

SINGLE BEARING VIBRATION SPEED



Single Bearing Noise Level Limiting Values (dB)

Bore Diameter (mm)	Single Bearing Vibration Speed Limiting Values														
	Diameter Series (0)					Diameter Series (2)					Diameter Series (3)				
	Z	Z1	Z2	Z3	Z4	Z	Z1	Z2	Z3	Z4	Z	Z1	Z2	Z3	Z4
3	33	32	30	27	23	34	33	30	28	24	35	34	31	29	
4	33	32	30	27	23	34	33	30	28	24	35	34	31	29	
5	35	34	32	28	25	36	35	32	30	26	37	35	33	31	
6	35	34	32	28	25	36	35	32	30	26	37	35	33	31	
7	37	36	33	29	26	38	36	34	32	27					
8	37	36	33	29	26	38	36	34	32	27					
9	39	38	34	30	27	40	38	35	33	28					
10	41	40	36	31	27	42	40	37	33	28	44	42	38	35	30
12	42	41	37	32	28	43	41	37	33	28	45	43	38	35	30
15	43	42	38	33	29	44	42	39	34	28	46	44	40	36	31
17	44	42	38	33	29	45	43	39	34	29	47	45	40	36	31
20	45	43	39	34	30	46	44	40	36	31	48	46	41	37	32
22	45	43	39	34	30	46	44	40	36	31	48	46	41	37	32
25	45	44	40	36	32	47	45	41	38	34	48	47	42	39	35
28	47	45	41	37	33	48	46	42	39	35	49	48	43	40	36
30	47	45	41	37	33	48	46	42	39	35	49	48	43	40	36
32	48	46	42	38	34	48	47	43	40	36	50	48	44	41	37
35	48	47	43	39	35	49	48	44	41	37	51	49	45	42	38
40	50	48	44	40	36	51	49	45	42	38	54	51	47	43	39
45	52	50	46	43	39	53	51	47	44	41	55	53	48	45	42
50	54	51	48	45	41	55	52	48	46	43	57	54	50	47	44
55	56	53	49	47	43	57	54	50	48	45	59	56	51	48	46
60	58	55	51	48	45	59	56	51	48	46	61	58	53	50	48

SINGLE BEARING VIBRATION SPEED LIMITING VALUE



Single Bearing Vibration Speed Limiting Value

m/s

Bore Diameter (mm)	ZV1			ZV2			ZV3		
	Low Frequency	Medium Frequency	High Frequency	Low Frequency	Medium Frequency	High Frequency	Low Frequency	Medium Frequency	High Frequency
10	150	120	105	120	90	75	90	75	60
12	150	120	120	120	90	90	90	75	60
15	180	150	150	150	120	90	120	90	75
17	180	150	180	150	120	120	120	90	90
20	240	180	180	180	150	120	150	120	90
25	240	180	210	180	150	150	150	120	120
30	240	180	210	180	150	150	150	120	120
35	300	210	270	240	180	210	180	150	150
40	300	210	270	240	180	210	180	150	150
45	300	240	330	240	180	270	180	150	180
50	390	240	330	270	210	270	210	165	180
55	390	240	390	270	210	300	210	165	180
60	390	300	450	300	240	390	240	180	210
65	450	300	450	300	240	390	240	180	240
70	450	300	540	360	240	450	270	180	240
75	450	390	540	360	270	450	270	210	270
80	540	390	630	450	270	510	300	210	300
85	540	390	630	450	300	510	300	270	300