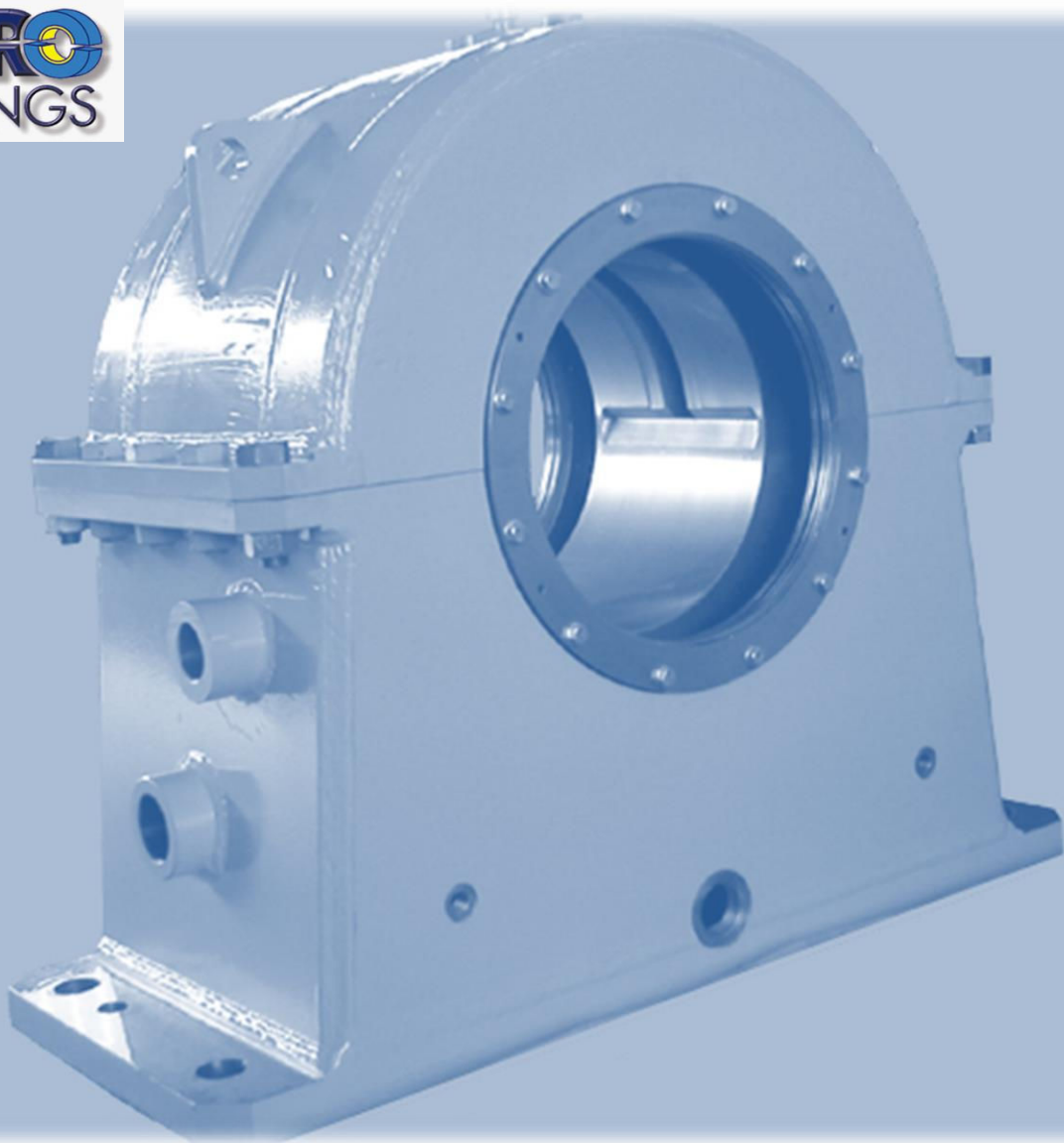




Horizontal Bearings

EUB Range

YOUR RELIABLE PARTNER IN



HYDRO
TURBINES



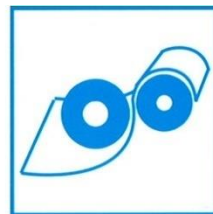
STEAM/GAS
TURBINES



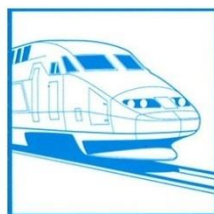
CEMENT
PLANTS



SHIPBOARD
APPLICATIONS

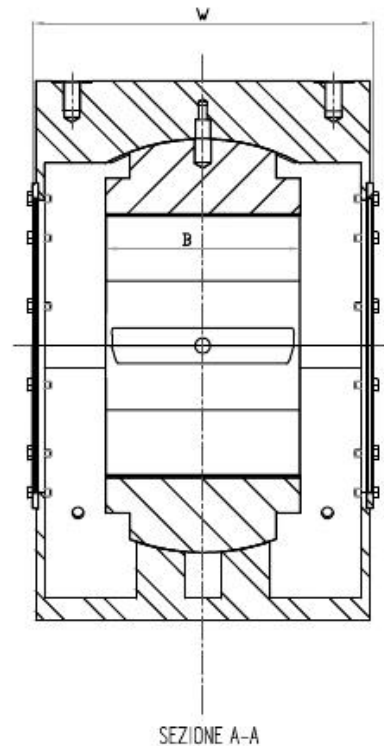
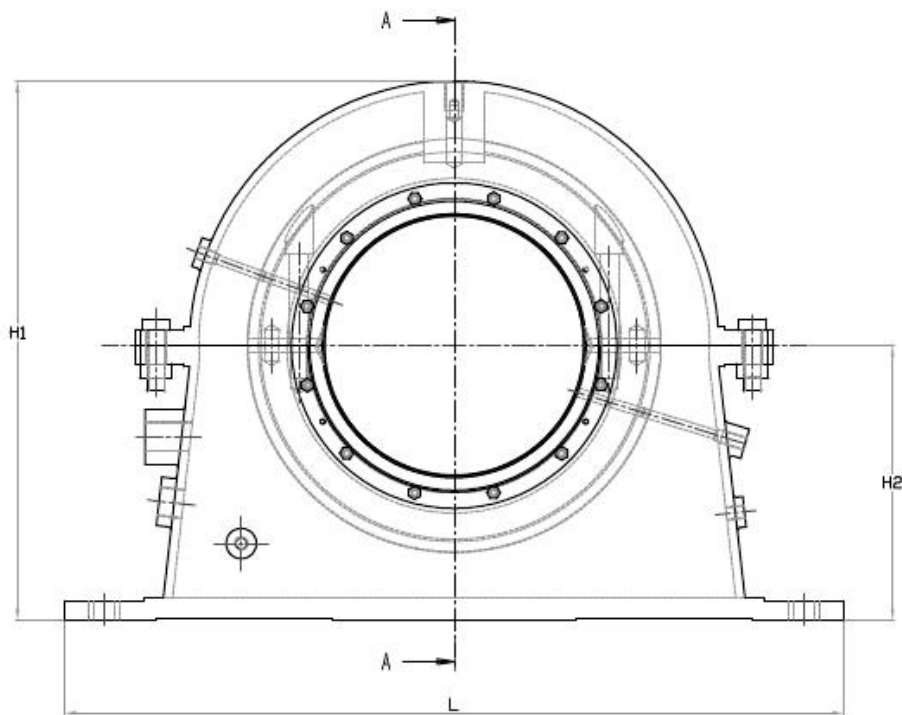


ROLLING
MILLS



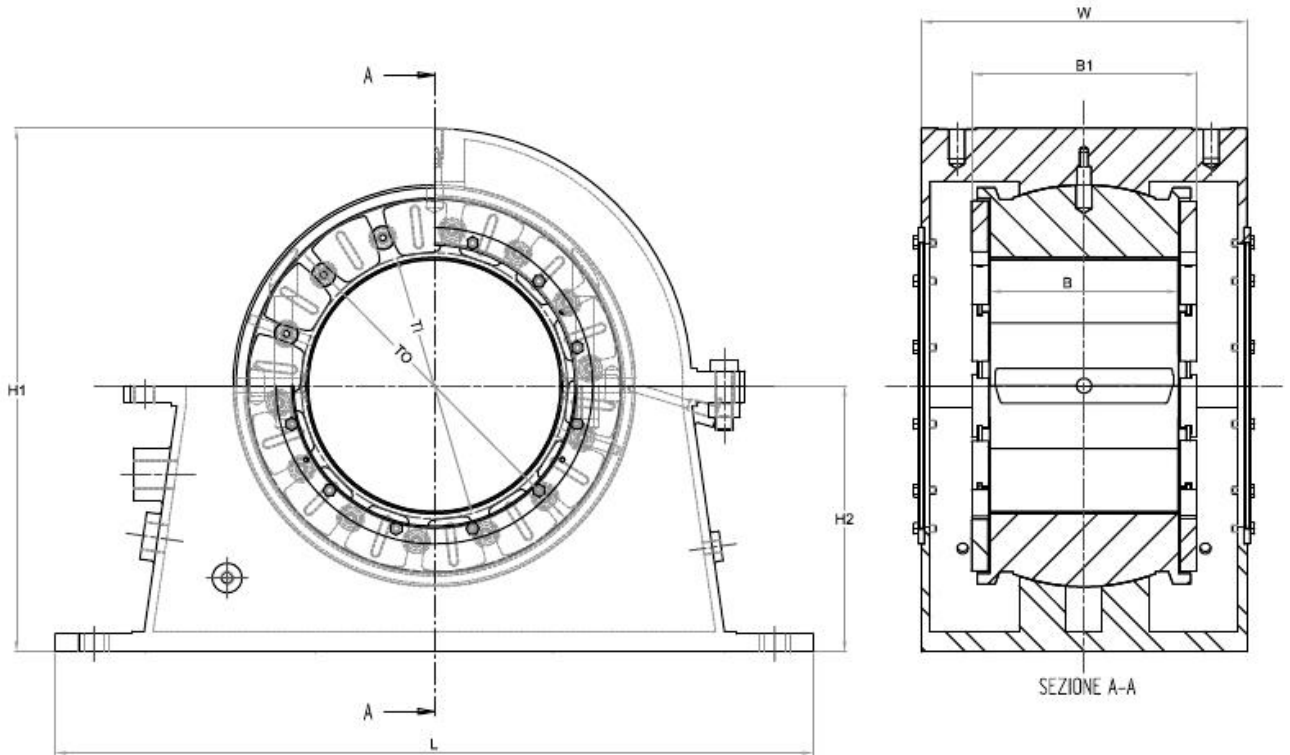
RAILWAYS
INDUSTRIES

Journal bearings



BEARING DIMENSIONS						
Nominal shaft Dia.	B	W	L	H1	H2	Load [kN]
300	225	470	1150	760	390	135
315	240	470	1150	760	390	135
335	240	470	1150	760	390	170
355	270	500	1210	820	420	170
375	270	500	1210	820	420	230
400	320	550	1250	885	450	230
425	320	550	1250	885	450	280
450	340	570	1300	910	470	280
475	340	570	1300	910	470	340
500	375	600	1350	960	500	340
530	375	600	1350	960	500	430
560	420	650	1410	1020	530	430
600	420	650	1410	1020	530	550
630	470	700	1480	1090	560	550
670	470	700	1480	1090	560	700
710	530	760	1560	1170	600	700
750	530	760	1560	1170	600	900
800	600	830	1650	1260	650	900
850	600	830	1650	1260	650	1100
900	675	900	1750	1360	700	1100
950	675	900	1750	1360	700	1400
1000	750	980	1850	1460	750	1400

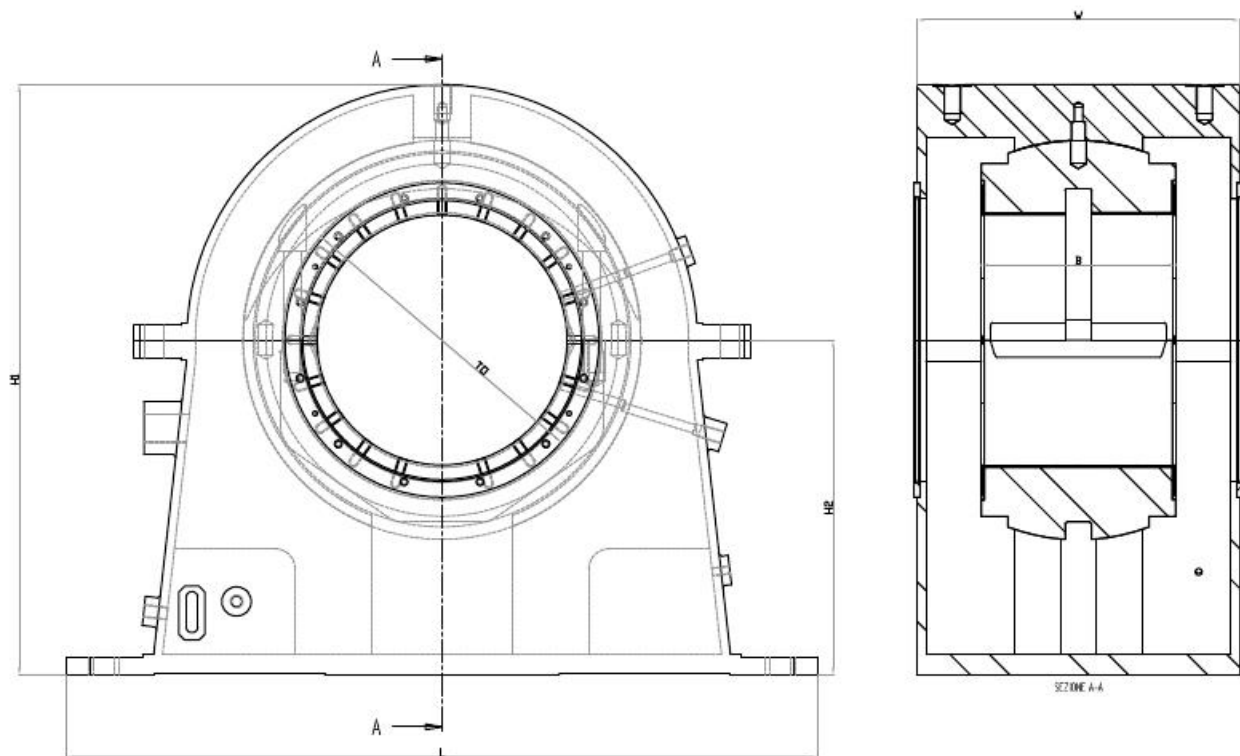
Combined bearings



BEARING DIMENSIONS

Nominal shaft Dia.	B	W	L	H1	H2	B1	T1	TO	Journal Load [kN]	Thrust Load [kN]
300	225	470	1150	760	390	271	350	495	150	50
315	240	470	1150	760	390	286	350	495	150	50
335	240	470	1150	760	390	286	350	495	150	50
355	270	500	1210	820	420	326	400	565	204	65
375	270	500	1210	820	420	326	400	565	204	65
400	320	550	1250	885	450	380	450	630	246	83
425	320	550	1250	885	450	380	450	630	246	83
450	340	570	1300	910	470	404	500	705	298	97
475	340	570	1300	910	470	404	500	705	298	97
500	375	600	1350	960	500	445	550	775	402	128
530	375	600	1350	960	500	445	550	775	402	128
560	420	650	1410	1020	530	500	620	875	505	156
600	420	650	1410	1020	530	500	620	875	505	156
630	470	700	1480	1090	560	560	700	990	654	203
670	470	700	1480	1090	560	560	700	990	654	203
710	530	760	1560	1170	600	630	770	1090	846	257
750	530	760	1560	1170	600	630	770	1090	846	257
800	600	830	1650	1260	650	712	870	1230	1003	323
850	600	830	1650	1260	650	712	870	1230	1003	323
900	675	900	1750	1360	700	795	970	1370	1218	409
950	675	900	1750	1360	700	795	970	2370	1218	409
1000	750	980	1850	1460	750	890	1020	1440	1386	500

Oil ring bearings



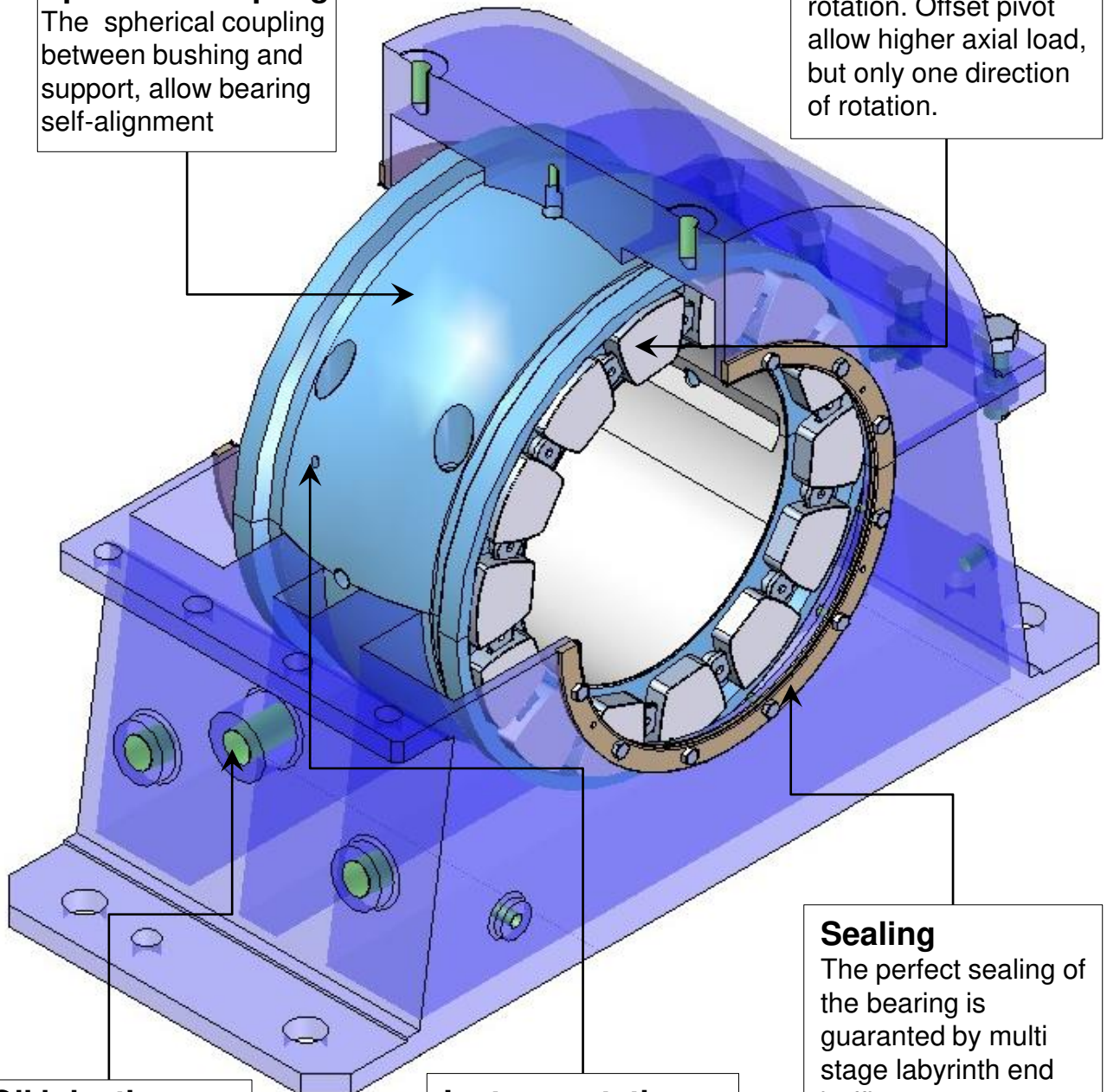
BEARING DIMENSIONS								
Nominal shaft Dia.	B1	W	L	H1	H2	TD	Journal Load [kN]	Thrust Load [kN]
300	235	470	1150	870	500	431	150	39
315	250	470	1150	870	500	441	150	39
335	250	470	1150	870	500	456	150	39
355	280	500	1210	945	545	500	204	51
375	280	500	1210	945	545	515	204	51
400	330	550	1250	1035	600	558	246	65
425	330	550	1250	1035	600	576	246	65
450	350	570	1300	1055	615	629	298	76
475	350	570	1300	1055	615	647	298	76
500	385	600	1350	1110	650	695	402	100
530	385	600	1350	1110	650	717	402	100
560	430	650	1410	1180	690	782	505	122
600	430	650	1410	1180	690	811	505	122
630	480	700	1480	1260	730	883	654	158
670	480	700	1480	1260	730	912	654	158
710	540	760	1560	1350	780	984	846	200
750	540	760	1560	1350	780	1013	846	200
800	610	830	1650	1455	845	1109	1003	252
850	610	830	1650	1455	845	1146	1003	252
900	685	900	1750	1570	910	1241	1218	319
950	685	900	1750	1570	910	1278	1218	319
1000	760	980	1850	1685	975	1344	1386	390

Spherical coupling

The spherical coupling between bushing and support, allow bearing self-alignment

Thrust pads

Axial loads are carried by two crown of pivoting thrust pads. Center pivot allow double direction of rotation. Offset pivot allow higher axial load, but only one direction of rotation.



Oil injection

Low pressure oil injection guarantees the correctly and completely feeding of the bearing.

Instrumentation

Standard bearing has a thermoresistance for monitoring the bearing temperature.

Sealing

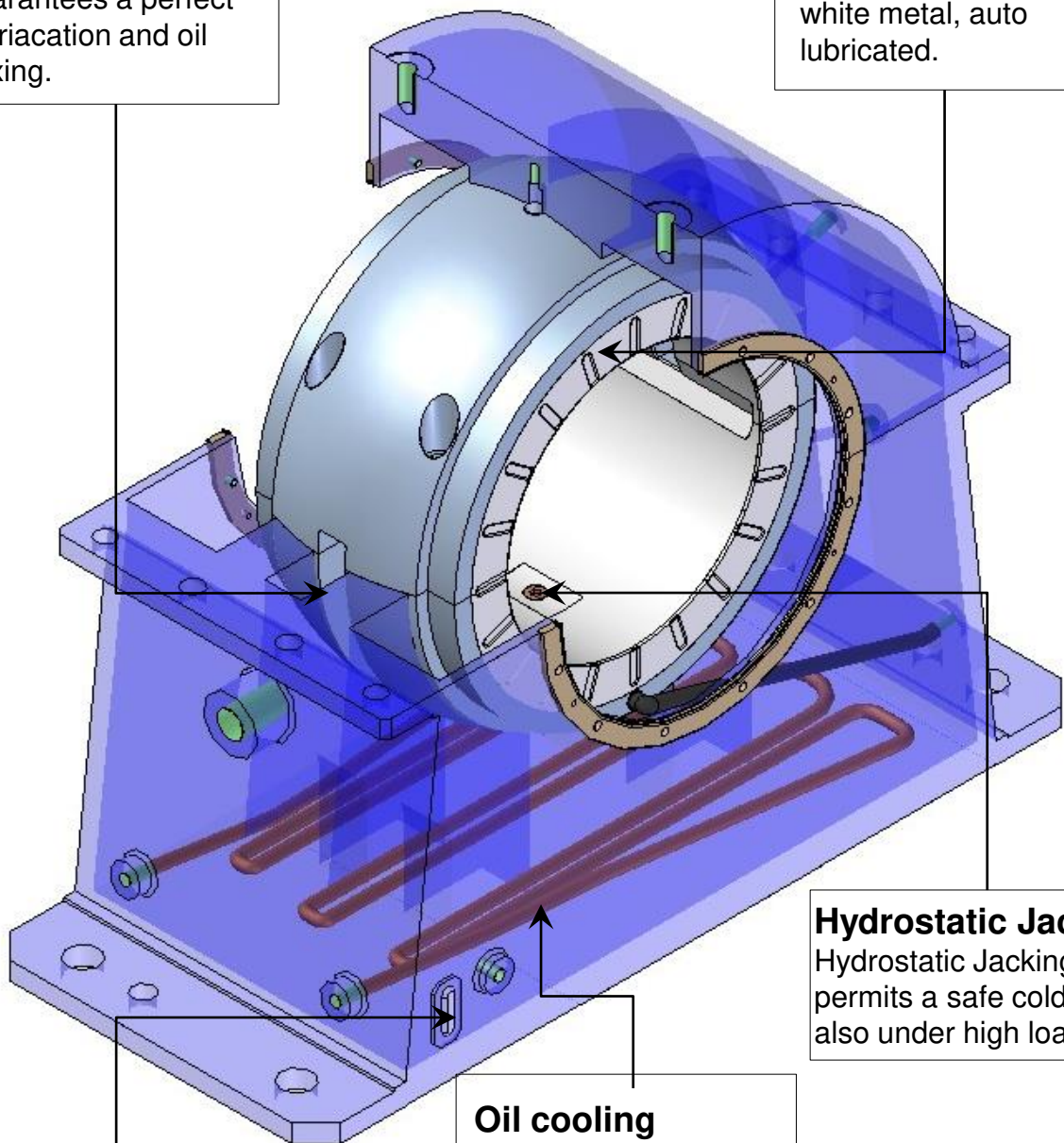
The perfect sealing of the bearing is guaranteed by multi stage labyrinth end baffle.

Oil Ring

Bronze oil ring guarantees a perfect lubrication and oil mixing.

Axial loads

Axial loads are carried by two surfaces of white metal, auto lubricated.



Hydrostatic Jacking

Hydrostatic Jacking permits a safe cold start also under high load.

Oil cooling

Oil is efficiently cooled by water circulation.

Oil level

Oil level could be always checked with the oil level gauge.

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