



MODEL \ DIMENSION	3	9	11	15	20	25	35	45	60	80	120
ϕA	6	7	8	10	11	12	14	20	22	26	30
ϕB	PCD 40	PCD 49	PCD 55	PCD 69	PCD 80	PCD 95	PCD 123	PCD 150	PCD 180	PCD 195	PCD 215
ϕC	$\phi 3.5 \times 12$	$\phi 3.5 \times 12$	$\phi 3.5 \times 12$	$\phi 4.5 \times 12$	$\phi 4.5 \times 16$	$\phi 5.5 \times 16$	$\phi 6.5 \times 16$	$\phi 8.5 \times 16$	$\phi 8.5 \times 16$	$\phi 10.5 \times 16$	$\phi 12.5 \times 16$
D	2	2	3	3	4	4	5	6	8	8	10
ϕE	45	55	60	78	90	105	135	165	200	215	235
ϕF	30	35	45	50	60	70	90	110	130	140	160
ϕG	10	12	14	16	21	26	26	35	41	44	48
H	6	8	8	8	10	13	19	23	27	29	32
I	4	5	5	5	7.5	8	13	16	19	20	22
J	25	29	33	41	49	57	74	90	106	114	135
ϕK	25	30	34	40	48	55	72	93	110	118	130
ϕL	35	44	50	62	70	85	113	138	164	176	195
ϕM	M3 x 6	M3 x 6	M4 x 6	M5 x 8	M5 x 8	M8 x 8	M8 x 8	M8 x 8	M10 x 8	M12 x 8	M14 x 8
ϕN	PCD 18	PCD 20	PCD 23	PCD 27	PCD 34	PCD 42	PCD 55	PCD 70	PCD 85	PCD 90	PCD 100
O	3	3	3	3	3	3	3	4	4	4.5	5

NOTE - 1. ALL DIMENSIONS ARE IN MM
 2. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

Torque Rating For '*SUYUKT-GHANA*'Zero Back-Lash Drive

Model	Ratio	Rated O/P	Repeated O/P	Momentary O/P	Max. Input Speed		Average Input Speed		Back Lash	Design Life
		Torque At	Peak Torque At	Peak Torque At	Oil Lub.	Grease Lub.	Oil Lub.	Grease Lub.		
		I/P 3000 rpm	I/P 3000 rpm	I/P 3000 rpm						
		N.M	N.M	N.M					Arc Sec	Hrs
3	30	1.4	1.8	3.3	14000	8500	6500	3500	< 10	8000
	50	2.3	3.3	6.6						10000
	100	3.3	4.8	9						10000
9	30	3.4	4.5	8.5	14000	8500	6500	3500	< 10	8000
	50	5.5	8.3	17						10000
	100	8.9	11	25						10000
11	30	5.7	7.6	14.3	14000	8500	6500	3500	< 10	8000
	50	9.6	17.2	33.4						10000
	80	10.2	21.4	43.8						10000
	100	11.1	28.3	54.5						10000
15	30	10.4	13.8	25.9	10000	7300	6500	3500	< 10	8000
	50	22.1	29.0	59.6						10000
	80	24.8	39.5	80.0						10000
	100	30.3	41.9	85.4						10000
	120	30.7	42.6	67.8						10000
20	30	15	20	38	10000	6500	6500	3500	< 10	8000
	50	32	52	92						10000
	80	39	61	105						10000
	100	43	72	129						10000
	120	43	76	129						10000
	160	43	80	129						10000

Model	Ratio	Rated O/P	Repeated O/P	Momentary O/P	Max. Input Speed		Average Input Speed		Back Lash	Design Life
		Torque At I/P 3000 rpm	Peak Torque At I/P 3000 rpm	Peak Torque At I/P 3000 rpm	Oil Lub.	Grease Lub.	Oil Lub.	Grease Lub.		
		N.M	N.M	N.M	RPM	RPM	RPM	RPM	Arc Sec	Hrs
25	30	35	46	88	7500	5600	5600	3500	< 10	8000
	50	42	75	142						10000
	80	76	120	223						10000
	100	97	142	256						10000
	120	97	151	274						10000
	160	97	159	283						10000
	200	97	159	283						10000
35	30	76	102	204	7000	4800	4600	3500	< 10	8000
	50	97	195	344						10000
	80	145	263	492						10000
	100	195	300	583						10000
	120	216	352	685						10000
	160	216	371	685						10000
	200	216	371	684						10000
45	50	199	408	696	5600	4000	3600	3000	< 10	8000
	80	282	515	973						10000
	100	378	576	1096						10000
	120	423	579	1107						10000
	160	464	666	1214						10000
60	50	238	449	854	5000	3800	3300	3000	< 10	8000
	80	369	669	1203						10000
	100	507	765	1591						10000
	120	584	776	1659						10000
	160	619	866	1876						10000

Model	Ratio	Rated O/P	Repeated O/P	Momentary O/P	Max. Input Speed		Average Input Speed		Back Lash	Design Life
		Torque At I/P 3000 rpm	Peak Torque At I/P 3000 rpm	Peak Torque At I/P 3000 rpm	Oil Lub.	Grease Lub.	Oil Lub.	Grease Lub.		
		N.M	N.M	N.M	RPM	RPM	RPM	RPM	Arc Sec	Hrs
80	50	328	669	1338	4500	3500	3000	2500	< 10	8000
	80	524	950	1878						10000
	100	655	964	2026						10000
	120	776	1031	1967						10000
	160	828	1159	2407						10000
120	50	520	1020	1960	4000	3000	2700	2200	< 10	8000
	80	770	1480	2450						10000
	100	1060	1590	3180						10000
	120	1190	1720	3330						10000
	160	1210	1840	3430						10000
150	50	720	1420	2830	3500	2800	2400	2200	< 10	8000
	80	1040	2110	3720						10000
	100	1520	2300	4750						10000
	120	1570	2510	4750						10000
	160	1570	2630	4750						10000
310	50	1260	2440	4870	2900	2300	2300	1500	< 10	8000
	80	1830	3430	6590						10000
	100	2360	4220	7910						10000
	120	3130	4590	7910						10000
	160	3130	4910	7910						10000
430	50	1720	3530	6660	2700	2000	2100	1300	< 10	8000
	80	2510	3990	7250						10000
	100	3360	5680	9020						10000
	120	4300	6160	9800						10000
	160	4300	6840	11300						10000

Model	Ratio	Rated O/P Torque At I/P 3000 rpm	Repeated O/P Peak Torque At I/P 3000 rpm	Repeated O/P Peak Torque At I/P 3000 rpm	Max. Input Speed		Average Input Speed		Back Lash	Design Life
					Oil Lub.	Grease Lub.	Oil Lub.	Grease Lub.		
		N.M	N.M	N.M	RPM	RPM	RPM	RPM	Arc Sec	Hrs
570	50	2280	4450	8900	2500	1800	1800	1200	< 10	8000
	80	3310	6060	11600						10000
	100	4630	7350	14100						10000
	120	5720	7960	15300						10000
	160	5720	9180	15500						10000
700	50	2280	4450	8900	2500	1800	1800	1200	< 10	8000
	80	3310	6060	11600						10000
	100	4630	7350	14100						10000
	120	5720	7960	15300						10000
	140	7000	7960	15300						10000
	160	5720	9180	15500						10000