



# R4240



**Material**  
Hardened corrosion resistant steel wire and ball bearings (in plastic cage).

**Technical Notes**  
Play in the bearings can be adjusted via the surface-solid settings or can be set by matching with spacers.

**Tips**  
See table on next page for further dimensions.

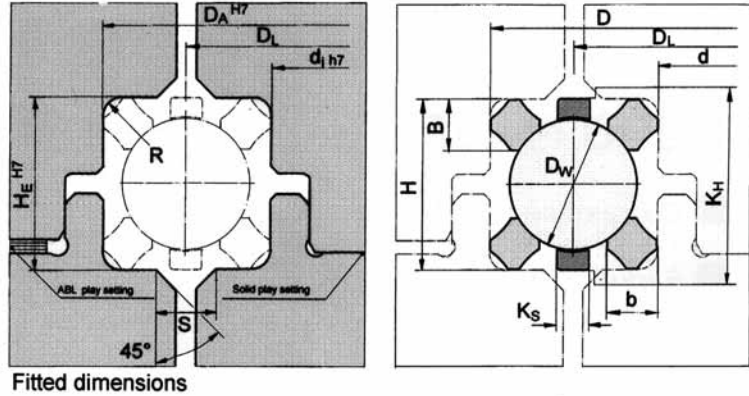
**Larger sizes on next page**

**Our wire bearings are compatible with most other manufacturers, and are very cost competitive. Please ask for us to "cross reference" if required.**



## Ball Bearing - Wire, Duplex Profile

duplex profile, drawn raceway

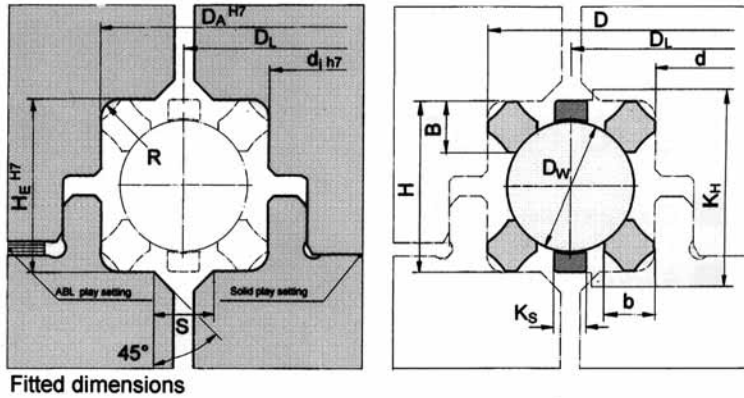


Fitted dimensions

Order No.	d	D	$D_L$	H	Max. dyn. Load C kN	Max. dyn. Load $C_0$ kN	$\frac{1}{kg}$
KED9525-0100	87,05	112,95	100	12,95	15,0	32,0	0,20
KED9525-0105	92,05	117,95	105	12,95	15,4	33,6	0,21
KED9525-0110	97,05	122,95	110	12,95	15,7	35,2	0,22
KED9525-0115	102,05	127,95	115	12,95	16,1	36,8	0,23
KED9525-0120	107,05	132,95	120	12,95	16,4	38,4	0,24
KED9525-0125	112,05	137,95	125	12,95	16,8	40,0	0,25
KED9525-0130	117,05	142,95	130	12,95	17,1	41,6	0,26
KED9525-0135	122,05	147,95	135	12,95	17,4	43,2	0,27
KED9525-0140	127,05	152,95	140	12,95	17,7	44,8	0,27
KED9525-0145	132,05	157,95	145	12,95	18,1	46,4	0,28
KED9525-0150	137,05	162,95	150	12,95	18,4	48,0	0,29
KED9525-0155	142,05	167,95	155	12,95	18,7	49,6	0,30
KED9525-0160	147,05	172,95	160	12,95	19,0	51,2	0,31
KED9525-0165	152,05	177,95	165	12,95	19,3	52,8	0,32
KED9525-0170	157,05	182,95	170	12,95	19,6	54,4	0,33
KED9525-0175	162,05	187,95	175	12,95	19,9	56,0	0,34
KED9525-0180	167,05	192,95	180	12,95	20,1	57,6	0,35
KED9525-0185	172,05	197,95	185	12,95	20,4	59,2	0,36
KED9525-0190	177,05	202,95	190	12,95	20,7	60,8	0,37
KED9525-0195	182,05	207,95	195	12,95	21,0	62,4	0,38
KED9525-0200	187,05	212,95	200	12,95	21,2	64,0	0,39
KED9525-0205	192,05	217,95	205	12,95	21,5	65,6	0,40
KED9525-0210	197,05	222,95	210	12,95	21,7	67,2	0,41
KED9525-0215	202,05	227,95	215	12,95	22,0	68,8	0,42
KED9525-0220	207,05	232,95	220	12,95	22,3	70,4	0,43
KED9525-0225	212,05	237,95	225	12,95	22,5	72,0	0,44
KED9525-0230	217,05	242,95	230	12,95	22,8	73,6	0,45
KED9525-0235	222,05	247,95	235	12,95	23,0	75,2	0,46
KED9525-0240	227,05	252,95	240	12,95	23,2	76,8	0,47
KED9525-0245	232,05	257,95	245	12,95	23,5	78,4	0,48
KED9525-0250	237,05	262,95	250	12,95	23,7	80,0	0,49
KED9525-0255	242,05	267,95	255	12,95	24,0	81,6	0,50
KED9525-0260	247,05	272,95	260	12,95	24,2	83,2	0,51
KED9525-0265	252,05	277,95	265	12,95	24,4	84,8	0,52
KED9525-0270	257,05	282,95	270	12,95	24,7	86,4	0,53
KED9525-0275	262,05	287,95	275	12,95	24,9	88,0	0,54
KED9525-0280	267,05	292,95	280	12,95	25,1	89,6	0,55
KED9525-0285	272,05	297,95	285	12,95	25,3	91,2	0,56
KED9525-0290	277,05	302,95	290	12,95	25,6	92,8	0,57
KED9525-0295	282,05	307,95	295	12,95	25,8	94,4	0,58

## Ball Bearing - Wire, Duplex Profile

duplex profile, drawn raceway



Fitted dimensions



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**Technical Notes**

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**Smaller sizes on previous page**

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Order No.	d	D	D <sub>i</sub>	H	Max. dyn. Load C kN	Max. dyn. Load C <sub>0</sub> kN	kg
KED9525-0300	287,05	312,95	300	12,95	26,0	96,0	0,59
KED9525-0310	297,05	322,95	310	12,95	26,4	99,2	0,61
KED9525-0320	307,05	332,95	320	12,95	26,8	102,4	0,63
KED9525-0330	317,05	342,95	330	12,95	27,2	105,6	0,65
KED9525-0340	327,05	352,95	340	12,95	27,7	108,8	0,67
KED9525-0350	337,05	362,95	350	12,95	28,1	112,0	0,69
KED9525-0360	347,05	372,95	360	12,95	28,5	115,2	0,71
KED9525-0370	357,05	382,95	370	12,95	28,9	118,4	0,73
KED9525-0380	367,05	392,95	380	12,95	29,2	121,6	0,75
KED9525-0390	377,05	402,95	390	12,95	29,6	124,8	0,76
KED9525-0400	387,05	412,95	400	12,95	30,0	128,0	0,78
KED9525-0410	397,05	422,95	410	12,95	30,4	131,2	0,80
KED9525-0420	407,05	432,95	420	12,95	30,8	134,4	0,82
KED9525-0430	417,05	442,95	430	12,95	31,1	137,6	0,84
KED9525-0440	427,05	452,95	440	12,95	31,5	140,8	0,86
KED9525-0450	437,05	462,95	450	12,95	31,8	144,0	0,88
KED9525-0460	447,05	472,95	460	12,95	32,2	147,2	0,90
KED9525-0470	457,05	482,95	470	12,95	32,5	150,4	0,92
KED9525-0480	467,05	492,95	480	12,95	32,9	153,6	0,96
KED9525-0490	477,05	502,95	490	12,95	33,2	156,8	0,96
KED9525-0500	487,05	512,95	500	12,95	33,5	160,0	0,98
KED9525-0510	497,05	522,95	510	12,95	33,9	163,2	1,00
KED9525-0520	507,05	532,95	520	12,95	34,2	166,4	1,04
KED9525-0530	517,05	542,95	530	12,95	34,5	169,6	1,04

**Technical Dimensions**

Type	Ball Dw mm	Ball Dw inch	Wire b	Wire B	Running Circle D <sub>i</sub> min	Running Circle D <sub>i</sub> Max	Bearing d	Bearing D	Bearing H	Cage K <sub>H</sub>
KED 9,525	9,525	3/8	4	4	80	2000	D <sub>i</sub> - 12,95	D <sub>i</sub> + 12,95	12,95	12,6

**Technical Dimensions**

Type	Cage K <sub>S</sub>	Cage K <sub>T</sub>	Load Cap. <sup>(1)</sup> dyn. C [kN]	Load Cap. <sup>(1)</sup> stat. C <sub>0</sub> [kN]	Fit. Dim. d <sub>i</sub>	Fit. Dim. D <sub>A</sub>	Fit. Dim. H <sub>E</sub>	Fit. Dim. R max.	Fit. Dim. S	Cage Type
KED 9,525	2,5	12,0	1,5* Sq rt. D <sub>i</sub>	0,32* D <sub>i</sub>	D <sub>i</sub> - 12,95	D <sub>i</sub> + 12,95	12,95	1,2	4,5	KKLK 095



ROTARY OTHER