



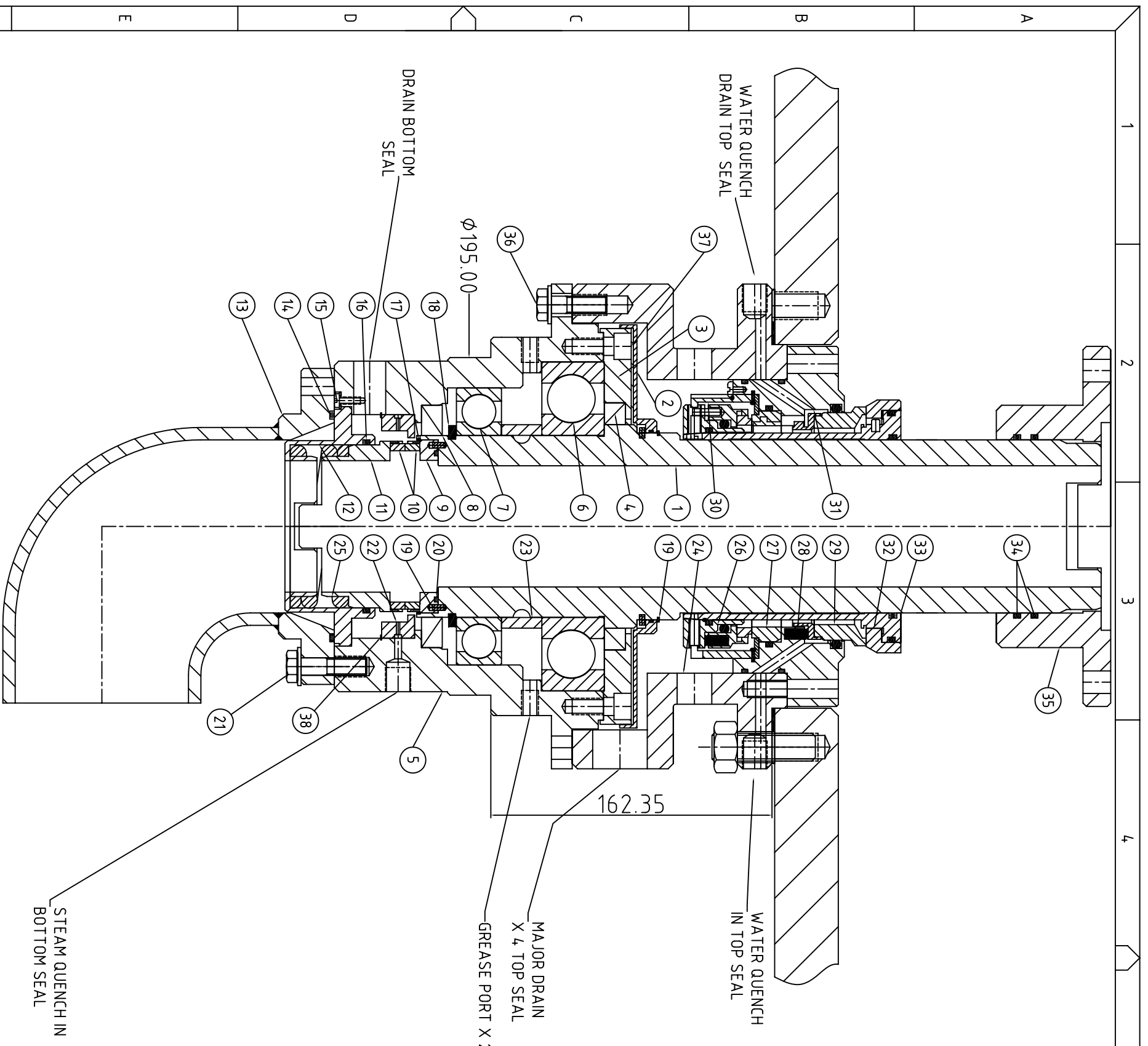
**TRISEAL PTY LTD**  
*Protecting Industry and the Environment™*

**ROTARY UNIONS**



## Features

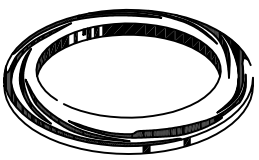
- 316S/S and Duplex 2205 alloys of construction to suit hyper saline water
- High Nickel Welded metal bellows mechanical seal
- Silicon carbide seal faces for high solids and crystallising liquids
- High temperature capabilities up to 300 C
- Available in Metric threads and BSP / NPT from 3/4 through to 4.0 sizes
- Custom engineered designs for special customer applications, see attached



ITEM QTY	PART NO.	MATERIAL	DESCRIPTION
1	1	TC3581	316S/S MAIN SHAFT 100MM
2	1	TC3026	316S/S LABYRINTH DISC
3	1	TC3025	316S/S OUTER LIP SEAL HOUSING
4	1	TC12325 V	VITON LIP SEAL 4.62 X 5.62 -50
5	1	TC3590	K1045 HT STEEL BEARING / UNION HOUSING
6	1	6221 C3	STEEL BEARING
7	1	6021.C3	STEEL BEARING
8	1	TC12697 V	VITON LIP SEAL 105 X 14.0 - 12
9	1	TC3589	316S/S MR ADAPTER
10	2	TC2330-X50	SILICON CARBIDE ROT / STATIONARY INSERT
11	1	TC3586-X50	316S/S 1508 STATIONARY SHELL
12	1	TC3583	316S/S SPRING HOUSING
13	1	TC3587	K1045 HT STEEL FLANGE / 90° SHORT ELBOW
14	1	513PR-250	EPR ORING
15	2	8#-32UNC X.750	316S/S PAN HEAD PLUS WASHER
16	1	513PR-240	EPR ORING
17	1	1.1 S/S W/W	S/S RETAINING RING
18	1	14.00-1050-A	STEEL CIRCLIP
19	6	TC2372-11	S/S PIN
20	1	513PR-152	EPR ORING
21	6	M12 X 35	HT STEEL BOLT & WASHER
22	1	TC3612	BRONZE STEAM BAFTEL
23	1	TC3614	STEEL BEARING SPACER
24	1	TC3582 A	K1045 HT STEEL PEDISTAL
25	1	TC2350-547 SH	304S/S COIL SPRING
26	1	WC11307	316S/S DRIVE COLLAR
27	1	WC10744	SILICON CARBIDE SEC SEAT
28	41	NZ-C4545-903-N30	HASELLOY C COIL SPRING
29	1	WC10739	NI TUNGSTEN CARBIDE STATIONARY HEAD
30	1	WC11310	GF PTFE SETTING BUSH
31	1	TC3692	316S/S SEAL PLATE
32	1	WC10740	NI TUNGSTEN CARBIDE ROTARY HEAD
33	6	WC10743	316S/S CARTRIDGE SLEEVE
34	2	513PR-242	EPR ORING
35	1	TC3611	HT STEEL FILTER DRIVE FLANGE
36	6	M12 X 25	HT STEEL BOLT & WASHER
37	6	M10 X 25	HT STEEL ALUM HEAD CAP SCREWS
38	1	VH-500-S20	S/S RETAINING RING

NOTE : PART NUMBERS 26 TO 33 ARE PART OF HSS 100 SEAL, GA TC3693.

FLUID	RAW SODIUM SILICA	PUMP MAKE	ALFA LAVAL
TEMP.	80 C	PUMP TYPE	VERTICAL ROTARY
VISC.			FILTER
VP		PUMP SIZE	
SUCT. PRESS.	7 BAR	SER No.	
DISC PRESS.	7 BAR	S/BOX No.	
S/BOX PRESS.	7 BAR	ITEM No.	
SPEED	120 RPM MAX	PIPING PLAN	



**TRISEAL PTY LTD**  
Protecting Industry and the Environment

ACN 066 343 495  
UNIT 2/30 ACHIEVEMENT WAY  
WANGCARA WA 60065  
Ph : 08 9302 3833  
Fx : 08 9302 2933  
EMAIL : triseal@ca.com.au

DATE	16/09/2006	CUSTOMER	TRISEAL
CHECKED		END USER	VARIOUS
DRAWN	REILLY	SEAL CODE	TC HSS-3498NND-0100
SCALE		TITLE	GENERAL ASSEMBLY
SHEET SIZE	A3	DRAWING NUMBER	TC3498
		REVISION	