



### KDE15T

Rated frequency(Hz)	50 60
Rated voltage(V)	230 230
Rated current(A)	54.3 54.3
Rated output power(KW)	12.5 12.5
Max output power(KW)	14 14
Rated rotation speed(rpm)	3000 3600
Power factor(cos)	1
Phase number	Single phase
Excitation mode	Self-excitation and constant voltage(AVR)
Overall dimension(LxWxH)[mm(in)]	E:1270x830x940(50.00x32.68x37.01)T:1660x730x1020(65.35x28.74x40.16)
Dry weight[kg(ibs.)]	E:360(792),T:455(1001)
Structure type	E:Open-frame type T:Silent type
Engine model	KM380G
Rated power[kW(Hz)/rpm]	21(28.56)/3000.21(28.56)/3600
Engine type	Three cylinder,in-line,water-cooled,4-stroke,direct injection,diesel engine
Bore*stroke[mm(in)]	80x90(3.15x3.54)
Compression ratio	18 : 1
Total displacement[L(cu.in)]	1.357 (82.81)
Fuel consumption at full load[g(ml)/kW.h]	<245 (291)
Starting system	12V electric starter
Fuel	0# (summer) -10#(winter)light diesel oil
Cooling system	Forced water-cooled circulation
Lube Capacity[L(gal.)]	38(8.36)
Lube	LECD grade 15W40



### KDE15T3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	18.1 18.1
Rated output power(KW)	12.5 12.5
Max output power(KW)	14 14
Rated rotation speed(rpm)	3000 3600
Power factor(cos)	0.8(Applied to KVA)
Phase number	Three phase
Excitation mode	Self-excitation and constant voltage(AVR)
Overall dimension(LxWxH)[mm(in)]	E:1270x830x940(50.00x32.68x37.01)T:1660x730x1020(65.35x28.74x40.16)
Dry weight[kg(ibs.)]	E:360(792),T:455(1001)
Structure type	E:Open-frame type T:Silent type
Engine model	KM380G
Rated power[kW(Hz)/rpm]	21(28.56)/3000,21(28.56)/3600
Engine type	Three cylinder,in-line,water-cooled,4-stroke,direct injection,diesel engine
Bore*stroke[mm(in)]	80x90(3.15x3.54)
Compression ratio	18:1
Total displacement[L(cu.in)]	1.357 82.81
Fuel consumption at full load[g(ml)/kW.h]	<245 291
Starting system	12V electric starter
Fuel	0# summer -10#(winter)light diesel oil
Cooling system	Forced water-cooled circulation
Lube Capacity[L(gal.)]	38(8.36)
Lube	LECD grade 15W40



### KDE20T3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	21.7 21.7
Rated output power(KW)	15 15
Max output power(KW)	16.5 16.5
Rated rotation speed(rpm)	3000 3600
Power factor(cos)	0.8(Applied to KVA)
Phase number	Three phase
Excitation mode	Self-excitation and constant voltage(AVR)
Overall dimension(LxWxH)[mm(in)]	E:1270x830x940(50.00x32.68x37.01)T:1660x730x1020(65.35x28.74x40.16)
Dry weight[kg(ibs.)]	E:360(792),T:455(1001)
Structure type	E:Open-frame type T:Silent type
Engine model	KM380G
Rated power[kW(Hz)/rpm]	21(28.56)/3000.21(28.56)/3600
Engine type	Three cylinder,in-line,water-cooled,4-stroke,direct injection,diesel engine
Bore*stroke[mm(in)]	80x90(3.15x3.54)
Compression ratio	18:1
Total displacement[L(cu.in)]	1.357l 82.81l
Fuel consumption at full load[g(ml)/kW.h]	<245l 291l
Starting system	12V electric starter
Fuel	0#l summerl -10#(winter)light diesel oil
Cooling system	Forced water-cooled circulation
Lube Capacity[L(gal.)]	38(8.36)
Lube	LECD grade 15W40



## KDE25T3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	29.0 29.0
Rated output power(KW)	20 20
Max output power(KW)	22 22
Rated rotation speed(rpm)	3000 3600
Power factor(cos)	0.8(Applied to KVA)
Phase number	Three phase
Excitation mode	Self-excitation and constant voltage(AVR)
Overall dimension(LxWxH)[mm(in)]	E3:1450x890x1020(57.06x35.04x40.16), T3:1800x785x1080(70.87x30.91x42.52)
Dry weight[kg(ibs.)]	E3:430(946) T3:495(1089)
Structure type	E3:open-frame type T3:silent type
Engine model	KM480G KM485G
Rated power[kW(Hz)/rpm]	29(39.44)/3000,29(39.44)/3600
Engine type	Four cylinder,in-line,water-cooled,4-stroke,direct injection,diesel engine
Bore*stroke[mm(in)]	80x90(3.15x3.54),85x95(3.35x3.74)
Compression ratio	18;1
Total displacement[L(cu.in)]	1.809(110.39),2.156(131.57)
Fuel consumption at full load[g(ml)/kW.h]	247(333)
Starting system	12V electric starter
Fuel	0# summer -10#(winter)light diesel oil
Cooling system	Forced water-cooled
Lube Capacity[L(gal.)]	38(8.36)
Lube	LECD grade 15W40



## KDE30T3

Rated frequency(Hz)	50 60
Rated voltage(V)	400/230 400/230
Rated current(A)	36.2 36.2
Rated output power(KW)	25 25
Max output power(KW)	28 28
Rated rotation speed(rpm)	3000 3600
Power factor(cos)	0.8(applied to KVA)
Phase number	Three phase
Excitation mode	Self-excitation and constant voltage(AVR)
Overall dimension(LxWxH)[mm(in)]	E3:1500x930x970(59.06x36.61x38.19),T3:1960x860x1180(77.17x33.86x46.46)
Dry weight[kg(ibs.)]	E3:480(1056),T3:550(1210)
Structure type	E3:Open-frame type T3:Silent type
Engine model	KM490G
Rated power[kW(Hz)/rpm]	38(51.68)/3000,38(51.68)/3600
Engine type	Four cylinder,in-line,water-cooled,4-stroke,direct injection,diesel engine
Bore*stroke[mm(in)]	90x100(3.54x3.94)
Compression ratio	18:1
Total displacement[L(cu.in)]	2.54(155.00)
Fuel consumption at full load[g(ml)/kW.h]	<265.2(315.7)
Starting system	12V electric starter
Fuel	0# summer -10#(winter)light diesel oil
Cooling system	Forced water-cooled
Lube Capacity[L(gal.)]	65(14.3)
Lube	LECD grade 15W40

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