1.5 Dimension table

Size	Rated torque T_N 1) Nm	Speed $n_{max.}$ 1/min	Hole D_1 / D_2 from mm	Hole D_1 / D_2 up to 2) mm	d_a mm	d_3 mm	d_4 mm	d_6 3) mm	l mm	l_1 mm	P 3) mm	Axial backlash a mm	L_Z min. mm	Weight 4) kg
1	850	8500	0	50	117	67	83	52	43	42	74	0.5	75	4.2
1.5	1700	7700	0	64	152	87	107	68	50	48	84	0.5	85	8.4
2	3350	6900	0	80	178	108	129.5	85	62	59	104	0.5	95	13.5
2.5	6000	6200	0	98	213	130	156	110	76	69	123	0.5	110	24.5
3	10000	5800	0	112	240	153	181	130	90	82	148	0.5	110	36
3.5	16000	5100	0	133	280	180	211	150	105	98	172	0.5	125	60
4	23600	4500	0	158	318	214	249.5	175	120	107	192	1.0	125	88
4.5	33500	4000	80	172	347	233	274	190	135	120	216	1.0	125	105
5	47500	3750	90	192	390	260	307	220	150	131	241	1.0	145	145
5.5	67000	3550	100	210	425.5	283	332.5	250	175	151	279	1.0	145	197
6	90000	3400	120	232	457	312	364	265	190	170	316	1.0	145	235
7	125000	3200	150	276	527	371	423.5	300	220	195	360	1.0	145	360

Elk. motoru tarafı ←

Pompa tarafı ←

Table 1.1: Torques T_N, speeds $n_{max.}$, dimensions and weights

⚠ **The max. speed for types ZIZS, ZIZA and ZIZV is limited by the weight and the critical speed of the adapter.**
Speed $n_{max.}$ on request.

1) The specified torques relate to the teeth and **not** the shaft/hub connection. This must be checked separately.

2) Max. bore with keyway to DIN 6885/1

3) Space required for aligning the coupling parts, replacing the sealing rings and tightening the set screws.

4) Weights are valid for medium bores of type ZIN

The rated torques T_N apply to:

- daily operating cycle of up to 24 h
- operation within the specified alignment
- Operation over the temperature range of between - 20 °C and + 80 °C (ambient temperature, or temperature of shaft ends).
- up to 25 starts per hour, where double the rated torque is permissible during the start.

Caution! **For sustained faultfree operation the coupling must be designed with an operation application factor appropriate to the application. In the event of a change in operating conditions (output, speed, changes to the prime mover and driven machine) the design must always be checked.**