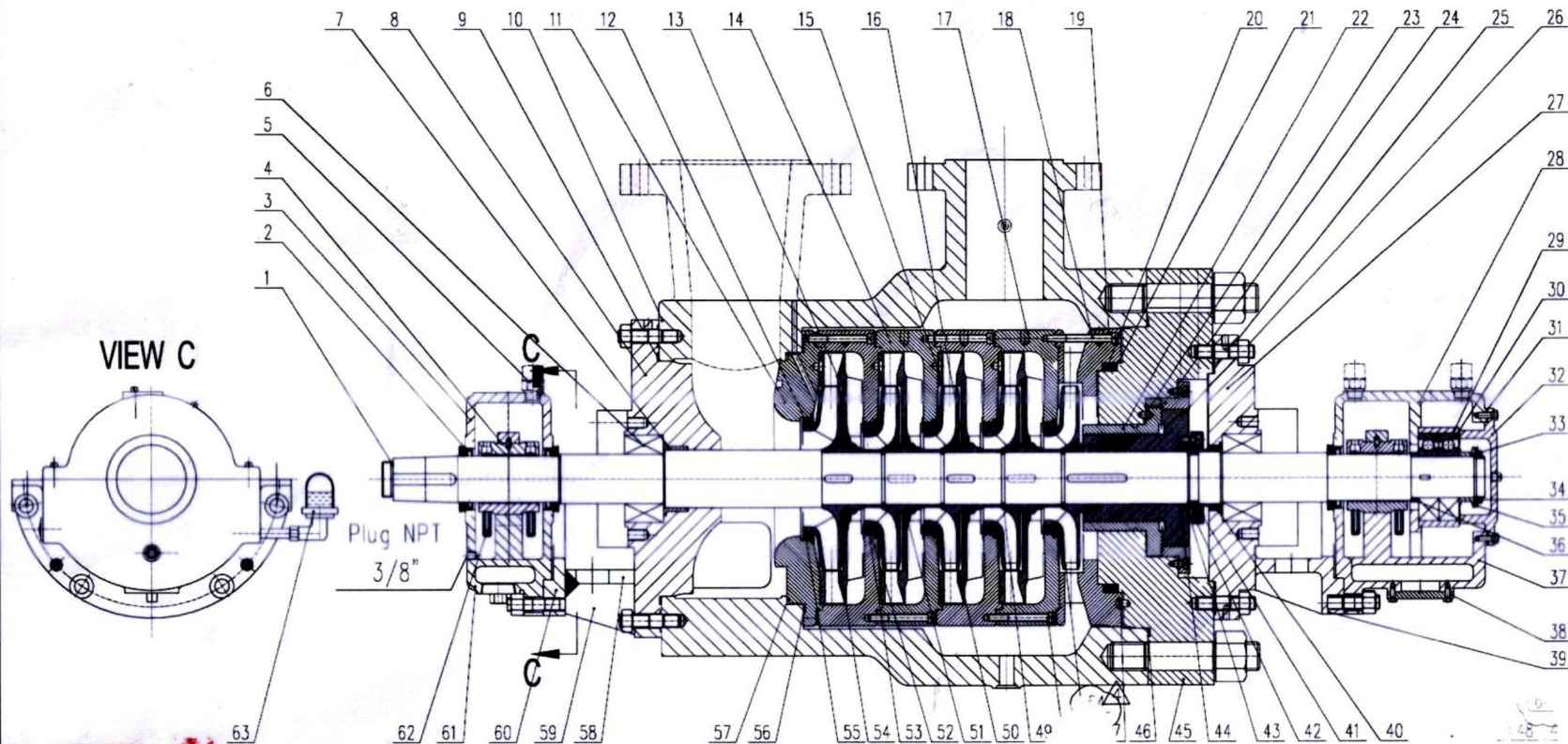




REFERENCE DRAWINGS			
General Assembly	Standard	Qtd	Rev.
Sub-Assembly	Standard	Qtd	Rev.
Part	Standard	Qtd	Rev.
Material	Standard	Qtd	Rev.
Finish	Standard	Qtd	Rev.
Notes	Standard	Qtd	Rev.

NOTES

NO	CODE	NAME	QTY	MATERIAL	REMARK	NO	CODE	NAME	QTY	MATERIAL	REMARK	NO	CODE	NAME	QTY	MATERIAL	REMARK
56		Wound Gasket $\Phi 600 \times \Phi 30 \times 4.5$	1	UNS S31803 + Graphit	STANDARD	28	S1210A-85-02	Bearing Cover for NDE	1	ASTM A216 Gr. WCB							
55	DT150-330X5-0106	First Impeller Wear Ring $\Phi 210$	1	ASTM A182 Gr. F51 HF		27	DT150-330X5-0009	Mechanical Seal House	1	ASTM A351 Gr. CD4MCu							
54	DT150-330X5-0105	First Impeller	1	ASTM A351 Gr. CD4MCu		26	DT150-330X5-0104	Blance Drum	1	ASTM A351 Gr. CD4MCu							
53	DT150-330X5-0107	Impeller Wear Ring $\Phi 190$	4	ASTM A182 Gr. F51 HF		25		Wound Gasket $\Phi 480 \times \Phi 310 \times 4.5$	1	UNS S31803 + Graphit	STANDARD						
52	DT150-330X5-0014	Interstage Wear Ring $\Phi 190$	4	ASTM A182 Gr. F51 HF		24	DT150-330X5-0011	Gland for Blance Plate	1	ASTM A351 Gr. CD4MCu							
51	DT150-330X5-0108	Impeller Wear Ring $\Phi 130$	4	ASTM A182 Gr. F51 HF		23		Pin $\Phi 10 \times 18$	1	ASTM A276-S31803	STANDARD						
50	DT150-330X5-0102	Impeller	4	ASTM A351 Gr. CD4MCu		22	DT150-330X5-0010	Blance Plate	1	ASTM A351 Gr. CD4MCu							
49	DT150-330X5-0109	Interstage Snap Ring	4	ASTM A182 Gr. F51		21		Gasket $\Phi 420 \times \Phi 390 \times 1$	5	ASTM A240-S31803	STANDARD						
48		Screw M12x110	12	ASTM A276-S31803	STANDARD	20		Wound Gasket $\Phi 420 \times \Phi 380 \times 4.5$	6	UNS S31803 + Graphit	STANDARD						
47		Pin $\Phi 12 \times 16$	1	ASTM A276-S31803	STANDARD	19	DT150-330X5-0007	Last Diffuser	1	ASTM A351 Gr. CD4MCu							
46		Wound Gasket $\Phi 580 \times \Phi 550 \times 4.5$	1	UNS S31803 + Graphit	STANDARD	18		Screw M12x120	4	ASTM A276-S31803							
45	DT150-330X5-0003-01	Rear Pump Casing (Cover)	1	ASTM A351 Gr. CD4MCu		17	DT150-330X5-0006	Last Interstage Casing	1	ASTM A351 Gr. CD4MCu							
44		O-Ring $\Phi 105 \times 5.7$	1	NBR	STANDARD	16	DT150-330X5-0015	Diffuser Sleeve	4	ASTM A351 Gr. CD4MCu HF							
43	DT150-330X5-0110	Adjusting Ring	1	ASTM A351 Gr. CD4MCu		15		Pin $\Phi 10 \times 12$	5	ASTM A276-S31803	STANDARD						
42	DT150-330X5-0112	Lock Ring	1	ASTM A351 Gr. CD4MCu		14	DT150-330X5-0005	Interstage Casing	3	ASTM A351 Gr. CD4MCu							
41	DT150-330X5-0111	Snap Ring	1	ASTM A351 Gr. CD4MCu		13	DT150-330X5-0007	Diffuser	4	ASTM A351 Gr. CD4MCu							
40	DT150-330X5-0016	Throat Bushing for NDE	1	ASTM A351 Gr. CD4MCu		12	DT150-330X5-0013	First Case Wear Ring	1	ASTM A182 Gr. F51 HF							
39	DT150-330X5-0003-02	Bearing Base Mounting Bracket for NDE	1	ASTM A216 Gr. WCB		11	DT150-330X5-0003	First Stage Casing	1	ASTM A351 Gr. CD4MCu							
38	S1210A-85-08	Water-cooling House Gland	1	ASTM A283M GrD		10	DT150-330X5-0001	Pressure Casing	1	ASTM A351 Gr. CD4MCu							
37	S1210A-85-01	Bearing House for NDE	1	ASTM A216 Gr. WCB		9		Wound Gasket $\Phi 460 \times \Phi 430 \times 4.5$	1	UNS S31803 + Graphit	STANDARD						
36	S1210A-85-06	Bearing Sleeve 85	1	ASTM A576 Gr. 1045		8	DT150-330X5-0002-01	Front Pump Cover	1	ASTM A351 Gr. CD4MCu							
35		Gasket $\Phi 56$	1	ASTM A576 Gr. 1045	STANDARD	7	DT150-330X5-0012	Throat Bushing for DE	1	ASTM A351 Gr. CD4MCu HF							
34		Nut M56X2-Left	1	ASTM A473 Type 410	STANDARD	6	DT150-330X5-0004-01	Mechanical Seal	2	Burgmann							
33	S1210A-85-04	Oil Ring Sleeve 85	1	ASTM A576 Gr. 1045		5	P95-85-06-0	Air Relief Plug 3/4"	3	S2304 Stainless Steel - Copper dynamic ring - Wear Gland							
32	S1210A-85-05	Bearing Gland 85	1	ASTM A216 Gr. WCB		4	S1210-85-03	Sliding Bearing 85	2	ASTM B564 CR3800 + Babbitt							
31		Gasket $\Phi 250 \times 220 \times 0.2$	1	Wood Pire		3	S1210-85-02	Bearing Cover for DE	1	ASTM A216 Gr. WCB							
30		Angular Contact Ball Bearing	2	7314 SKF		2		Deflector 85	3	ASTM C22000-A276-S32100-NBR							
29	S1210A-85-10	Antirotaion Bearing Sleeve	1	ASTM A576 Gr. 1045		1	DT150-330X5-0101	Shaft	1	ASTM A276-S31803							

NO	CODE	NAME	QTY	MATERIAL	REMARK
64	DT150-330X5-0103	Last Impeller	1	ASTM A351 Gr. CD4MCu	
63	S1210-72-0	Constant Level Filter	2	ASTM A199 Gr. 304	
62	S1210-85-07	Oil Ring	4	ASTM B135 C28000	
61	S1210-85-01	Bearing House for DE	6	ASTM A216 Gr. WCB	
60	DT150-330X5-0002-05	Flange	1	ASTM A283M GrD	
59	DT150-330X5-0002-04	Stiffened Plate	6	ASTM A283M GrD	
58	DT150-330X5-0002-03	Connecting Plate	1	ASTM A283M GrD	
57		O-Ring $\Phi 435 \times 5.7$	1	NBR	STANDARD