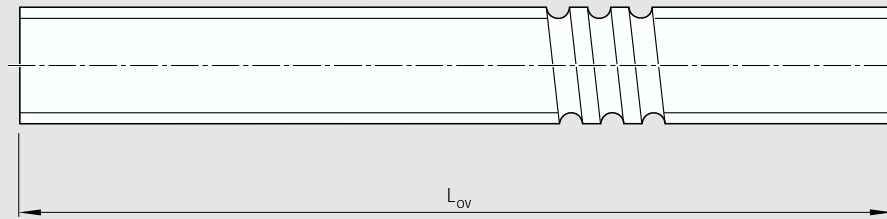


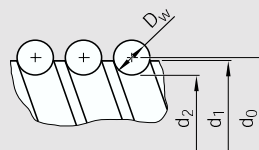
# Rexroth – Precision Ball Screw Assemblies

## Precision-Rolled Screw SN-R



Please state lengths in the "Inquiry/Order Form"

$L_{ov}$  = overall length



Order code:

SN	20 x 5R x 3	X	X	T7	R	82K120	41Z120	1250	1	0
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Size	Part number					Moment of inertia	Maximum length		Weight
$d_0 \times P \times D_w$	Tolerance grade T5	Tolerance grade T7	Tolerance grade T9	$d_1$ (mm)	$d_2$ (mm)	$J_s$ (kgcm <sup>2</sup> /m)	Standard	on Request	(kg/m)
6x1Rx0.8	1531-1-0500	1531-1-0700	1531-1-0900	6.0	5.3	0.02	available upon request		0.19
6x2Rx0.8	1531-1-2500	1531-1-2700	1531-1-2900	6.0	5.3	0.02			0.19
8x1Rx0.8	1531-2-0500	1531-2-0700	1531-2-0900	8.0	7.3	0.04			0.36
8x2Rx1.2	1531-2-2500	1531-2-2700	1531-2-2900	8.0	7.1	0.04			0.36
8 x 2.5Rx1.588	1531-2-3500	1531-2-3700	1531-2-3900	7.5	6.3	0.04			0.30
12x2Rx1.2	1531-4-2500	1531-4-2700	1531-4-2900	11.7	10.8	0.13	1500	2500	0.79
12x5Rx2	1531-4-6510	1531-4-6710	1531-4-6910	11.4	9.9	0.11			0.75
12x10Rx2	1531-4-9500	1531-4-9700	1531-4-9900	11.4	9.9	0.11			0.74
16x5Lx3	1551-0-1500	1551-0-1700	1551-0-1900	15	12.9	0.31			1.24
16x5Rx3	1511-0-1500	1511-0-1700	1511-0-1900	15	12.9	0.31			1.24
16x10Rx3	1511-0-4500	1511-0-4700	1511-0-4900	15	12.9	0.31	2500	5000	1.23
16x16Rx3	1511-0-6510	1511-0-6710	1511-0-6910	15	12.9	0.34			1.29
20x5Rx3	1511-1-1500	1511-1-1700	1511-1-1900	19	16.9	0.84			2.03
20x40Rx3.5-4	2521-150-00	2521-170-00	2521-190-00	19	16.4	0.86			2.06
20x20Rx3.5	1511-1-7510	1511-1-7710	1511-1-7910	19.3	16.7	0.81			1.99
25x5Rx3	1511-2-1500	1511-2-1700	1511-2-1900	24	21.9	2.22	4500	5000	3.31
25x10Rx3	1511-2-4500	1511-2-4700	1511-2-4900	24	21.9	2.39			3.43
25x25Rx3.5	1511-2-8510	1511-2-8710	1511-2-8910	24	21.4	2.15			3.25
32x5Rx3.5	1511-3-1500	1511-3-1700	1511-3-1900	31	28.4	6.05			5.45
32x5Lx3.5	1551-3-1500	1551-3-1700	1551-3-1900	31	28.4	6.05			5.45
32x10Rx3.969	1511-3-4510	1511-3-4710	1511-3-4910	31	27.9	6.40	4500	7500	5.60
32x20Rx3.969	1511-3-7510	1511-3-7710	1511-3-7910	31	27.9	6.39			5.60
32x32Rx3.969	1511-3-9510	1511-3-9710	1511-3-9910	31	27.9	6.17			5.50
40x5Rx3.5	1511-4-1500	1511-4-1700	1511-4-1900	39	36.4	15.64			8.78
40x5Lx3.5	1551-4-1500	1551-4-1700	1551-4-1900	39	36.4	15.64			8.78
40x10Rx6	1511-4-4500	1511-4-4700	1511-4-4900	38	33.8	13.55	4500	7500	8.15
40x10Lx6	1551-4-4500	1551-4-4700	1551-4-4900	38	33.8	13.55			8.15
40x12Rx6	1511-4-5500	1511-4-5700	1511-4-5900	38	33.8	13.97			8.27
40x16Rx6	1511-4-6500	1511-4-6700	1511-4-6900	38	33.8	12.90			7.95
40x20Rx6	1511-4-7500	1511-4-7700	1511-4-7900	38	33.8	13.52			8.14
40x40Rx6	1511-4-9510	1511-4-9710	1511-4-9910	38	33.8	13.42	4500	5000	8.11
50x5Rx3.5	1511-5-1500	1511-5-1700	1511-5-1900	49	46.4	40.03			14.05
50x10Rx6	1511-5-4500	1511-5-4700	1511-5-4900	48	43.8	35.71			13.25
50x12Rx6	1511-5-5500	1511-5-5700	1511-5-5900	48	43.8	36.58			13.41
50x16Rx6	1511-5-6500	1511-5-6700	1511-5-6900	48	43.8	34.37			13.00
50x20Rx6.5	1511-5-7510	1511-5-7710	1511-5-7910	48	43.3	34.50	4500	7500	13.01
50x40Rx6.5	1511-5-9510	1511-5-9710	1511-5-9910	48	43.3	34.34			12.98
63x10Rx6	1511-6-4500	1511-6-4700	1511-6-4900	61	56.8	95.82			21.72
63x20Rx6.5	1511-6-7510	1511-6-7710	1511-6-7910	61	56.3	93.29			21.42
63x40Rx6.5	1511-6-9510	1511-6-9710	1511-6-9910	61	56.3	93.08			21.40
80x10Rx6.5	1511-7-4500	1511-7-4700	1511-7-4900	78	73.3	256.86			35.58