

402C ÷ 603C

Tutti i riduttori sono forniti completi di olio sintetico per la lubrificazione permanente e non necessitano di alcuna manutenzione. I riduttori sono forniti con una quantità d'olio adatta per le posizioni di montaggio B3 / B5.

Nel caso di utilizzo in altre posizioni tipo B6/ B56/ V5/ V1/ V6/ V3/ V8/ V58 e' necessario specificare in fase d'ordine tale scelta.

Nel caso i riduttori forniti con una quantità di lubrificante per posizioni di montaggio B3/ B5 vengano utilizzati in altre posizioni va effettuata una aggiunta d'olio sintetico fino alla quantità totale riportata in tabella.

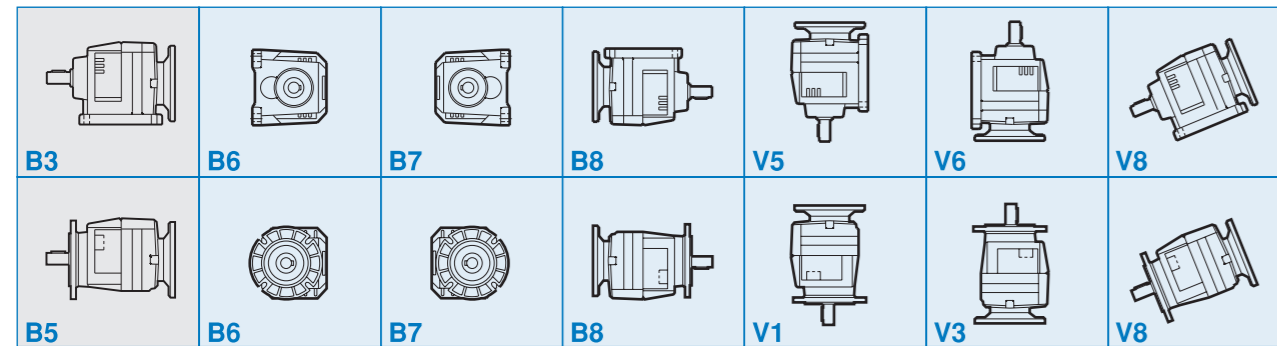
All the units are supplied with synthetic oil for life-time lubrication, no maintenance is necessary.

The gearboxes are furnished with one quantity of oil adapts for the positions of assemblage B3 / B5.

In the case of use in other positions B6/ B56/ V5/ V1/ V6/ V3/ V8/ V58 is necessary to specify in phase of order such pick.

In the case the furnished gearboxes with a quantity of lubricating for positions of assemblage B3 / B5 is used in other positions it goes effected an addition of synthetic oil up to the total quantity brought in chart.

Standard A richiesta / On request



Quantità di olio / Oil quantity [lt.]

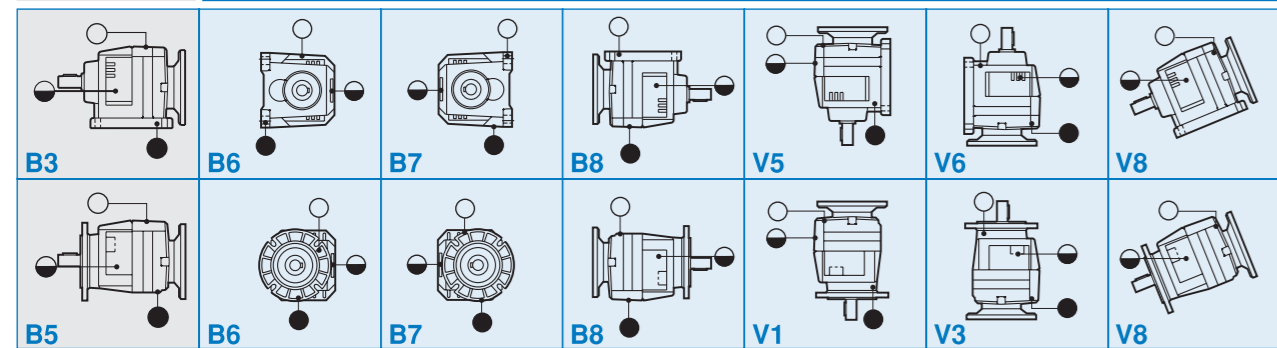
	B3	B6	B7	B8	V5	V6	V8
402C	0.50	0.50	0.50	0.50	0.65	0.85	0.65
403C	0.55	0.55	0.55	0.55	0.70	0.90	0.70
602C	1.00	1.50	1.50	1.50	2.00	2.00	2.00
603C	1.30	1.50	1.50	1.50	2.10	2.00	2.10

025 ÷ 273

I riduttori tipo 025 - 273 sono lubrificati ad olio e vengono forniti senza lubrificante; occorre quindi, prima di metterli in funzione, immettere olio fino a livello.

The unit sizes 025 - 273 are oil lubricated and are supplied without oil; before starting fill with oil up to the level plug.

Standard A richiesta / On request



ISOVG	Olio minerale / Mineral oil				Olio sintetico / Synthetic oil		
	680	460	320	220	460	220 320	150
T° ambiente Ambient T°	5° ÷ 50°	5° ÷ 45°	0° ÷ 40°	0° ÷ 35°	-15° ÷ 100°	-25° ÷ 80°	-30° ÷ 70°
AGIP	Blasia 680	Blasia 460	Blasia 320	Blasia 220		Telium VSF 320	Telium VSF 150
BP	Energol GRXP 680	Energol GRXP 460	Enerol GRXP 320	Enerol GRXP 220	Energol SGXP 460	Energol SGXP 220	Energol SGXP 150
ESSO	Spartan EP 680	Spartan EP 460	Spartan EP 320	Spartan EP 220			
SHELL	Omala OIL 680	Omala OIL 460	Omala OIL 320	Omala OIL 220	Tivela OIL SD	Tivela OIL WB	

Codifica riduttori 2-3 stadi / 2-3 stages- how to order

P	402..	-F	5.5	C	2	D	B5	B3	
Tipo / Type	Grandezza Size	Ghisa Cast Iron	Rapporto Ratio	Albero uscita Output shaft	Flangia uscita Output flange	Grandezza motore Motor size	Grand. motore Motor size		
M	2 Riduzioni Stages 402C 602C 025 026 027 27A	SP	Ved. tabella Dati Tecnici See Technical data table	* standard 402C 403C V → ∅ 25 B → ∅ 16 C → ∅ 19 D → ∅ 20 E → ∅ 24	N Senza Flangia Without Flange 402C 403C 1 → ∅ 120 2 → ∅ 140 3 → ∅ 160 4 → ∅ 200	IEC B5 B → 63 (∅ 140) C → 71 (∅ 160) D → 80 (∅ 200) E → 90 (∅ 200) F → 100-112 (∅ 250) G → 132 (∅ 300) H → 160 (∅ 350) I → 180 (∅ 350)	B5 B14	Posizione di montaggio Mounting position Ved. tabella / See table	
P		-F		602C 603C * I → ∅ 35 H → ∅ 30 L → ∅ 38 M → ∅ 40	602C 603C 3 → ∅ 160 4 → ∅ 200 5 → ∅ 250				
R		3 Riduzioni Stages 403C 603C 253 263 273		-N	025 253 * C → ∅ 40 R → ∅ 45 1 → ∅ 38				025 253 C → ∅ 250
B				Solo per Only for 402/3C 602/3C	026 263 C → ∅ 50				026 263 C → ∅ 300
					27A 273 C → ∅ 60				27A 273 C → ∅ 350

* I diametri evidenziati in rosso sono standard / The diameters in red are Standard

- Indicare nell'ordine se con motore a 2 poli / Specify in the order 2 poles motors.

Altri prodotti Hydro-Mec / Other Hydro-Mec products

Vite senza fine Worm gearboxes



Riduttori coassiali Coaxial gearboxes



Riduttori 1 stadio 1step gearboxes



Serie "F" "F" serie



Strong-Gears

RG - Catalogue

Cast-iron coaxial speed reducers
Riduttori coassiali in ghisa

0.13÷22 Kw / 195÷2000 Nm

Cat.:RCX-RG-200?

Selezione / Selection

195 Nm		402C		n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [Nm]	f.s.	B 5				B 14				
					B	C	D	E	Q	R	T	U	
252	5.55	3	109	1.1	B					C	C		
191	7.33	3	144	1.0	B					C	C		
156	8.96	3	176	0.9	B					C	C		
139	10.04	2.2	145	1.0	B					C	C		
120	11.64	2.2	168	1.0	B					C	C		
106	13.26	2.2	191	0.9	B					C	C		
91	15.37	1.5	151	1.3	B					C	C		
86	16.20	1.5	159	1.1	B					C	C		
75	18.78	1.5	184	0.9	B					C	C		
65	21.54	1.1	155	1.3	B					C	C		
63	22.26	1.1	160	1.0	B					C	C		
53	26.31	0.75	129	1.3	B					C	C		
47.6	29.40	0.75	144	1.4	B					C	C		
39	35.91	0.75	176	1.0	B					C	C		
36.5	38.37	0.55	138	1.3	B					C	C		
29.9	46.87	0.55	169	1.0	B					C	C		
27.6	50.67	0.37	123	1.2	B					C	C		
22.6	61.89	0.37	150	1.1	B					C	C		

403C				n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [Nm]	f.s.	B 5				B 14				
					B	C	D	E	Q	R	T	U	
19.7	70.95	0.37	167	1.2	B					C	C		
18.7	74.77	0.37	176	1.0	B					C	C		
16.2	86.66	0.37	203	0.9	B					C	C		
14.5	96.85	0.25	154	1.3	B					C	C		
11.8	118.3	0.25	188	0.9	B					C	C		
10.3	135.7	0.18	155	1.3	B					C	C		
8.4	165.7	0.18	189	0.9	B					C	C		

460 Nm		602C		n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [Nm]	f.s.	B 5				B 14				
					C	D	E	F	R	T	U	V	
388	3.61	7.5	177	0.9	B								
331	4.23	7.5	208	1.0	B								
279	5.01	7.5	246	1.0	B								
231	6.07	7.5	298	0.9	B								
206	6.81	5.5	245	1.4	B								
176	7.96	5.5	287	1.3	B								
148	9.45	5.5	340	1.2	B								
122	11.43	5.5	412	1.0	B								
99	14.21	4	372	1.2	B								
84	16.62	4	435	1.2	B								
70	20.10	4	527	0.9	B								
56	24.98	3	491	0.9	B								
47.6	29.41	2.2	424	1.0	B								
39.3	35.58	1.85	431	1.2	B								
34.6	40.50	1.1	292	1.1	B								
31.7	44.23	1.5	434	1.0	B								
28.6	49.0	1.1	353	1.0	B								
23	60.9	1.1	439	1.0	B								

603C				n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [Nm]	f.s.	B 5				B 14				
					B	C	D	E	Q	R	T	U	
21.1	66.22	1.1	462	1.1	B					C	C		
19.7	71.01	1.1	496	0.9	B					C	C		
18.3	76.69	1.1	535	0.9	B					C	C		
17.0	82.30	0.75	392	1.1	B					C	C		
16.7	83.59	0.75	398	1.1	B					C	C		
15.1	92.78	0.75	441	1.1	B					C	C		
13.4	104.7	0.75	498	1.0	B					C	C		
11.9	117.2	0.55	409	1.2	B					C	C		
11.1	126.6	0.55	442	1.1	B					C	C		
10.3	135.8	0.37	319	1.4	B					C	C		
9.6	145.7	0.37	342	1.3	B					C	C		
8.9	157.4	0.37	369	1.2	B					C	C		
8.5	164.2	0.37	385	1.3	B					C	C		
7.6	185.3	0.37	435	1.0	B					C	C		
6.9	204.2	0.37	479	0.9	B					C	C		
6.2	224.2	0.37	526	1.0	B					C	C		
5.0	278.6	0.25	442	1.0	B					C	C		

700 Nm		025		n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [DaNm]	f.s.	B 5				B 14				
					D	E	F	G	Q	R	T	U	
642	2.26	9.2	13.2	1.4				B					
522	2.78	9.2	16.3	1.4				B					
430	3.37	9.2	19.7	1.0				B					
420	3.43	9.2	20	1.1				B					
349	4.15	9.2	24.8	1.0				B					
283	5.14	9.2	31	1.1				B					
240	6.04	9.2	35.3	1.4				B					
199	7.29	9.2	42.7	1.4				B					
161	9.01	9.2	52.7	1.0				B					
133	10.88	9.2	63.7	1.0				B					
108	13.43	7.5	63.3	0.9				B					
87	16.62	5.5	58.5	0.9									
73	19.81	4	51.8	1.0									
71	20.51	4	53.7	1.1									
61	23.92	4	62.6	1.0									
49	29.52	3	56.2	1.0									

253				n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [DaNm]	f.s.	B 5				B 14				
					C	D	E	F	Q	R	T	U	
41	34.98	3	63.1	1.0				B					
34	43.18	2.2	58.4	1.0				B					
28	50.35	2.2	70	0.9				B					
23	62.15	1.5	56.1	1.0				B					
19	75.06	1.5	67.7	0.8				B	B				
15	90.63	1.1	62.2	1.0				B	B				
13	108.0	0.75	55	1.0				B	B				
12	111.9	0.75	52.5	1.1				B	B				
11	130.5	0.75	61.2	1.0				B	B				
9	161.0	0.75	75	0.9				B	B				

1100 Nm		026		n ₁ =1400 min ⁻¹									
n ₂ [min ⁻¹]	i	P _{1M} [KW]	M _{2M} [DaNm]	f.s.	B 5				B 14				
					F	G	H	I	R	T	U	V	
360	4.03	18.5	47.5	1.1									
321	4.52	18.5	53.3	1.0									
248	5.84	18.5	68.9	1.1									
222	6.54	18.5	77.1	1.0									
202	7.19	18.5	84.8	1.1									
180	8.05	18.5	95	1.0									
170	8.51	18.5	100.4	1.0									
152	9.53	15	90	1.1									
143	10.13	11	71.3	1.0									
116	12.48	11	88	1.0									
98	14.78	11	104	1.0									
84	17.30	9.2	101.2	0.9									
71	20.48	9.2	119.8	0.9									
61	23.75	7.5	111.9	0.8									
52	28.13	5.5	99	1.0									

263				n ₁ =1400 min ⁻¹	
n _{2</}					