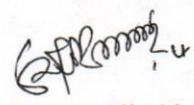


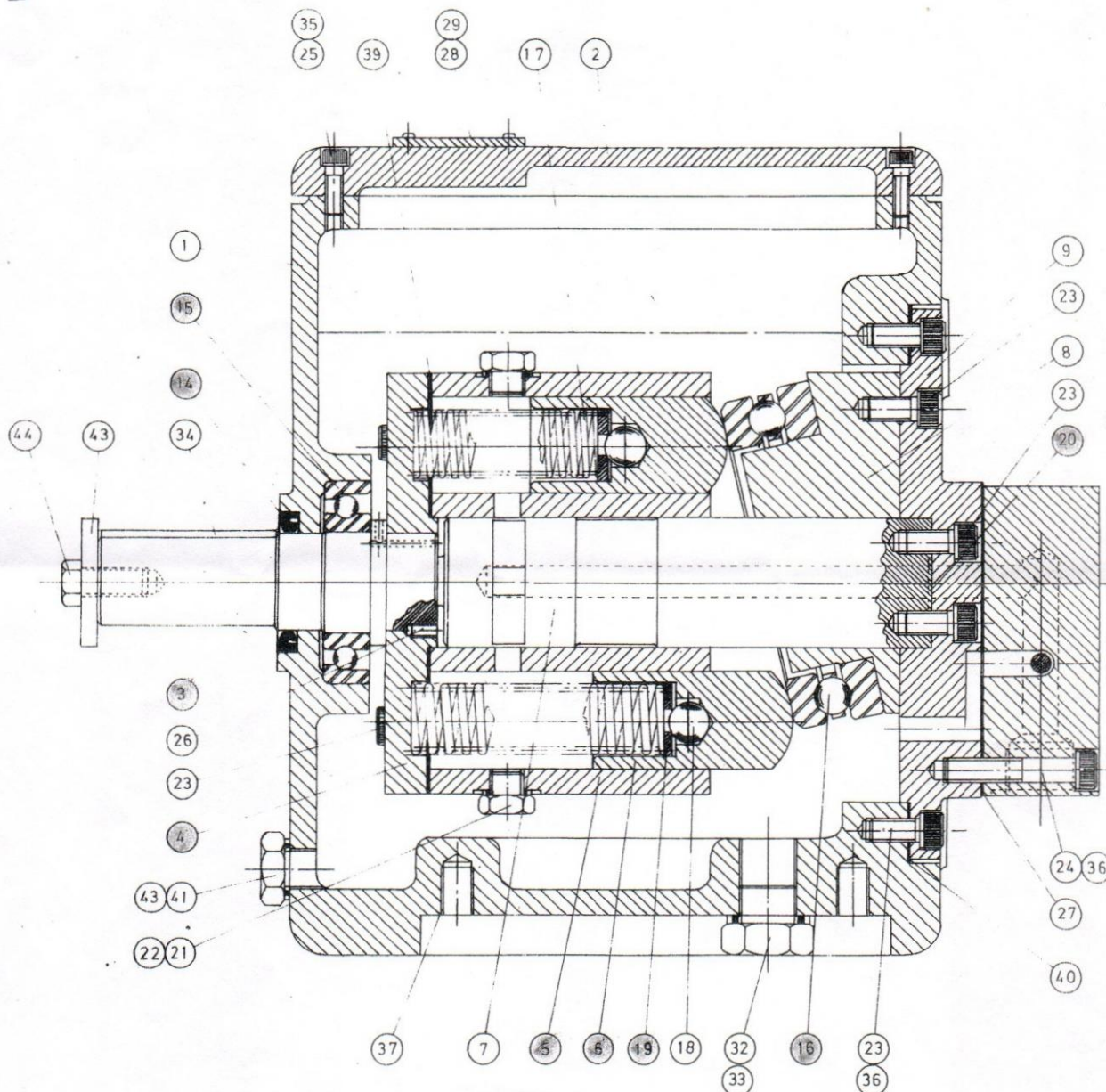
SPECIFICATION OF STEERING TELEMOTOR PUMP & STEERING SYSTEM RAM
BNS SANGU

1. Purpose : To Steer the ship.
2. Porting : Side standard (End Optional)
3. Maximum stable flow through relief Valve : 6 GPM
5. Capacity : 1.0 to 6.0 GPM @ 1800 rpm
6. Pressure : Upto 2500 Psi
7. Mounting : Four-boit flange.
8. Type : KLCS 20
9. Weight : 1-3/4 to 3 pounds.
10. Drive : 9/16" Diameter shaft with 1/8" square key.
11. Seal : Temperature and Dirt resistant double lip shaft seal.

S. No	Drawing No	Description	Deno	Qty	Remarks
1.	KLC15352	Drive shaft	No	01	
2.	KLC15351	Drive plate	No	01	
3.	KLC15347	Cylinder barrel	No	01	
4.	KLC15348	Piston, 1.5 inch Dia	No	06	
5.	SM38557	Main shaft seal	No	01	
6.	LJT-40	Main shaft bearing	No	01	
7.	N51218	Thrust Bearing	No	01	
8.	KLC15783	Washer	No	06	
9.	RMO181-16	'O' ring	No	02	

S. No	Patt No	Description	Deno	Qty	Remarks
1.	PP45-B	1/4" BSP Dowty seal	No	02	Drg. item-16
2.	R2949	single acting fluid seal hall and hall	No	01	Drg. item-21
3.	JW67-60	Wiper seal walkers	No	01	Drg. item-22
4.	71-1150	'O' Ring walkers	No	02	Drg. item-23
5.	70-0500	'O' Ring walkers	No	01	Drg. item-24


M SALEH AKRAM
 Lt BN
 Engineer
 BNS SANGU



ITEM	DESCRIPTION	DRG N°	N°OFF
1	CASE	KLA15614	1
2	TOP COVER	KLB15613	1
3	DRIVE SHAFT	KLC15352	1
4	DRIVE PLATE	KLC15351	1
5	CYLINDER BARREL	KLC15347	1
6	PISTON (1.5" DIA)	KLC15348	6
7	SPOOL	KLC18943	1
8	TILT PLATE (1" STROKE)	KLC17548	1
9	BACK COVER	KLB15346	1
10	VALVE BLOCK	KLC15354	1
11	STOP PLUG	KLC15355/1	2
12	SHUTTLE VALVE	KLC14800	2
13	SHUTTLE	KLC17453/1	1
14	MAIN SHAFT SEAL GACO MISEAL N° SM38557		1
15	MAIN SHAFT BEARING R&M LJT40		1
16	THRUST BEARING ISO N° 51218		1
17	PISTON SPRING FLEKO 363840		6
18	HARD STEEL BALL .625 DIA		6
19	WASHER	KLC15783	6
20	O RING R/M0181-16		2
21	DOWTY SEAL 1/4 BSP PP45B		6
22	PLUG 1/4 BSP	KLC17439/2	2
23	SOC. HD. CAP SCREW 3/8 UNC x 3/4 LG		17
24	SOC. HD. CAP SCREW 3/8 UNC x 2 LG		7

ITEM	DESCRIPTION	DRG N°	N°OFF
25	SOC. HD. CAP SCREW 1/4 UNC x 3/4 LG		8
26	SOC. SET SCREW 1/4 UNF x 3/8 LG		3
27	GASKET	KLC15509	1
28	NAMEPLATE (CHROME PLATED)	KLC14732	1
29	N° 8 x 1/2 LG HAMMER DRIVE SCREW		4
30	DIPSTICK	KLC17090	1
31	DOWTY SEAL (3/4 BSP) PP45F		1
32	PLUG (1/2 BSP)	KLC17439/4	1
33	DOWTY SEAL (1/2 BSP) PP45D		3
34	RECT. PARA KEY 3/8 x 1/4 x 2 11/16 LG (1 RD. END)		1
35	HELI-COIL INSERT REF N° 1/85-4 1/2 LG ST. ST.		8
36	HELI-COIL INSERT REF N° 1/85-6 9/16 LG ST. ST.		13
37	HELI-COIL INSERT REF N° 1/85-8 3/4 LG ST. ST.		4
38	HELI-COIL INSERT REF N° 1/85-10 15/16 LG ST. ST.		4
39	GASKET	KLC15782	1
40	GASKET	KLC15241/16	1
41	PLUG (3/8 BSP)	KLC17093	1
42	DOWTY SEAL (3/8 BSP PP45-C)		1
43	END WASHER	KLC17285	1
44	HEX HD BOLT 7/16 UNF 3/4 LG		1

