

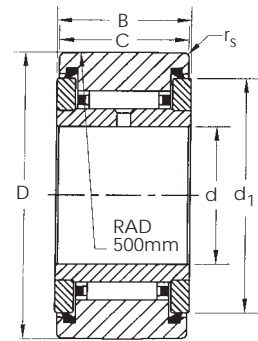
MYR & MYR-S**MYRV & MYRV-S****Single Row****Yoke Type**

MYR Caged Unsealed

MYR-S Caged Sealed

MYRV Full Complement Unsealed

MYRV-S Full Complement Sealed



SMITH Bearing® Number Add suffix "S" for Sealed	Dimensions (mm) <i>(For Tolerances, See chart in Engineering Section)</i>						Basic Load Ratings				Max Speed* (rpm)	Mass (grams)
							dyn Newtons		stat	Track Roller dyn Newtons		
	d	D	B	C**	r _s	d ₁	C	C ₀	C _w	C _{ow}	n	g
MYR-5	5	16	12	11	0.15	12	3800	3750	3150	3300	22000	14
MYRV-5							6400	8500	4850	6500	8500	15
MYR-6	6	19	12	11	0.15	14	4250	4600	3500	3900	20000	20
MYRV-6							7300	10800	5500	7900	7000	21
MYR-8	8	24	15	14	0.30	19	6800	7700	5500	6400	15000	41
MYRV-8							10400	15600	7800	11400	5500	42
MYR-10	10	30	15	14	0.60	23	8100	9700	6800	8400	11000	64
MYRV-10							12200	19000	9500	14600	4500	65
MYR-12	12	32	15	14	0.60	25	8700	11000	6900	8800	9000	71
MYRV-12							13200	21700	9700	15400	3900	72
MYR-15	15	35	19	18	0.60	27	12900	19000	9700	14100	7000	103
MYRV-15							18300	35000	12800	23000	3400	105
MYR-17	17	40	21	20	1.00	32	14200	20400	10900	15500	6000	144
MYRV-17							21000	39500	14800	26500	2900	152
MYR-20	20	47	25	24	1.00	37	19500	32000	15500	25500	4900	246
MYRV-20							28000	59000	20600	42000	2600	254
MYR-25	25	52	25	24	1.00	42	21200	38000	15400	26500	3600	275
MYRV-25							31000	72000	20500	44000	2100	285
MYR-30	30	62	29	28	1.00	51	34000	59000	23600	38500	2600	470
MYRV-30							48500	108000	30500	63000	1700	481
MYR-35	35	72	29	28	1.10	58	37000	69000	25500	44500	2000	635
MYRV-35							53000	127000	33000	73000	1400	647
MYR-40	40	80	32	30	1.10	66	49000	94000	33000	59000	1700	805
MYRV-40							66000	159000	41000	90000	1300	890
MYR-45	45	85	32	30	1.10	72	51000	101000	32500	59000	1500	910
MYRV-45							61000	112000	41000	90000	1200	935
MYR-50	50	90	32	30	1.10	76	52000	108000	32000	59000	1300	960
MYRV-50							72000	191000	40500	93000	1000	990

- 1) **Standard bearing has Crowned Roller Outside Diameter** – For Straight Cylindrical Outside Roller Diameter, add suffix "C." Example: **MYR-5-C**
- 2) Add suffix "S" for sealed. Example for Sealed: **MYR-5-S**
- 3) The basic load rating C and C₀ apply if the bearing outer ring (with cylindrical outside surface) is mounted in a housing bore with the normal rolling bearing fit. When used as a track roller, the load rating C_w and C_{ow} apply.
- 4) *Limiting Speed for grease lubrication: For oil lubrication speed may be increased by up to 30%. For Sealed bearings, speed in chart should be reduced by 30%.
- 5) ** Tolerance for "C" Raceway Width is +0.00/-0.12 mm

For Dimensional Tolerances, see Metric Tolerance Chart in Engineering Section.