

Contractor:  KARAVAR-IRANAB Consultant Engineers	Owner:  Tehran City Water and Wastewater Company	Consultant:  OMRAB ENG. CO - BHU.
--	--	---

Thehran 7th Water Treatment Plant

Doc. Title: SLEWING BEARING DATASHEET	Doc. No:	Date: 01.19.2012	Rev.: 00	Page:
--	-----------------	-------------------------	-----------------	--------------

SLEWING BEARING DATASHEET

Location	Clarifier lamella	Scope of Supply	[x] Slewing bearing
Quantity	4		
Equipment Tag No.	N.A		
P&ID Drawing	288-89/DW-PR/00-00000-0/7,8 of 26		
Manufacturer/Country	*		
Model	*		

GENERAL DATA

Type	External gear	Bearing loads	
Mounting Position	Horizontal	Axial load	85 [kN]
Movement	Continous rotation	Resulting moment	185 [kN.m]
No. of Revolutions	0.03 [rpm]	material	C.S
max.Output torque	170 [kN.m]		
Service factor	1.25		

ORDER DOCUMENTATION

Auxiliary connection plan*	Technical Data Sheet*
-----------------------------------	-----------------------

SITE CONDITION

Location	[] Indoor [x] Outdoor	Sandstorm	[] YES [x] NO
Ambient Temp (Max/Min)	43 °C / -12 °C	Seism Factor	0.35 [G]
Elevation	1230 m		
Humidity	30-56 %		
Earthquake	YES		

GENERAL

Area classification	SAFE	Shipping weight	* [KG]
Type of test	*	Shipping volume	* [m3]
Shop inspection	[] YES [x] NO	Floor Area L x W	* [m2]
Nameplate Language	International		

NOTES

* To be Specified by Vendor
** To be Verified by Vendor
Note 1 - Drawings/Documents to be supplied by Vendor : Lay-out, dimensional and sectional drawing
Note 2 - Material substitutions are subject to Purchaser's written approval.
Note 3 - Filter elements should be interchangeable.