Reducer

Product Introduction

The reducer plays the role of matching the speed and transmitting the torque between the prime mover and the working machine or the actuator, and is widely used in modern machinery. According to the purpose, the reducer can be divided into two categories: general reducer and special reducer. The design, manufacturing and use characteristics of the two are different.

Product Features

The reducer is an independent closed transmission device between the prime mover and the working machine, which is used to reduce the speed and increase the torque to meet the work needs. In some cases, it is also used to increase the speed, which is called a speed increaser.

When selecting a reducer, you should compare the outer dimensions, transmission efficiency, load capacity, quality, price, etc. of different types and varieties of reducers based on the selection conditions, technical parameters, performance of the power machine, economy and other factors of the working machine, and select the most suitable reducer.

The reducer is a relatively precise machine. Its purpose is to reduce the speed and increase the torque.

Basic Parameter

Model			ZQH26ZQ25	ZQH35ZQ35	ZQH40ZQ40	ZQH502Q50	ZQH65ZQ65	ZQH762Q75	Z0H852Q85	ZQH10ZQ100
Distance between centers	a		250	350	400	500	650	750	850	1000
	a_1		100	150	150	200	250	300	350	400
	a_2		150	200	250	300	400	450	500	600
Height of center	H_0		0 160-1,4	0 200-1.4	0 250-1.4	0 300-1.5	0 320-1.5	0 320-1.5	0 400-1.6	0 400-1.6
Maximum overall dimension	L		540	730	826	986	1278	1448	1632	1896
	B		230	290	310	350	470	510	580	660
	H		325	405	490	590	700	745	875	965
Shaft end dimension	High speed	B_1	200	260	270	330	430	450	510	550
	Low speed	B_2	220	250	304	325	430	450	529	603
		B_5	170	222	250	290	370	410	480	495
		B_3	164.5	214	234	270	342	362	403	507
	l_1		345	470	490	620	B30	1020	1100	1350
	l_2		101	132	133	148	183	207	236	257
	l_3						495	620	610	870
	B_4						318	362	418	478
	H_1						95	130	105	200
	b		20	26	20	25	35	30	40	40
Mounting dimension	C		60	100	110	130	160	15g	159	200
	C_1		28	40	80	80	B5	55	75	100
	Aperture run	S_1	235	310	370	240	215	275	300	350
		S_2	190	260	270	310	410	450	520	590
	aperture		17	17	17	17	25	25	32	32
	Hole number		4	4	4	6	8	8	8	8
Maximum weight（KG）			100	20G	259	390	880	1100	1500	2230