


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
							-C	-D	-E	-F	-G	-R	-T	-U	-V		
							71	80	90	100* 112	132*	80	90	100 112	132		
388	3.61	4	93	1.6	6.3	150	B									3018	01
331	4.23	4	108	1.6	6.1	170	B									3016	02
279	5.01	4	129	1.6	6.1	200	B									3014	03
231	6.07	4	156	1.6	6.3	250	B									3012	04
206	6.81	4	175	1.6	6.2	277	B									2018	05
176	7.96	4	204	1.5	5.8	300	B									2016	06
148	9.45	4	242	1.3	4.9	304	B									2014	07
122	11.43	4	293	1.0	4.0	300	B									2012	08
99	14.21	3	274	1.0	2.8	265	B									2010	09
84	16.62	3	321	0.9	2.8	304	B									1314	10
70	20.10	2.2	286	1.0	2.3	300	B									1312	11
56	24.98	1.85	302	0.9	1.6	265	B									1310	12
47.6	29.41	1.5	288	1.1	1.6	304	B									814	13
39.3	35.58	1.5	349	0.9	1.3	300	B									812	14
34.6	40.50	1.1	290	1.0	1.1	290	B									614	15
31.7	44.23	1.1	316	0.8	0.92	265	B									810	16
28.6	49.00	0.75	240	1.2	0.93	300	B									612	17
23.0	60.90	0.75	299	0.9	0.66	265	B									610	18

The dynamic efficiency is **0.96** for all ratios *Nel montaggio P la flangia può superare l'ingombro massimo dei piedi. Eventualmente utilizzare la flangia B14
* In the P mounting the B5 motor flange can exceed the foot maximum dimensions. Possibly use the flange B14

- 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 **452A** 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.

I Il riduttore **452A** 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.

D Das Getriebe **452A** 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.

F Le réducteur **452A** est fourni complet avec de l'huile synthétique pour la lubrification permanente et ne nécessite aucun entretien. Voir tableau 1 concernant les huiles et les quantités conseillées. Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

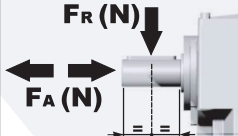
E El reductor tamaño **452A** se suministra, lubricado de por vida con aceite sintético y no requieren mantenimiento alguna. Ver tabla 1, para cantidades y aceites recomendados. En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

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
0.31 LT	0.31 LT	0.31 LT	0.31 LT	0.31 LT	0.31 LT	Ask
AGIP Telium VSF 320			SHELL Omala S4 WE 320			

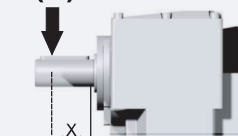
For all details on lubrication and plugs check our website **tab. 1**
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

RADIAL AND AXIAL LOADS

Output shaft / Albero di uscita




F_R (N)
 F_A (N)



F_{eq} (N)
 $F_{eq} = F_R \cdot \frac{51}{X+21}$

n_2	FA	FR	n_2	FA	FR	n_2	FA	FR
300	415	2070	140	540	2700	70	700	3510
250	430	2160	120	560	2790	40	810	4050
200	470	2340	85	630	3150	15	900	4500

Input shaft / Albero in entrata



n_1	FA	FR
1400	400	2000
900	440	2200
500	440	2200

tab. 2

