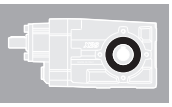


▪ QUICK SELECTION / Selezione veloce

The dynamic efficiency is **0.94** for all ratios

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 -B 63	Available B5 motor flanges -C 71	Available B14 motor flanges -O 56	Available B14 motor flanges -P 63	Available B14 motor flanges -Q 71		Output Shaft	Ratios code
38.7	**36.17**	0.37	86	1.2	**0.43**	**100**			C	C		17179		02
31.7	**44.21**	0.37	105	1.0	**0.35**	**100**			C	C		19139		03
27.6	**50.68**	0.25	81	1.2	**0.31**	**100**			C	C		17139		04
25.3	**55.36**	0.25	89	1.1	**0.28**	**100**			C	C		17177		05
23.2	**60.31**	0.25	96	1.0	**0.26**	**100**			C	C		15139		06
21.2	**65.88**	0.25	105	0.9	**0.24**	**100**			C	C		15177		07
19.4	**72.25**	0.18	88	1.1	**0.22**	**100**			C	C		10179	**standard**	08
17.6	**79.64**	0.18	97	1.0	**0.20**	**100**			C	C		13177	**ø20**	09
15.2	**92.31**	0.18	113	0.9	**0.17**	**100**			C	C		15137		10
14.6	**95.65**	0.18	117	0.9	**0.16**	**100**			C	C		9179		11
13.8	**101.23**	0.12	80	1.2	**0.15**	**100**			C	C		10139	ø25	12
11.0	**127.37**	0.12	101	1.0	**0.12**	**100**			C	C		7179	On request	13
9.3	**151.16**	0.09	95	1.0	**0.10**	**100**			C	C		6179		14
7.8	**178.46**	0.09	113	0.9	**0.09**	**100**			C	C		7139		15
6.6	**211.79**	0.06	88	1.1	**0.07**	**100**			C	C		6139		16
6.1	**231.37**	0.06	96	1.0	**0.07**	**100**			C	C		6177		17
5.1	**273.16**	0.06	113	0.9	**0.06**	**100**			C	C		7137		18
4.3	**324.18**	0.06	134	0.7	**0.05**	**100**			C	C		6137		19

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

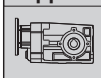
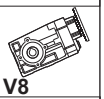
EN Unit **X33S** is supplied with synthetic oil for lifetime lubrication, no maintenance is necessary.
See table 1 for lubrication and recommended quantity.
In table 2 please see possible radial loads and axial loads on the gearbox.

I Il riduttore **X33S** 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 **X33S** 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 **X33S** 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 **X33S** 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.

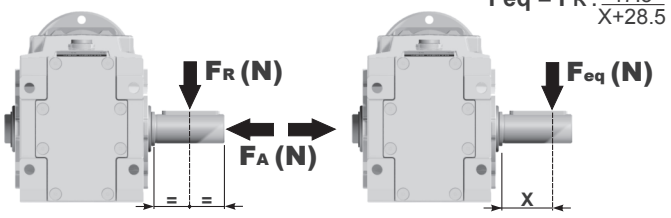
Standard supplied	**For these mounting position specify in the order or add oil** Per queste posizioni specificare in fase d'ordine o aggiungere olio					
 **B3**	 **B6**	 **B7**	 **B8**	 **V5**	 **V6**	 **V8**
0.70 LT	0.65 LT	0.40 LT	0.65 LT	0.95 LT	0.65 LT	Ask
AGIP Telium VSF 320			**SHELL** Omala 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

$$Feq = F_R \cdot \frac{47.5}{X+28.5}$$



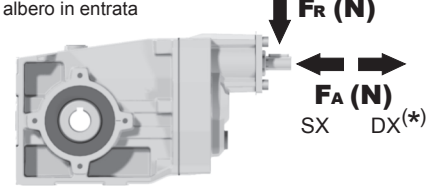
n_2 [min^{-1}]	FA	FR
250	400	2000
150	450	2250
100	500	2500

n_2 [min^{-1}]	FA	FR
75	560	2800
50	560	2800
25	560	2800

n_2 [min^{-1}]	FA	FR
15	560	2800

FR **On request taper roller bearings to increase radial loads.**
A richiesta cuscinetti a rulli conici per aumentare i carichi radiali.

Input shaft
albero in entrata



n_1 [min^{-1}]	FA	FR
1400	140	700
900	160	800
500	190	950

***Strong axial loads in the DX direction are not allowed.**
Non sono consentiti forti carichi assiali con direzione DX

tab. 2