

REVISIONS									
REV.	DESCRIPTION	ECO NO.	DATE	REF.	ZONE	CHKD	APPD	REV.	ZONE
0	SUBMISSION FOR APPROVAL		03.02.12			PMS	SRR		
1	COMMENTS INCORPORATED		21.02.12			PMS	SRR		

34	326A	95312476	STUD - MECH SEAL	316 SS	06				
33	326	95258885	STUD - COL TO HEAD	316 SS	12				
32	323	82093683	SUCTION BELL BEARING	CARBON	01				
31	322	82313255	BOWL BEARING	CARBON	02				
30	319	82399361	WEAR RING - BOWL	A744 GR CF8M	316	02			
29	315	88471192	SUCTION CAN	316L SS	01				
28	312B	81910036	RING CLAMP	A479 TYPE 316 SS	01				
27	312	82078393	THRUST RING - SPLIT	316SS	02				
26	310B	81857419	BOWL - INTERMEDIATE	A351 GR CF3M 316L	01				
25	309	81857351	BOWL - TOP	A351 GR CF3M 316L	01				
24	309	81858292	BOWL ADAPTER	A351 GR CF3M 316L	01				
23	307	88408108	BEARING RETAINER	A351 GR CF3M 316L	01				
22	304	88471030	DISCHARGE HEAD	ALUMINUM	01				
21	131	-	COUPLING GUARD	316L SS	02				
20	127B	801836-76	PIPE COUPLING	316 SS	01				
19	127A	88471195	DRAIN PIPE 2	316L SS	01				
18	127	88471193	BRACKET - PIPE	316L SS	01				
17	117	82313255	BEARING SLEEVE	CARBON	01				
16	101	88471246	COLUMN PIPE - 65.63" LG	316L SS	01				
15	078B	88471194	BRACKET - PIPE	316 SS	01				
14	078A	82301888	BRACKET - PIPE	316 SS	01				
13	071	88471124	MOTOR STAND	IS2062 MILD STEEL	01				
12	070	81910028	COUPLING - SHAFT	A479 TYPE 316 SS	01				
11	055	81857597	SUCTION BELL - 18EN FLGD.	A351 GR CF3M 316L	01				
10	039	82091190	LINE SHAFT BEARING	CARBON	316L	01			
09	032	82079336	KEY - IMPELLER	316 SS	02				
08	026	95375473	SOC-HEAD CAPSCREW-IMPELLER	316 SS	12				
07	023	95375470	SOLE PLATE	IS2062 MILD STEEL	01				
06	014	82066358	SHAFT SLEEVE	316SS	01				
05	012A	88471126	TOP SHAFT - 25.60" LG	A479 TYPE 316L SS	01				
04	012	88471247	LINE SHAFT - 93" LG	A479 TYPE 316L SS	01				
03	008	82406299	WEAR RING - IMPELLER	A744 GR CF8M 316	02				
02	006	88471250	PUMP SHAFT	A479 TYPE 316L SS	01				
01	002	87175360	IMPELLER - 18ENL	A351 GR CF3M 316L	02				
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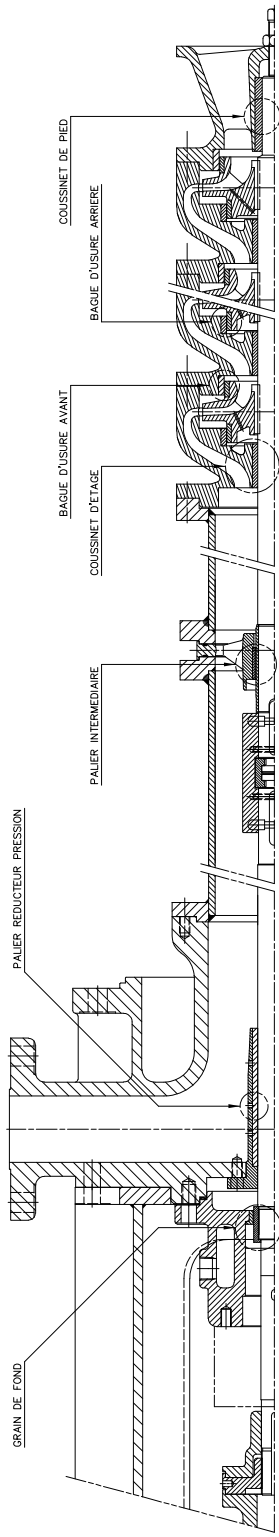


	7	1/2	NTS		UNITS	mm		SHEET NO.		2 of 2	
	SCALE		10		11		12				

10. FOR CROSS SECTION DRAWING, REFER DRAWING NO. FPD-CSD-EXP-11-15004-01  
11. FOUNDATION BOLT IS CUSTOMER SCOPE OF SUPPLY.

1. CONSULT THE INSTRUCTIONS MANUAL BEFORE INSTALLING THE PUMP.
2. DO NOT SCALE THIS DRAWING FOR DIMENSIONS.
3. ALL PIPE THREADS ARE STANDARD NPT.
4. ALL PIPES ARE AS PER ASTM B16.5
5. ALL FLANGES FROM PUMP MUST BE INDEPENDENTLY SUPPORTED AND THROUST & VIBRATION
6. WHEN LIFTING THE UNIT, DO NOT LIFT ON SHAFT EXTENSION OR ON
7. GASKET SHOULD BE HIGH STRENGTH, NON SHRINK GROUT MIX AND, IT
8. IMPPELLER TO BE RATED FOR PER ACTUAL PUMP PERFORMANCE
9. F-S PUMP MODEL, BEND-2 OF STAGES
10. L-IMPELLER DESIGN, 2-NO. OF STAGES.
11. FOR CROSS SECTION DRAWING, REFER DRAWING NO. FPD-CSD-EXP-001
12. FOUNDATION BOLT IS CUSTOMER SCOPE OF SUPPLY.





	1er ETAGE		2ème ETAGE		3ème ETAGE		4ème ETAGE		5ème ETAGE		6ème ETAGE		7ème ETAGE		8ème ETAGE		9ème ETAGE		10ème ETAGE		11ème ETAGE		12ème ETAGE		JEU HYDRAULIQUE	GRAIN DE FOND	PAILLER REDUCTEUR PRESSION	COUSSINET DE PIED
	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE	AVANT	ARRIERE				
JEUX HYDRAULIQUES :																												
ø INT B.U. CELLULES :	266.72	/	266.70	/																								
ø EXT B.U. ROUE :	266.00	/	266.01	/																						ø INT PIECE FIXE :	62.25	
ø EXT PIECE TOURNANTE :																										ø EXT PIECE TOURNANTE :	61.86	
JEUX RELEVÉ :	0.72	/	0.69	/																						JEUX RELEVÉ :	0.35	

JEUX HYDRAULIQUE		1er ETAGE	2ème ETAGE	3ème ETAGE	4ème ETAGE	5ème ETAGE	6ème ETAGE	7ème ETAGE	8ème ETAGE	9ème ETAGE	10ème ETAGE	11ème ETAGE	12ème ETAGE	JEUX HYDRAULIQUE	PALIER INTERMEDIAIRE
ø INT COUSSINET :		55.90	55.91											ø INT COUSSINET :	55.90
ø EXT ARBRE :		55.52	55.53											ø EXT ARBRE OU CHEMISE :	55.52
JEUX RELEV. :		0.38	0.38											JEUX RELEV. :	0.38

C	CLIENT : KENYA ELECTRICITY GENERATING COMPANY LTD
S	SITE : KENYA
U	UNITE :
R	RÉPÈRE :
N	N° DE SERIE : 1812014
T	TYPE ET TAILLE : 18 ENL — 2 ETAGES
T	TEMPERATURE : 100°C
N	N° DE REPARATION : RE371000046-01
N	N° OF : 2337785

☐ : RELEVÉ DE JEUX AU DEMONTAGE

JEUX HYDRAULIQUES REQUIS	
B.U. CORPS / B.U. ROUE AVANT	0.68 à 0.78
PALIER RED. PRESSION / ARBRE	0.24 à 0.41
COUSSINET D'ETAGE / ARBRE	0.24 à 0.41
COUSSINET DE PIED / ARBRE	0.24 à 0.41

[illegible]

## CERTIFICAT D'ÉQUILIBRAGE BALANCING CERTIFICATE

Certificat d'inspection selon EN 10204 3.1  
Examination certificate acc. EN 10204 3.1

371000046-001-81023-01

### AFFAIRE / CONTRACT

Fabrication / <i>Manufacturing</i> :	RE371000046-01	Type de pompe / <i>Pump type</i> :	18ENL
Cliant / <i>Customer</i> :	FLOWSERVE BV PMC - ETTEN-LEUR-8236-(317643	Contrat / <i>Contract</i> :	4500043286
Nom du projet / <i>Project name</i> :	DUPLICATE VERTICAL PUMP WITH MOTOR - TYPE	Repère client / <i>Tag item</i> :	P-001B
		OF / <i>Job number</i> :	2339715
Numéro vente / <i>Sales order nb</i> :	371000046	Quantité testée / <i>Quantity tested</i> :	2
N° plan qualité / <i>Quality plan nb</i> :	N/A	Date du test / <i>Test date</i> :	25-Aug-22

### COMPOSANTS A ESSAYER / COMPONENTS TO BE TESTED

OF / <i>Flowserve job schedule</i> :	2339715	Vitesse / <i>Speed</i> :	1500 tr/min
Équilibreuse / <i>Balancing machine</i> :	EQ300 Schenck	Poids / <i>Weight</i> :	22 kg
Composant / <i>Component</i> :	Roue/Impeller	Ø extérieur / <i>External Ø</i> :	367 mm
Code article / <i>Item N°</i> :	RC44900	Qualité d'équilibrage / <i>Balancing quality</i> :	2,5 g
N° coulée / <i>Heat N°</i> :		Balourd résiduel admissible : <i>Maximum allowable residual unbalance</i> :	1,91 g
N° étage / <i>Stage N°</i> :		Balourd résiduel moyen obtenu : <i>Average residual unbalance obtained</i> :	1.00 g
		Documents de référence : <i>Reference documents</i> :	NFE 90600/FPA Instruction 1005 rev 10

### RESULTAT / RESULTS

Critère d'acceptation / *Acceptance criteria* :  
Le résultat du test est conforme aux exigences / *The test results are in accordance with specifications*

Observations / *Remarks* :  
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<b>Contrôleur qualité</b> <b>QC inspector</b>  Date : 06-Oct-22 Nom / <i>Name</i> : DOUSSET, DENIS	<b>Visa client</b> <b>Customer stamp</b>  Date : Nom / <i>Name</i> :
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