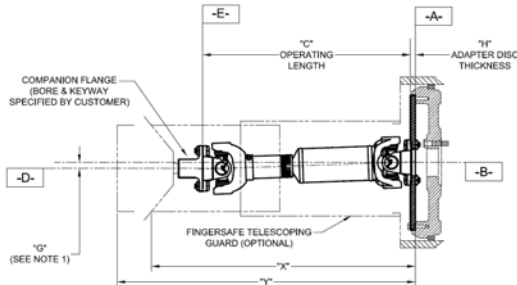


DATUMS

- A- MOUNTING FACE OF FLYWHEEL
- B- ENGINE CRANKSHAFT CENTERLINE
- D- PUMP OR RIGHT ANGLE GEAR SHAFT HORIZONTAL CENTERLINE
- E- END OF PUMP OR RIGHT ANGLE GEAR SHAFT



REV	DESCRIPTION	ECN#	DWN	APVD	DATE
A	PRELIMINARY ENGINEERING DRAWING	5076	ACH	ACH	05MAR18
B	REMOVED OBSOLETE MODELS AND ADDED NEW HIGH SPEED JU6H MODELS	5076	ACH	ACH	28SEP18
C	DRIVESHAFT MODEL NUMBER CHANGE	5076	CRD	JCA	29NOV18
D	ADDED CAT18 MODELS AND UPDATED OFFSET AND TOLERANCES FOR VA2365 DRIVESHAFTS	5076	ACH	ACH	10APR19
E	CORRECTED DRIVESHAFT SELECTIONS FOR DS0H-UFAA98, DT2H-UFAA20,50,58, AND DT2R-UFAA19,49	5076	ACH	ACH	03OCT19

Clarke Engines, UL/FM approved Heat Exchanger and Radiator Cooled Models	UL Listed Driveshaft Model	Non-Listed Driveshaft Model	Drive Disc	Companion Flange	Driveshaft Model Without Torsional Coupling (See Note 3)	"G" Vertical Parallel Offsets of Shafts	Torsional Coupling Model	Driveshaft Model With Torsional Coupling (See Note 3)	"G" Vertical Parallel Offsets of Shafts
JU4H-UFAEA0, UF10, 12, 04, 14, 20, 22, UF24	CDS10		C08448	CF10	CDS10-31	24.6 ±12.2 [0.97] ±[0.48]	TC15-11.5-41-FS	CDS10-29	22.8 ±11.4 [0.90] ±[0.45]
JU4R-UF09, 11, 13, 19, 21, 23, AEA9	CDS10		C08448	CF10	CDS10-31	24.6 ±12.2 [0.97] ±[0.48]	TC15-11.5-41-FS	CDS10-29	22.8 ±11.4 [0.90] ±[0.45]
JU4H-UF34, H0, AEE8, AEF2, ADJ8, ADJ2, H2, 40, 42 (Note 2)	CDS20		C08448	CF20	CDS20-31	24.0 ±12.0 [0.95] ±[0.47]	TC15-11.5-55-FS	CDS20-28	21.6 ±10.8 [0.85] ±[0.43]
JU4H-UF34, H0, AEE8, AEF2, ADJ8, ADJ2, H2, 40, 42 (Note 2)	CDS20		C08448	CF20	CDS20-31	24.0 ±12.0 [0.95] ±[0.47]	TC25-11.5-55-FS	CDS20-28	21.3 ±10.6 [0.84] ±[0.42]
JU4R-UF40, UFAEE7, AEF1	CDS20		C08448	CF20	CDS20-31	24.0 ±12.0 [0.95] ±[0.47]	TC15-11.5-55-FS	CDS20-28	21.3 ±10.6 [0.84] ±[0.42]
JU4H-UF58, AD58, UF50, UF52, UF54, ADJG, ADP0, ADRO, ADW8, ADY8	CDS30		C083762	CF30	CDS30-31	22.7 ±11.3 [0.89] ±[0.45]	TC25-11.5-61-FS	CDS30-28	20.0 ±10.0 [0.79] ±[0.39]
JU4R-UF49, 51, 53	CDS30		C083762	CF30	CDS30-31	22.7 ±11.3 [0.89] ±[0.45]	TC25-11.5-61-FS	CDS30-28	20.0 ±10.0 [0.79] ±[0.39]
JU4H-UFAD98	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC35-11.5-81-FS	CDS50-28	18.9 ±9.4 [0.74] ±[0.37]
JU6H-UFD0, D2, 30, 32, 34	CDS20		C08448	CF20	CDS20-31	24.0 ±12.0 [0.95] ±[0.47]	TC25-11.5-55-FS	CDS20-28	21.3 ±10.6 [0.84] ±[0.42]
JU6H-UFM8, M0, M2, 58, ADMG, 50, 52, 54, ADK0, ADNG, ADN0, ADQ0, ADRO, 60, 62, 84	CDS30		C083762	CF30	CDS30-31	22.7 ±11.3 [0.89] ±[0.45]	TC35-11.5-61-FS	CDS30-28	20.0 ±10.0 [0.79] ±[0.39]
JU6H-UF94		VA61A	C083762	CF30	VA61A-31	22.7 ±11.3 [0.89] ±[0.45]	TC35-11.5-61-FS	VA61A-28	20.0 ±10.0 [0.79] ±[0.39]
JU6H-UFAAPG, Q8, AARG, ADP8, AD88, ADR8, ADS8, AAS0, ADW8, AD98, ADX8	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC35-11.5-81-FS	CDS50-28	18.9 ±9.4 [0.74] ±[0.37]
JU6H-UFADW8, AD98, ADX8, AAT8	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC45-11.5-81-FS	CDS50-28	18.9 ±9.4 [0.74] ±[0.37]
JU6H-UFADP0, ADT0, AAT0, AAT2	CDS50	VA81A ³	C083763	CF50	CDS50-31 VA81A-31	21.6 ±10.8 [0.85] ±[0.42]	TC35-11.5-81-FS	CDS50-28 VA81A-28	18.9 ±9.4 [0.74] ±[0.37]
JU6R-UFAAD9, D1, 29, 31, 33	CDS20		C08448	CF20	CDS20-31	24.0 ±12.0 [0.95] ±[0.47]	TC25-11.5-55-FS	CDS20-28	21.3 ±10.6 [0.84] ±[0.42]
JU6R-UFAAM7, M9, M1, 57, 49, 51, 53, 59, 61, 83	CDS30		C083762	CF30	CDS30-31	22.7 ±11.3 [0.89] ±[0.45]	TC35-11.5-61-FS	CDS30-28	20.0 ±10.0 [0.79] ±[0.39]
JU6R-UFAAPF, Q7, RF, S9	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC35-11.5-81-FS	CDS50-28	18.9 ±9.4 [0.74] ±[0.37]
JW 6H-UFADD0, ADF0	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC45-11.5-81-FS	CDS50-28	18.9 ±9.4 [0.74] ±[0.37]
JW 6H-UFADJ0	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC50-11.5-81-FS	CDS50-25	16.2 ±8.1 [0.64] ±[0.32]
JW 6H-UFAD70	CDS50		C083763	CF50	CDS50-31	21.6 ±10.8 [0.85] ±[0.42]	TC50-11.5-81-FS	CDS50-25	16.2 ±8.1 [0.64] ±[0.32]
JW 6H-UFAD80, AA80	CDS50 ^{1,2}	VA81A ^{1,3}	C083763	CF50	CDS50-31 VA81A-31	21.6 ±10.8 [0.85] ±[0.42]	TC50-11.5-81-FS	CDS50-25 VA81A-25	16.2 ±8.1 [0.64] ±[0.32]
JW 6H-UFAA60 3		VA81A ³	C083763	CF50	VA81A-31	21.7 ±10.9 [0.85] ±[0.42]	TC50-11.5-81-FS	VA81A-25	16.2 ±8.1 [0.64] ±[0.32]

NOTES:

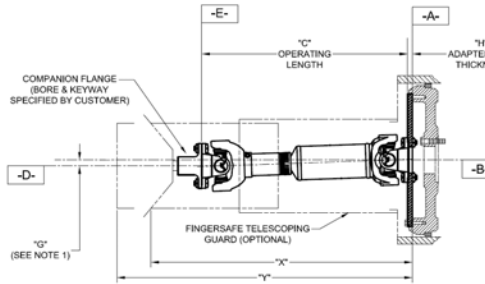
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DRAWN: JLS X.X: 413 4105 X.XX: 413 4105 P: 413 4105	CHECKED: JLS X.X: 413 4105 X.XX: 413 4105 P: 413 4105	DATE: 2/22/2018 DESIG: AHIGGINS DESIG: AHIGGINS	NAME: ENCLOSED UNIT TORSIONAL COUPLING AND/OR DRIVESHAFT SELECTION MATRIX PART NO: D769 SCALE: NTS UNIT: MM (INCH)
MATERIAL: ENCLOSEURE REDESIGN ANGLE: 4:12		SHEET: 1 OF 2	

DATUMS

- A- MOUNTING FACE OF FLYWHEEL
- B- ENGINE CRANKSHAFT CENTERLINE
- D- PUMP OR RIGHT ANGLE GEAR SHAFT HORIZONTAL CENTERLINE
- E- END OF PUMP OR RIGHT ANGLE GEAR SHAFT



Clarke Engines, UL/FM approved Heat Exchanger and Radiator Cooled Models	UL Listed Driveshaft Model	Non-Listed Driveshaft Model	Drive Disc	Companion Flange	Driveshaft Model Without Torsional Coupling (See Note 3)	"G" Vertical Parallel Offsets of Shafts	Torsional Coupling Model	Driveshaft Model With Torsional Coupling (See Note 3)	"G" Vertical Parallel Offsets of Shafts
DQ6H-UFAA 50	CDS50		C084947	CF50	CDS50-31	21.6 ±0.8 [0.85] ±(0.43)	TC45-14-8-FS	CDS50-28	18.9 ±9.4 [0.74] ±(0.37)
DQ6H-UFAA 60, 88, 98	CDS50		C084947	CF50	CDS50-31	21.6 ±0.8 [0.85] ±(0.42)	TC50-14-8-FS	CDS50-27	18.0 ±9.0 [0.71] ±(0.35)
JX6H-UFAF 0, AD60, ADK0, ADN0, ADPO, AD88		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC55-14-180.10-FS	VA2365-27	15.8 ±7.9 [0.62] 2±(0.31)
DR8H-UFAA 40, AA5G, AA68, AA62		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC55-14-180.10-FS	VA2365-27	15.8 ±7.9 [0.62] 2±(0.31)
DS0H-UFAA M 0, AA N 0, AA 68, AA 60, AA 92		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC55-14-180.10-FS	VA2365-27	15.8 ±7.9 [0.62] 2±(0.31)
DS0R-UFAA 67, AA 59		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC55-14-180.10-FS	VA2365-27	15.8 ±7.9 [0.62] 2±(0.31)
DS0H-UFAA 98		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC55-14-180.10-FS	VA2365-27	15.8 ±7.9 [0.62] 2±(0.31)
DT2H-UFAA 20, 58, 50		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC60-14-180.10-FS	VA2365-27	15.6 ±7.8 [0.62] 2±(0.31)
DT2R-UFAA 19, 49		VA2365	C084930	180-10	VA2365-31	19.6±9.8 [0.77] ±(0.39)	TC60-14-180.10-FS	VA2365-27	15.6 ±7.8 [0.62] 2±(0.31)
DT2H-UFAA 60, 92, 98		VA2390	C084930	180-10	VA2390-35	23.4 ±11.7 [0.92] ±(0.46)	TC60-14-180.10-FS	VA2390-31	19.5 ±9.8 [0.77] ±(0.38)
DT2H-UFAA 88		VA2390	C084930	180-10	VA2390-31	19.8 ±9.9 [0.78] ±(0.39)	TC60-14-180.10-FS	VA2390-27	15.6 ±7.8 [0.62] 2±(0.31)
CAT 18H0-UFA D 176-0460, UFA D 190-0488, UFA D 210-0488, UFA D 176-0510, UFA D 190-0525, UFA D 210-0525, UFA D 176-0542, UFA D 190-0575, UFA D 210-0575, UFA D 176-0600, UFA D 190-0600, UFA D 210-0600, UFA D 210-0650, UFA D 176-0687, UFA D 210-0700		VA2365	C084930	180-10	VA2365-33	21.3 ±10.7 [0.84] ±(0.42)	TC55-14-180.10-FS	VA2365-29	17.6±8.8 [0.69] ±(0.35)
C 18H0-UFA D 18, 10, 28, 20, 38, 30, 48, 40, 50 ² , 68, 70 ²									
CAT 18H0-UFA D 176-0650, UFA D 190-0650, UFA A 147-0700, UFA D 176-0700, UFA D 190-0700, UFA C 176-0755, UFA C 190-0755, UFA C 210-0755, UFA C 176-0800, UFA C 190-0800, UFA C 210-0800		VA2390	C084930	180-10	VA2390-33	21.7 ±10.8 [0.85] ±(0.42)	TC55-14-180.10-FS	VA2390-29	17.9±9.0 [0.71] ±(0.35)
C 18H0-UFA D 58, 50 ² , 78, 70 ² , C 18H0-UFA A 78, C 18H0-UFA C 18, 10, 28, 20									

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REVISIONS 1. 2/22/2018 2. 2/22/2018 3. 2/22/2018 4. 2/22/2018 5. 2/22/2018 6. 2/22/2018 7. 2/22/2018		DATE 2/22/2018		DESIGNER AHIGGINS	
APPROVED BY [Signature]		MATERIAL N/A		SCALE N/A	
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APPROVED BY [Signature]		MATERIAL N/A		SCALE N/A	

ENCLOSED UNIT TORSIONAL COUPLING AND/OR DRIVESHAFT SELECTION MATRIX
 D769
 NTS DATE MM (INCH) 1 2 OF 2