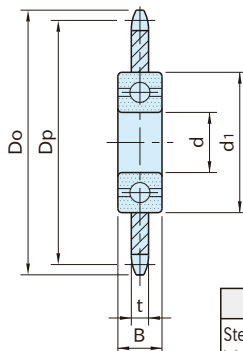


# SIS

# STEEL IDLE SPROCKETS



Sprocket	Bearing
Steel(S45C) Induction hardened(teeth top) Black oxide finish	Steel

Part Number	Chain No.	No. of Teeth	Do	Dp	d	B	d <sub>1</sub>	t	Bearing	Weight (g)	Proper Idler Pin
<b>SIS316</b>	35	16	53	48.82	10	8	26	4.4	6000ZZ	80	PID1008
<b>SIS318</b>		18	60	54.85	12	10	32		6201ZZ	100	PID1210
<b>SIS320</b>		20	66	60.89	15	11	35		6202ZZ	110	PID1511
<b>SIS412</b>	40	12	53	49.07	10	8	26	7.3	6000ZZ	140	PID1008
<b>SIS415</b>		15	67	61.08	12	10	32		6201ZZ	170	PID1210
<b>SIS417</b>		17	75	69.12	15	11	35		6202ZZ	200	PID1511
<b>SIS512</b>	50	12	68	61.34	10	9	30	8.9	6200ZZ	220	PID1008
<b>SIS514</b>		14	78	71.34	12	10	32		6201ZZ	260	PID1210
<b>SIS516</b>		16	88	81.37	15	11	35		6202ZZ	320	PID1511
<b>SIS610</b>	60	10	68	61.65	10	9	30	11.9	6200ZZ	330	PID1008
<b>SIS612</b>		12	82	73.6	12	10	32		6201ZZ	360	PID1210
<b>SIS614</b>		14	93	85.61	15	11	35		6202ZZ	480	PID1511
<b>SIS809</b>	9	85	74.26	430							
<b>SIS812</b>	80	12	108	98.14	20	14	47	15.0	6204ZZ	770	PID2014

## Features

Available with pressed-in ball bearing.

## Reference

· TENSIONER ASSEMBLY EXAMPLES

## Technical Information

Allowable Bearing Radial Loads(N)<for 3,000 hours of average service life>

Bearing	Speed (min <sup>-1</sup> )					
	100	200	300	500	1000	1500
<b>6000ZZ</b>	1370	1360	1190	1090	640	560
<b>6200ZZ</b>	1540	1220	1070	900	710	620
<b>6201ZZ</b>	2040	1620	1410	1190	940	830
<b>6202ZZ</b>	2310	1830	1610	1350	1080	940
<b>6204ZZ</b>	3850	3060	2670	2250	1790	1560