control VPS504 LPG for VGD20503 valve	KITTC-LPGVPS504-VGD20503	**on request**
Kit tightness control VDK for VGD100-125	KITTC-VDK200	**on request**
Kit tightness control LDU	KITTC-LDU11	**on request**

• MAX GAS PRESSURE SWITCH

Description	Burners	Code
KITPRES 50 - 2,5 … 50 mbar	GHO-TRON 3 to GHO-TRON 5	**on request**
KITPRES 150 - 30 … 150 mbar	GHO-TRON 6 and GHO-TRON 7	**on request**

• MANOMETER + PUSH BUTTON

Description	Type	Code
Manometer	0 … 60 mbar / 1/2"	**on request**
	0 … 250 mbar / 1/2"	**on request**
	0 … 1 bar / 1/2"	**on request**
Push button	1/4"	**on request**
	1/2"	**on request**

• ANTI-VIBRATION COUPLING FOR GHO-TRON

Description	Code
RP 50 - 2"	**on request**
DN 65 - 2"1/2	**on request**
DN 80 - 3"	**on request**
DN 100 - 4"	**on request**
DN 125 - 5"	**on request**

• BALL VALVE FOR GHO-TRON

Designation	Code
RP 50 - 2"	**on request**
DN 65 - 2"1/2	**on request**
DN 80 - 3"	**on request**
DN 100 - 4"	**on request**
DN 125 - 5"	**on request**

• CONTROL BOX

Description	Code
Electronic control Etamatic with 4 DPS-adjusting outputs for servodrives up to 50 mA of direct current Note: for the regulation of O_2 it is necessary to add device code 1011312	**1012586**
Electronic control Etamatic S with a steady adjusting output for the regulation of the number of revolutions of the fan supplying the air for burning and 3 DPS adjusting outputs for servodrives up to 50 mA of direct current Note: for the regulation of O_2 it is necessary to add device code 1011312 For the control of the number of revolutions there are necessary additionally: - Static frequency converter VLT - Switch Namur, Bi 2 - G 12 Y 0	**1012597**

• O_2 REGULATION

Description	Code
Regulation of O_2 (only combined with the electronic control Etamatic) with: - Lambda probe LS 2 - Gas extraction device MEV, length 300mm - Probe installation fittings SEA - Lambda transmitter LT2 in the wall-type casing IP 54, including 1 analog output 0/4-20 mA = 0-10% O_2	**1011312**
Measurement of the flue gas temperature and calculation of the coefficient of burning efficiency, including 2 temperature sensors PT100 and 2 analog outputs, freely adjustable on the flue gas temperature and burner's load	**1011323**
Combined probe KS1 for the detection of CO/H_2, including the unit of power supply from the mains and the additional analog output for the CO emission	**1011334**

• ETAMATIC OEM ACCESSORIES

Description	Code
Etamatic commissioning and regulation software	**1658843732**
Customer interface Etamatic OEM	**1718843754**
Operation and display Etamatic OEM	**1718850339**
Assembly frame for operation and display unit (assembled into switch cabinet)	**14028667**
Profi Bus DP interface and processor	**on request**

• BG INDUCTIVE SWITCH NAMUR

Description	Code
BG inductive switch Namur (Bi 2 – G12 YO) for fan speed control	**1658860480**

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