



NOTES :  
\* 1) PART NO. : 1822 -THICKNESS TO BE ADJUSTED ON ASSEMBLY.  
2) TOTAL AXIAL FLOAT (MINIMUM) : 2 X LIFT OF ROTOR.  
LIFT THE ROTOR BY 3 ± 2 MM.

-	NON WETTED FASTENERS	AS RECD	ASTM A276 GR SS304
-	WETTED FASTENERS	AS RECD	
4910	SUCTION BELL MOUTH.	1	Q1S 210 GR FG280
4900	SUCTION STRAINER.	1	ASTM A276 GR SS304
4890	SOLE PLATE.	1	MS
4830	FLEXIBLE COUPLING. (PUMP HALF).	1	Q1S 210 GR FG280
4700	OIL LEVEL INDICATOR.	1	WFG. STD
4680	FLEXIBLE COUPLING. (MOTOR HALF).	1	Q1S 210 GR FG280
4640	FOUNDATION BOLTS	8	M.S. IS: 2082, GR.B.
4250-4	'O' RING. (R.M. PIPE).	5	
4250-3	'O' RING. (STUFFING BOX).	1	NITRILE RUBBER.
4250-1	'O' RING. (SUCT BELLMOUTH & TYPER HO).	2	
4250	'O' RING. (DIFFUSER)	2	
4080-2	GASKET. (BRG HOUSING & BRG. COVER)	1	
4080-1	GASKET. (FOR BRG. HOUS. & PLATE)	1	CHAMPION AF 120.
4080	GASKET. (OIL RETAINER BUSH & OIL RETAINER PLATE)	1	
3280-1	KEY. (RATCHET HOLDER PLATE)	1	
3280	KEY. (THRUST BLOCK)	1	ASTM A276 GR SS410
3260	KEY. (SOLID MUFF COUPLING)	10	
3250	KEY. (FLEXIBLE COUPLING)	1	
3210	KEY. (IMPELLER)	2	
3031	LOCK NUT. (IMP)	2	
3012	THRUST BRG. LOCK NUT. (R.H.)	1	WFG. STD.
2883	THRUST BLOCK.	1	
2882	BRG. HOUSING.	1	CL. IS: 210. GR. FG280.
2880	BRG. COVER WITH RATCHET.	1	ASTM A743. GR. CA15.
2834	INTERMEDIATE BRG. SLEEVE.	4	ASTM A276 GR SS420
2832	PUMP BEARING SLEEVE.	2	
2830	BEARING BUSH. (PUMP).	2	FEROFRON T127(C/P Marine(g3c))
2811	OIL RETAINER PLATE.	1	M.S. IS: 2082. GR.B.
2810	OIL RETAINER BUSH.	1	M.S. IS: 2082. GR.B.
2802-1	BEARING BUSH. CARRIER	1	Q1S 210 GR FG280
2801-1	BEARING BUSH. (STUFF BOX)	1	FEROFRON T127(C/P Marine(g3c))
2801	BEARING BUSH. (INTERMEDIATE)	4	
2732	COOLING COIL.	1	COPPER
2602	SPHERICAL ROLLER THRUST BRG.	1	29324E
2410	GLAND PACKING	1	PTFE
2401	LOOSE STUFFING BOX	1	
2301	LOGGING RING	1	Q1S 210 GR FG280
2311	GLAND	1	
2106	GLAND SLEEVE.	1	ASTM A276 GR SS420
2070	WATER DEFLECTOR	1	NITRILE RUBBER
2060	SPLIT COLLAR.	5 SETS	ASTM A276 GR SS420
2050	SOLID MUFF COUPLING.	5	
2007	RATCHET HOLDER PLATE.	1	ASTM A216. GR.WCB.
2004	RATCHET PIN.	6	SS 410. HARD CHROME PLATED.
2001	RATCHET BUSH.	6	EN 24. NICKEL PLATED.
1822	ADJUSTING RING.	1	M.S. IS: 2082. GR.B.
1821	ADAPTER PLATE (BRG HSG)	1	
1805	INTERMEDIATE SHAFT.	4	
1804	TOP SHAFT.	1	ASTM A276 GR SS420
1800	PUMP SHAFT.	1	
1650	IMPELLER NOSE CAP.	1	CF8M
1504	IMPELLER.	2	ASTM A743 GR CF8M
1181	NECK RING (NDE)	4	IS 318 GR LTB5
1160	CONNECTING PEICE	1	Q1S 210 GR FG280
1152	RIISING MAIN PIPE. (TOP).	1	
1151	RIISING MAIN PIPE. (INTERMEDIATE).	3	
1150	RIISING MAIN PIPE. (BOTTOM).	1	MS
1041	DEL.Y. BEND CUM MOTOR STOOL	1	
1030-1	DIFUSER.(DEL.Y)	1	
1030	DIFUSER.	1	Q1S 210 GR FG280
REF.	DESCRIPTION.	QTY.	MATERIAL.

WILLO

CROSS SECTION OF  
VMF 17A. 2 STAGE PUMP

WILLO MATHER AND PLATT PUMPS PVT. LTD.,PUNE-19.

SCALE: N.T.S.

DRAWING No.

81357298-10 CS

DRAWN BY

ASP

24.11.25

CHECKED BY

VMS

24.11.25

APPROVED BY

VMS

24.11.25

REV.

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REV.

01

PART NO. 1600 REMOVED AS NOT APPLICABLE.

REVISION

ZONE

DATE

INITIAL

CHD.