

603A Coaxial - Gear

460Nm

Rating - Alluminum COAXIAL GEARBOXES



QUICK SELECTION / Selezione veloce

input speed (n_1) = 1400 min⁻¹

Output Speed n_2 [min ⁻¹]	Ratio i	Motor power P_{1M} [kW]	Output torque M_{2M} [Nm]	Service factor f.s.	Nominal power P_{1R} [kW]	Nominal torque M_{2R} [Nm]	Available B5 motor flanges				Available B14 motor flanges			Output Shaft 	Ratios code
							B	C	D	E	Q	R	T		
							63	71	80	90	71	80	90		
35.2	39.79	1.5	379	1.1	1.7	434	B				C	C		191316	standard ø35 ø28 ø30 ø38 ø40 On request
29.6	47.22	1.5	449	1.1	1.7	501	B				C	C		191314	
25.6	54.73	1.5	521	1.0	1.4	501	B				C	C		171314	
24.5	57.13	1.1	399	1.3	1.4	500	B				C	C		191312	
21.1	66.22	1.1	462	1.1	1.2	500	B				C	C		171312	
19.7	71.01	1.1	496	0.9	0.97	435	B				C	C		191310	
18.3	76.69	1.1	535	0.9	1.0	501	B				C	C		131314	
17.0	82.30	0.75	392	1.1	0.83	435	B				C	C		171310	
16.7	83.59	0.75	398	1.1	0.83	441	B				C	C		190814	
15.1	92.78	0.75	441	1.1	0.85	500	B				C	C		131312	
13.4	104.68	0.75	498	1.0	0.75	501	B				C	C		101314	
11.9	117.22	0.55	409	1.2	0.67	500	B				C	C		170812	
11.1	126.65	0.55	442	1.1	0.62	500	B				C	C		101312	
10.3	135.74	0.37	319	1.4	0.51	441	B				C	C		130814	
9.6	145.68	0.37	342	1.3	0.47	435	B				C	C		170810	
8.9	157.40	0.37	369	1.2	0.44	435	B				C	C		101310	
8.5	165.29	0.37	388	1.3	0.48	500	B				C	C		91312	
7.6	185.29	0.37	435	1.0	0.38	441	B				C	C		100814	
6.8	205.43	0.37	482	0.9	0.33	435	B				C	C		91310	
6.2	224.18	0.37	526	1.0	0.35	500	B				C	C		100812	
5.8	241.82	0.25	384	1.1	0.29	441	B				C	C		90814	
5.0	278.62	0.25	442	1.0	0.25	435	B				C	C		100810	
4.8	292.57	0.25	464	1.1	0.27	500	B				C	C		90812	
3.9	363.63	0.18	415	1.0	0.19	435	B				C	C		90810	

The dynamic efficiency is **0.93** for all ratios

Motor Flanges Available
Flange Motore Disponibili

B) Supplied with Reduction Bushing
Fornito con Bussola di Riduzione

B) Available on Request without reduction bushing
Disponibile a Richiesta senza Bussola di Riduzione

C) Motor Flange Holes Position
Posizione Fori Flangia Motore

EN Unit **603A** is supplied with synthetic oil for lifetime lubrication, no maintenance is necessary. See table 1 for lubrication and recommended quantity. In table 2 please see possible radial loads and axial loads on the gearbox.

For complete documentation please visit our web site.

I Il riduttore **603A** viene fornito completo di olio sintetico per la lubrificazione permanente e non necessita di alcuna manutenzione.

Vedi tab.1 per oli e quantità consigliati.

In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

Per la documentazione completa consulta il nostro sito.

D Das Getriebe **603A** ist mit synthetischem Öl gefüllt und ist lebensdauergeschmiert. In Tabelle 1 ist die Schmiermenge und das empfohlene Schmiermittel angegeben.

In Tabelle 2 sind die zulässigen Radial- und Axialbelastungen des Getriebes aufgeführt.

Die komplette Dokumentation, Wartungs- und Inbetriebnahmeanleitungen finden Sie unter.

E El reductor tamaño **603A** se suministra, lubricado de por vida con aceite sintético y no requiren mantenimiento alguna.

Ver tabla 1, para cantidades y aceites recomendados.

En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

Para documentación completa, consultar nuestra Web.

Standard supplied	For these mounting position specify in the order or add oil Per queste posizioni specificare in fase d'ordine o aggiungere olio					
B3	B6	B7	B8	V5	V6	V8
0.75 LT	0.90 LT	1.15 LT	1.25 LT	1.30 LT	1.35 LT	1.30 LT
AGIP	BP	SHELL	KLUBER	MOBIL		
Telium VSF 320	Energol SGXP220	Tivela Oil WB	Syntheso D220 EP	Glygoyle 30		

tab. 1

RADIAL AND AXIAL LOADS								
Output shaft Albero di uscita			$F_{eq} = F_R \cdot \frac{60.5}{X+25.5}$					
n_2	FA	FR	n_2	FA	FR	n_2	FA	FR
300	560	2800	140	740	3700	70	890	4200
250	600	3000	120	760	3800	40	1160	5800
200	640	3200	85	840	4000	15	1300	6500
Input shaft Albero in entrata								
n_1	FA	FR						
1400	400	2000						
900	440	2200						
500	440	2200						

tab. 2

SELECT THIS TYPE AND THIS SPECIFIC SIZE ON THE WEB PAGES TO GET COMPLETE TECHNICAL DATA.
Selezionare tipo e gandezza specifica nel sito web per la documentazione completa.

