

### HB/NS - HB/S/NS - HB/S/XN ISO 19 HIGH SPEED SERIES WITH CERAMIC BALLS

SNFA	d	D	B	R <sub>min</sub>	r <sub>min</sub>	$\alpha = 15^\circ$			$\alpha = 25^\circ$			CERAMIC	CHROMEX®40
						C <sub>33</sub>	C <sub>E</sub>	C <sub>O</sub>	C <sub>33</sub>	C <sub>E</sub>	C <sub>O</sub>	V <sub>h</sub>	V <sub>h</sub>
												(ABEC 9)	(ABEC 9)
HB 30/NS	30	47	9	0.3	0.15	480	640	265	450	600	250	72 000	80 500
HB 35/NS	35	55	10	0.6	0.3	520	690	320	500	665	300	61 000	68 500
HB 40/NS	40	62	12	0.6	0.3	550	730	360	520	690	340	54 000	60 500
HB 45/NS	45	68	12	0.6	0.3	760	1 010	500	720	960	470	49 000	54 500
HB 50/NS	50	72	12	0.6	0.3	780	1 040	540	740	980	510	45 000	50 500
HB 55/NS	55	80	13	1.0	0.3	1 020	1 360	710	960	1 280	670	41 000	45 500
HB 60/NS	60	85	13	1.0	0.3	1 050	1 400	760	990	1 320	720	38 500	43 000
HB 65/NS	65	90	13	1.0	0.3	1 080	1 440	820	1 020	1 360	770	36 000	40 500
HB 70/NS	70	100	16	1.0	0.3	1 390	1 850	1 060	1 310	1 740	1 010	32 000	35 500
HB 75/NS	75	105	16	1.0	0.6	1 430	1 900	1 140	1 350	1 800	1 070	30 000	33 500
HB 80/NS	80	110	16	1.0	0.6	1 600	2 130	1 280	1 500	2 000	1 210	28 500	31 500
HB 85/NS	85	120	18	1.1	0.6	1 660	2 210	1 410	1 560	2 070	1 330	26 500	29 500
HB 90/NS	90	125	18	1.1	0.6	1 810	2 410	1 540	1 700	2 260	1 450	24 500	27 500
HB 95/NS	95	130	18	1.1	0.6	1 860	2 470	1 630	1 750	2 330	1 530	24 000	26 500
HB 100/NS	100	140	20	1.1	0.6	2 230	2 970	1 950	2 100	2 790	1 840	22 500	25 000
HB 110/NS	110	150	20	1.1	0.6	2 650	3 520	2 350	2 500	3 320	2 220	20 500	23 000
HB 120/NS	120	165	22	1.1	0.6	2 780	3 700	2 630	2 610	3 470	2 480	18 500	20 500



For larger sizes, please contact Application Support.

**CE:** Extended basic dynamic load rating reflect improvements in material and production processes. This value is not used by SNFA and is shown only for comparison purposes.

