

## Assembly Numbers

**For these products, please order the following product numbers:**  
(configured products are those with alphanumeric text)

KINEMAX® Burners	Series G Gas Only					Series C Gas/Oil	
	1.5"	2"	3"	4"	6"	2"	6"
Complete Burner Assemblies [1]	0150 KM	0200 KM	0300 KM	0400 KM	0600 KM	0200C KM	0600C KM

[1] Refer to Product Data Sheet 9000-1 & 2 for alternate materials at net extra charge

### Segment Choice Detail - KINEMAX® Burners

Segment Name	Segment Description	Segment Choices (DEFAULT is shaded)	Segment Choice Description
COMBUSTION AIR INLET FLANGE	Not available for 2C KM	NO	Choice not selected
		YES	Choice selected
AIR CONNECTION TYPE	Choice of air connection type	ANSI_THRD	ANSI threaded inlet flange
		ISO_THRD	ISO threaded inlet flange
		NONE	No inlet flange
GAS CONNECTION TYPE	Choice of gas connection type	ANSI_THRD	ANSI threaded
		ISO_THRD	ISO threaded
PILOT ORIFICE	Choice of pilot orifice	NO	Choice not selected
		YES	Choice selected
FLAME DETECTION	Choice of flame detection device	FR [1]	Flame rod
		NONE	No device chosen
		UV	UV scanner provision
BLOCK MATERIAL	Choice of block or sleeve material	NONE	No block (for Shanghai only)
		SS	Stainless steel discharge sleeve
		3000	3000F max block temp limit
BLOCK LENGTH	Choice of block length	EXT [2]	Extended
		NONE	No block (for Shanghai only)
		STD	Standard
SEAL AND SUPPORT	Choice of seal and support material	CS [2]	Carbon steel seal and support
		NONE	No seal and support
		SS	Stainless seal and support

[1] Not available for 6G, 2C or 6C burners

[2] Not available for 6G or 6C burners

## Assembly Numbers

### Segment Choice Detail - KINEMAX® Burners (continued)

Segment Name	Segment Description	Segment Choices (DEFAULT is shaded)	Segment Choice Description
MOUNTING FLANGE [1]	Instructions for mounting flange	L	Shipped loose
		N	No mounting flange
		W	Flange welded to S&S
MOUNTING FLANGE GASKET [1]	Choice of mounting flange	NO	Choice not selected
		YES	Choice selected
TEST CONNECTION KIT (COMB AIR)	Choice of combustion air test connection kit	NO	Choice not selected
		YES	Choice selected
TEST CONNECTION KIT (GAS)	Choice of gas test connection kit	NO	Choice not selected
		YES	Choice selected
ORIFICE PLATE [2]	Choice of orifice plate	LPLT	Low pressure low twist
		STD	Standard
OIL TIP CONNECTION [3]	Choice of oil tip connection	ANSI	ANSI version
		ISO	ISO version
ATOMIZING AIR CONNECTION [4]	Choice of atomizing air connection type	ANSI	ANSI version
		ISO	ISO version
NOZZLE BODY FLANGE GASKET	Choice of nozzle body flange gasket	NO	Nzl bdy flg gskt not needed
		YES	Pull nozzle body flange gskt
COMBUSTION AIR TEMPERATURE (F)	Choice of combustion air temperature	450	450F maximum rating
		800	800F maximum rating

[1] Not available for 6G or 6C burners

[2] For 3" and 4" burners only

[3] For 2C burners only

[4] For 6C burners only

## Assembly Numbers

### Spare Parts and Accessories for KINEMAX® Burners

KINEMAX® BURNERS	Series G Gas Only					Series C Gas/Oil	
	1.5"	2"	3"	4"	6"	2"	6"
Flame rod kit includes ground rod and flame rod sub-assembly (A)	51427	51428	51429	51430	---	---	---
Nozzle body flange gasket (between wall & burner flange)	35643		35644	35645	37037	35643	37037
Mounting plate (used with combustion sleeve and block only) [2]	34237		34238	34239	---	34237	---
Mounting plate gasket for above	34391		34392	34393	---	34391	---
125# threaded flange set (6" burners only)	---				53677	---	53677
1/8" test connection kit	34137						
Gas swing check valve* (size) C <sub>v</sub> flow	35618 (3/4") C <sub>v</sub> = 21.1	35619 (1") C <sub>v</sub> = 34	35620 (1-1/2") C <sub>v</sub> = 67	35621 (2") C <sub>v</sub> = 80	38968 (3")	35619 (1") C <sub>v</sub> = 34	38968 (3")
Series "BV" Balancing Valves* (size) C <sub>v</sub> flow	For air	1.5 BV (1-1/2") C <sub>v</sub> = 80	2 BV (2") C <sub>v</sub> = 138	3 BV (3") C <sub>v</sub> = 265	---	---	2 BV (2") C <sub>v</sub> = 138
	For gas	.75 BV (3/4") C <sub>v</sub> = 11	1 BV (1") C <sub>v</sub> = 18	1.5 BV (1-1/2") C <sub>v</sub> = 80	2 BV (2") C <sub>v</sub> = 138	---	1 BV (1") C <sub>v</sub> = 18
Pilot gas adjustable orifice	50431						

[2] Specify dimension Z location for welding

**\*Must be ordered as loose items.**

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### Spare Parts and Accessories for KINEMAX® Burners (continued)

KINEMAX® Burners		Series G Gas Only				Series C Gas/Oil	
		1.5"	2"	3"	4"	2"	
Replacement & Spare Parts	Replacement flame rod assembly with rubber cover	51423		51425	51426	---	
	Spark ignitor sub-assembly with rubber cover	34042		39782		39777	
	Rubber cover (R)	18722					
	Observation glass (R)	19284					
Replacement Burner Block Sub-Assemblies	Rated for 3000°F maximum	Standard block	1099658	1098612	1099660	1099662	50104
		Extended block	35904	35905	35906	35907	50138
		Standard block & C.S. combustion sleeve	1101312	1101249	1101327	1101362	50139
		Standard block & S.S. combustion sleeve	1101314	1101250	1101328	1101363	50140
		Extended block & S.S. combustion sleeve	35958	35961	35964	35967	50141

KINEMAX® Burners		Series G Gas Only	Series C Gas/Oil
		6"	6"
Replacement & Spare Parts	Spark ignitor sub-assembly with rubber cover	37160	37160
	Rubber cover (R)	18722	18722
	Observation glass (R)	19284	19284
Replacement Burner Block Sub-assemblies	Rated for 3000°F maximum	Standard block	37034
		Standard block & S.S. combustion sleeve	37058