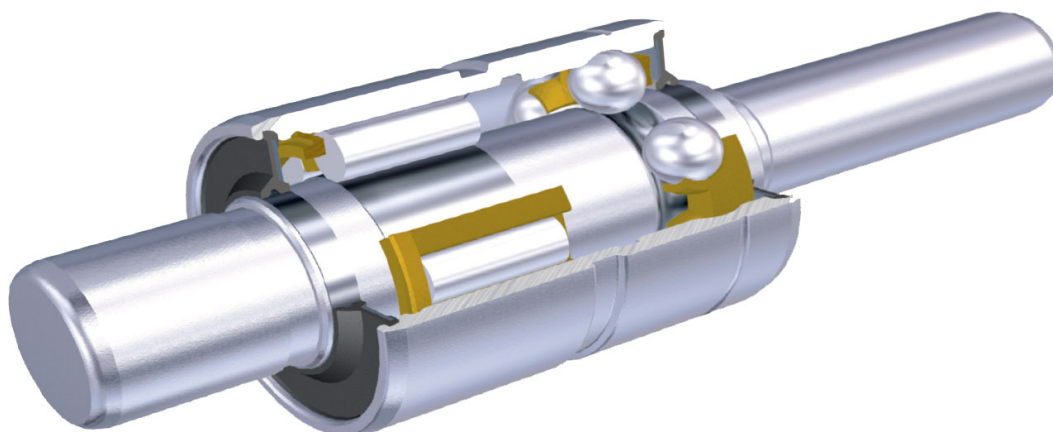


Special Double Row Bearings for Water Pumps of Combustion Engines



The special double row bearings built not separable and sealed unit. They are composed of a shaft and cylindrical bushing which is arranged in two rows of rolling elements. The rolling elements are seated in light single-sided plastic cages. The raceways on the shaft and in the cylindrical bushing are produced with a very high degree of accuracy. In order to protect them against penetration of impurities, they are equipped on both sides by efficiency contact sealing.

The bearings are filled with high quality grease, which provides the sufficient lubrication for the whole lifetime of the bearing. They have been designed to meet all customer's requirements for minimum weight, maximal compactness, high quality and stability of material and close quality supervision during the whole production process.

On the market, KINEX BEARINGS, a.s., presents three modifications of bearings for water pumps:

- Double-row with two rows of balls - type K
- Double-row with one row of balls and one row of rollers - type R
- Triple-row with one row of balls and two rows of rollers

The R type is characteristic by significantly higher resistance against radial load on the cylindrical rollers row side. The rollers are placed on the loaded side of the bearings that extends its lifetime.

The bearings are designated by type (K or R) and three- or four-figures number. In certain cases the numbers is followed by OS or S which means, in comparison with bearing without OS or S that the special double-row bearing has been produced for

repairs of water pumps.

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Dimensions			Type
D	L1	d	
mm	mm	mm	
24	26.9	12	R
28	20.0-27.0	1	R
30	27.0-52.0	15	R
30	22.9-52.0	16	R
30	27.0-52.0	16	R
30	27.0-52.0	17	R
30	38.9-52.0	16	R
35	38.9-56.0	19	R
36	40.0-56.0	19	R
38	41.1-54.1	19	R
40	38.9-52.5	19	R
40	38.9-52.5	20	R
41	38.9-52.5	20	R
42	32.0-52.5	20	R
48	69.85	25	R
48	54.1-69.9	25	R
52	53.5	25	R
55	60.0-75.0	25	R
24	19.9-33.5	12	K
26	30.0-40.0	12	K
28	20.0	16	K
30	22.0-59.0	15	K
30	22.0-59.0	16	K

Dimensions			Type
D	L1	d	
mm	mm	mm	
30	22.0-59.0	16	K
30	22.0-59.0	17	K
32	45.0	16	K
34	30.0-47.0	17	K
35	29.9-46.0	16	K
35	29.9-54.0	16	K
35	29.9-56.0	18	K
36	30.0-60.0	16	K
36	30.0-60.0	17	K
36	30.0-60.0	19	K
36	30.0-60.0	20	K
38	38.9-58.0	19	K
40	38.9-62.0	16	K
40	42.0-62.0	17	K
40	42.0-62.0	19	K
40	24.0-25.0	19	K
40	42.0-62.0	20	K
40	22.0	25	K
42	42.0-46.0	16	K
42	39.0	19	K
42	42.0-46.0	20	K
42	32.0	22	K
47	30.0-75.0	20	K
47	30.0-75.0	25	K
52	59.0	25	K
56	70.0	25	K