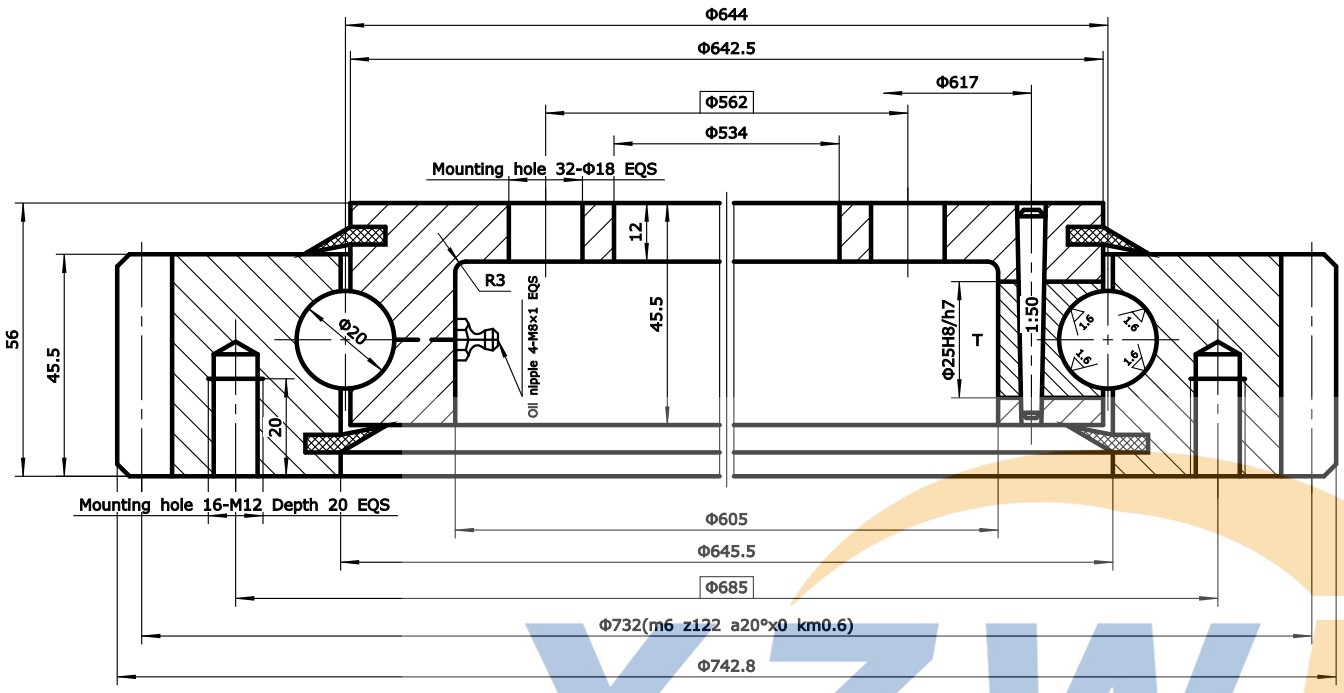
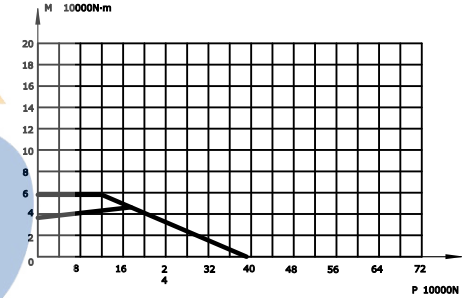
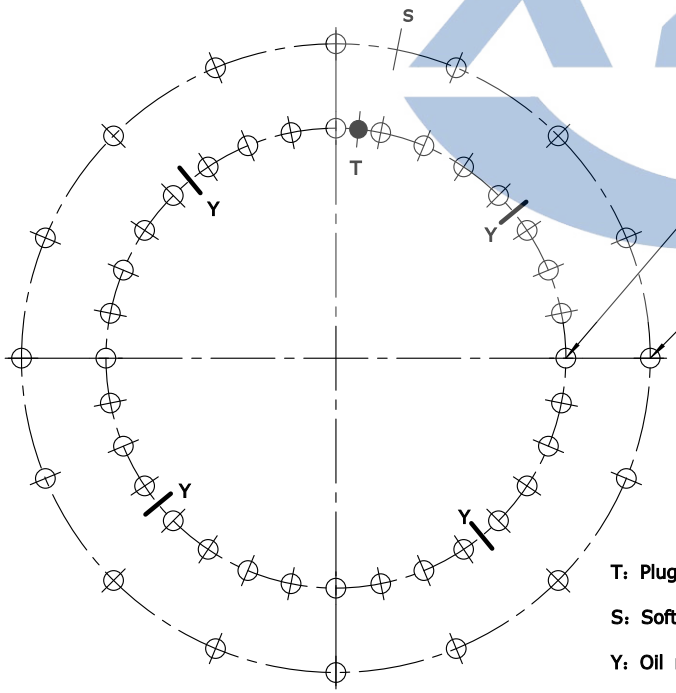
Module	m	6
Teeth no.	z	122
Teeth pressure angle	α	20°
Modification coefficients	x	0
Reduction coefficients	km	0.6
Precision(GB10095-88)		10
Average base tangent length and deviation	W	249.38 $^{-0.35}_{-0.60}$
Spanned tooth count.	k	14
Base tangent length change tolerances	Fw	0.13







T: Plug location

S: Soft Zone

Y: Oil nipple

Mounting hole 32-Φ18 EQS
⌖ Φ0.5 A

Mounting hole 16-M12 Depth 20 EQS
⌖ Φ0.5 A

U.O.N 6.3

Notes:

1、Unspecified chamfer: 1.0×45°
Through hole chamfer: 1.0×45°
Threaded hole chamfer: 2.0×45°
Edges chamfer

2、Raceway of inner &outer ring induction harden.
Hardness:55~62HRC
Depth:≥3.0mm

3、Inner & outer ring quenched & tempered,
Hardness: 207~262HB

4、Radial clearance: 0.10~0.35 mm
Axial clearance: 0.10~0.35 mm

No.	Standard	Component	Material	Model	Qty	Remark
08	HG/T2811	Seals	NBRI-3	W17	2	
07	GB117-76	Pin	CN45	Φ5×45	1	
06		Plug	CN45	Φ25	1	
05	JB/T7940.7	Oil nipple	Component	M8×1	4	
04	GB/T699	Inner ring	50Mn		1	
03	GB/T308-2002	Ball	GCr15	19.844	83±1	
02	HG/T2349	Spacer	Nylon	D20	83±1	
01	GB/T699	Outer ring	50Mn		1	

Model	WD-231.20.0644	Drawing		Weight	47.2kg
Name	Slewing Bearing	Qty		Scale	
Material	50Mn	Total 1 page		The 1st page	

Design		Standard	
Check			
Process		Approve	
Date			

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