

tv

TRISONS

Transmissions Experts



CYCLOIDAL REDUCER

TRISONS NSCD series cycloidal pin wheel with reducer adopt the principle of planetary gearing transmission and the construction of cycloidal gear meshed with pin wheel, confirm to standard , with features of big ratio, high efficiency, compact structure, small volume, long life, little breakdown, strong ability against impact and so on, widely applicable to ceramic, drink, food, textile, mineral and metallurgical, lifting and transportation, printing and dyeing etc. industry.

Single Cycloidal Reducer Characteristics of Model : NSCD



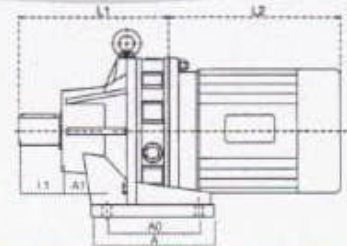
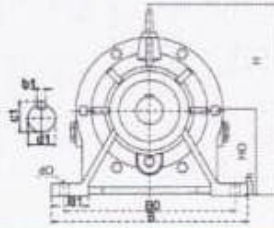
Series	No.	Motor Power (kw)	Ratio								
			11	17	23	29	35	43	59	71	87
			(r/min)			(N.m) Output Speed allowed (r/min)/output torque allowed (N.m)					
NSCD	0	0.37	124/20	80/30	59/40	47/53	39/63	32/77			
		0.55	126/29	82/45	60/54						
		0.75	126/40	82/61							
	1	0.55	126/36	82/56	60/76	48/77	40/93	32/114	24/156		
		0.75	126/50	82/77	60/104	48/104	40/125	32/151	24/207		
		1.1	127/72	82/112	61/151	48/152	40/184				
		1.5	127/99	82/149	61/202	48/187					
		2.2	129/142								
	2	0.75	126/50	82/77	60/104	48/131	40/137	32/168	24/231	20/278	
		1.1	127/71	82/110	61/150	48/189	40/200	33/227	24/336	20/333	
		1.5	127/98	82/151	61/207	48/261	40/272	33/334	24/380		
		2.2	129/143	84/221	62/299	49/377					
		3	129/195	84/300							
		4	131/258	85/398							
NSMCD	3	1.5	127/99	82/153	61/207	48/261	40/315	33/382	24/452	20/552	16/676
		2.2	129/143	84/221	62/299	49/377	41/455	33/353	24/663	20/624	16/764
		3	129/195	84/301	62/408	49/514	41/615	33/755	24/760		
		4	131/256	85/396	63/534	50/672	41/820				
		5.5	131/253	85/544	63/741	50/934					
		7.5	131/483	85/746							
	4	2.2	127/148	82/229	60/310	48/391	40/472	32/580	23/796	20/958	17/1174
		3	127/202	82/313	60/423	48/533	40/644	32/792	23/1086	20/1307	17/1602
		4	127/270	82/416	60/564	48/712	40/859	32/1055	23/1450	20/1743	
		5.5	127/370	82/574	60/776	48/979	40/1181	32/1451			
		7.5	127/506	82/783	60/1059	48/1335	40/1612				
		11	127/743	82/1148	60/1553						

Product Application

TRISONS CYCLOIDAL REDUCER Suitable for wide range of Industries such as :

CABLE, CEMENT, COAL, FOOD, LEATHER, MACHINE TOOLS, PAPER, PHARMACEUTICAL, PLASTIC, POLYMER, PRINTING, PUMP, RAYON, RUBBER, TEXTILE, TOBACCO, WIRE, GLASS, SPECIALLY FOR CERAMICS GLAZE TILES INDUSTRIES & MANY OTHER INDUSTRIES

Single Reducer Mounting Dimensions Model : NSCD



Type	No.	Mounting dimension							
		H0	A1	A0	B1	B0	h	n	d0
NSCD	0	100	58	90	38	150	15	4	12
	1	120	69	110	68	240	15	4	14
	2	140	76	150	60	280	20	4	14.5
	3	160	79	200	80	340	25	4	19
	4	200	93	260	75	380	30	4	22

Type	No.	External dimension				L2	Shaft mounting dimension			
		H	B	A	L1		d1	b1	c1	L1
NSCD	0	221	185	120	214	According to the size of motor	30	8	33	34
	1	275	280	160	262		35	10	38	56
	2	306	320	200	320		45	14	48.5	68
	3	365	390	250	394		55	16	59	80
	4	425	430	320	497		70	20	74.5	113

Motor Mounting for Cycloidal Reducer

Series	No.	Motor Frame (B5)	Ratio								
			11	17	23	29	35	43	59	71	87
NSMCD	0	71	★	★	★	★	★	★			
		80	★	★							
	1	80	★	★	★	★	★	★	★	★	★
		90	★	★	★	★					
	2	80	★	★	★	★	★	★	★	★	
		90	★	★	★	★	★	★	★		
		100/112	★	★	★	★					
	3	90	★	★	★	★	★	★	★	★	★
		100/112	★	★	★	★	★	★	★		
		132	★	★	★	★					
	4	100/112	★	★	★	★	★	★	★	★	
		132	★	★	★	★	★				

MANUFACTURED BY :

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