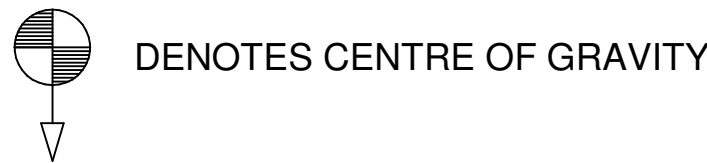
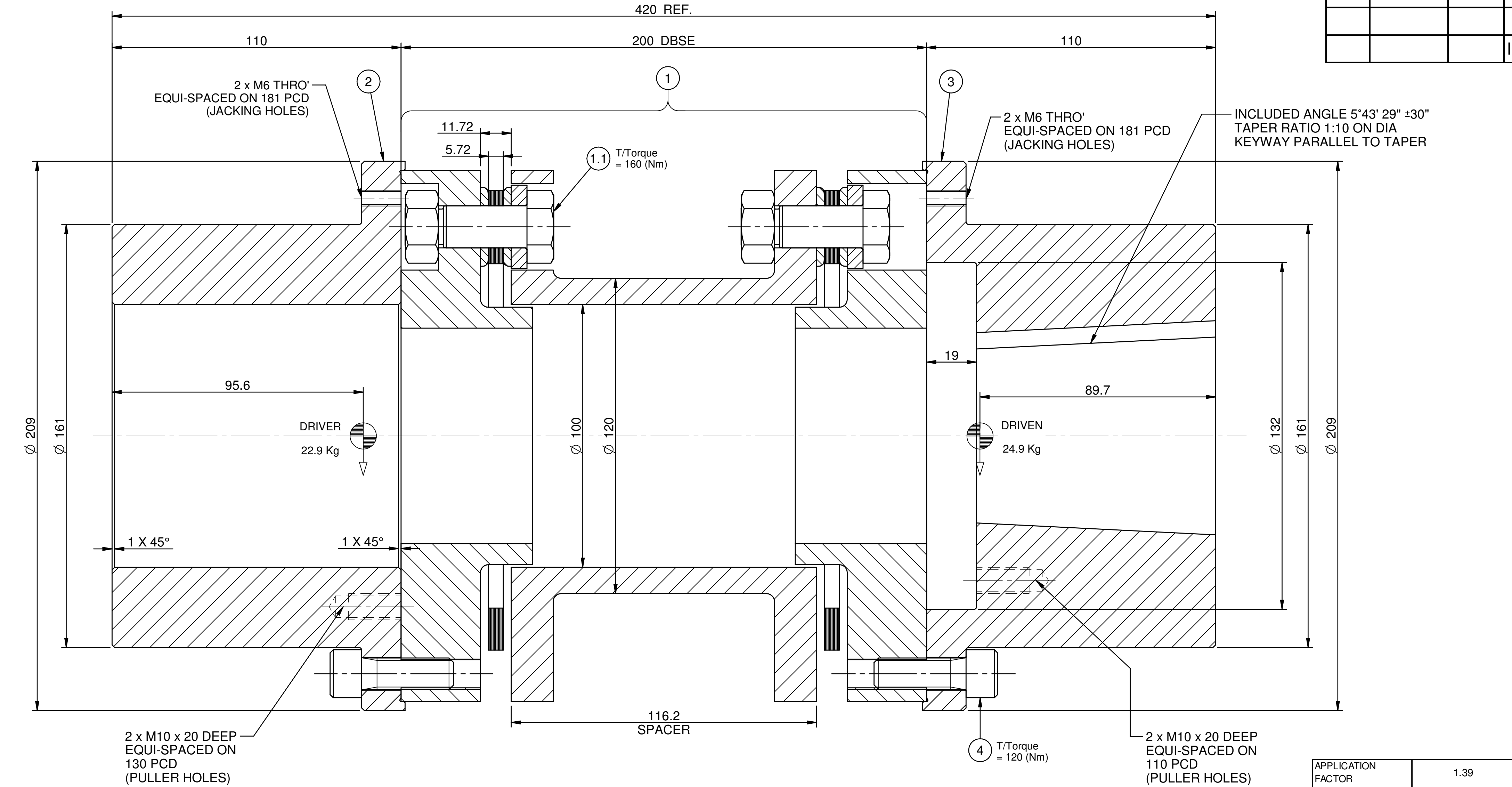


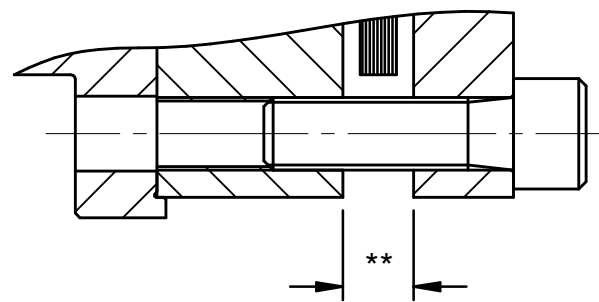
A	Ref :	B	Ref :	C	Ref : GCN#208974
- First issue		- Driver hub chnaged.		- Driven hub bore&keyway update.	
Drawn : OR	Date : 05/08/2019	Drawn : OR	Date : 09/08/2019	Drawn : JS	Date : 24/06/2020

Ref	Part No.	Mat'l Code	Drawing Number/ Legacy Code	Description	Material Specification	Qty
1	89181848	FX01	TLKS-0750-0000-2000	TRANSMISSION UNIT	STANDARD MATLS 'O' TYPE	1
2	90848889	0285	KH-011862-0285	DRIVER HUB	A350-07 LF3	1
3	90847115	0335	K00439720335	DRIVEN HUB	A29 (4140)	1
4	87117674	0225	FT402	BOLT SET	A574 (CHc)	2
			I - TLKS 0803	FITTING & MAINTENANCE INSTRUCTIONS		1



DENOTES CENTRE OF GRAVITY

DETAIL VIEW OF COMPRESSION BOLT



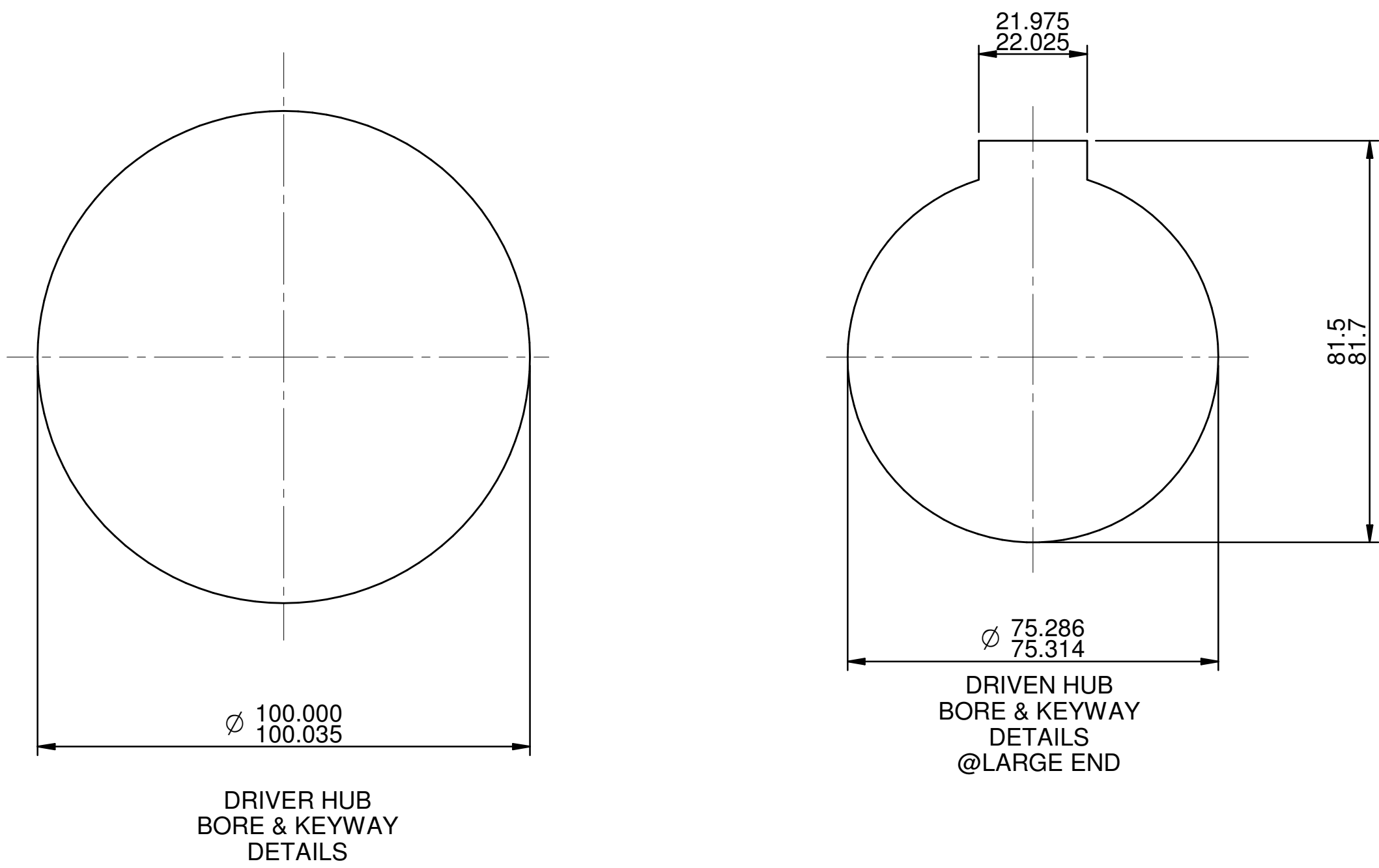
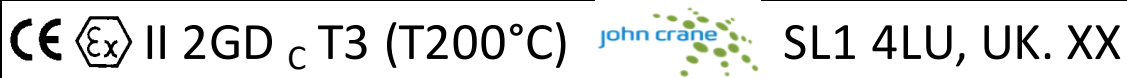
NOTES:

DRIVE BOLT ENDS POS 1.1 TO BE PAINTED YELLOW AND A NOTE ATTACHED INSTRUCTING THE CLIENT: "BOLTS PAINTED YELLOW MUST NOT BE REMOVED UNDER ANY CIRCUMSTANCES".

COMPRESSION BOLTS MAY BE USED TO FIT AND REMOVE TRANSMISSION UNIT ASSEMBLY. FIT BOLTS AND COMPRESS EACH MEMBRANE PACK BY EQUAL AMOUNTS UNTIL DIMENSION ** IS NOT LESS THAN 10.1.

COMPRESSION BOLTS ARE TO BE PAINTED RED AND A NOTE ATTACHED INSTRUCTING THE CLIENT THE IMPORTANCE OF REMOVAL PRIOR TO TIGHTENING OF STRIPPER BOLTS.

Coupling certified ATEX (XX= Year of manufacture)



MATERIAL	SPECIFICATION	ASIM	DESIGNATION
0453	X12 Cr Ni 17-7 1/2 dur	A 666 (UNS30100 AISI301)	Membrane
0285	S355 TYS(min) = 260MPa	A 350-07 LF3	Guard ring + Spacer + Driver hub
0336	42 Cr Mo 4 TYS(min) = 635MPa	A29(4140)	Overload collar + Spacer washer + Drive bolt
0416	ISO gr 8 (Nut) TYS(min) = 785MPa	F3125, A449	Nut
0335	42 Cr Mo 4 TYS(min) = 540MPa	A29(4140)	Driven hub
0225	ISO gr12.9 TYS(min) = 1058MPa	A574 (CHc)	Hub bolt + Gaggling bolt
FX01	Item 1 Composed of: 0453 + 0285 + 0336 + 0416		

John Crane reserve the right of using raw materials of an equal or superior quality level to the material indicated above.

RATED TORQUE [Nm]	PEAK TORQUE [Nm]	SPEED RPM
7163	14326	4600

BALANCING DATA

Specification: Inherent balance only to AGMA 9000-C90 class 9

REF.	COMPONENT	WEIGHT [kg]	INERTIA [kg m2]	TS [MNm/rad]
1	TRANSMISSION UNIT	20.9	0.1186	0.98
2	DRIVER HUB	12.4	0.0629	14.10
3	DRIVEN HUB	14.5	0.0651	6.47
-	TOTALS	47.8	0.2466	0.80

MISALIGNMENT CAPABILITY						
AXIAL DEFLECTION		AXIAL FORCE		PARALEL LATERAL MISALIGNMENT	ANGULAR MISALIGNMENT	ANGULAR STIFFNESS
[mm]		[kN]				
NORMAL	TRANSIENT	NORMAL	TRANSIENT	[mm]	[°]	[Nm/°]
±1.9	±2.85	2.8	6.3	±0.74	0.33	200

REF.	COMPONENT	SPARES PART No.	QTY.
1	TRANSMISSION UNIT	TLKS-0750-0000-2000	1
-	GUARD RING ASSEMBLY	7933-0750-4700	2
4	BOLT SET	FT402	2
-	GAGGING BOLT SET	FT414	1

DUTY	POWER	SPEED	TORQUE
NORMAL	1600 KW	2970 RPM	5144 N·M

CUSTOMER DATA			
CUSTOMER:	VLAVES SOFIA	PO No	186006-0381BA
CUSTOMER DRGS		ITEM	
JOHN CRANE REF		GPN	90847118
IPROJECTS No:	DOR135885	QTY	
PLANT ITEM No	CUSTOMER REF.: 6RM43D01		
END USER:	NPP KOZLODUY		
END USER LOCATION	BULGARIA		
DRIVEN EQUIPMENT		DRIVER EQUIPMENT	

COUPLING DESIGNATION		TLKS/0750/KA/GA232489
COUPLING DESCRIPTION		TLKS-0750-W037-2000
SCALE	1:1	DATE
31	2019-08-05	DRAWN
OR	JS	CHECKED
MG	CZ02	APPROVED
DESIGN AUTH.		
DRAWING No.		SHEET No
ISSUE		
GA-232489		1/1
C		