



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		B14 motor flanges			Output Shaft 	Ratios code
							-F	-G	-U	-V			
28.8	48.57	9	2750	1.1	9.5	2900							01
20.5	68.43	7.5	3118	1.0	7.0	3000							02
18.7	74.95	5.5	2523	1.2	6.4	3000							03
15.1	92.53	5.5	3115	1.0	5.2	3000							04
13.8	101.33	4	2496	1.2	4.7	3000							05
11.6	120.33	4	2963	1.0	4.0	3000							06
11.3	123.75	4	3048	1.0	3.9	3000							07
10.6	131.78	4	3245	0.9	3.6	3000							08
9.5	147.28	3	2731	1.1	3.2	3000							09
8.7	161.30	3	2990	1.0	3.0	3000							10
7.1	196.98	2.2	2689	1.1	2.4	3000							11
6.6	212.99	2.2	2907	1.0	2.2	3000							12
6.0	233.26	2.2	3184	0.9	2.0	3000							13
4.9	284.86	2.2	3889	0.8	1.7	3000							14

The dynamic efficiency is **0.92** 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 **X104** is supplied without lubricant and equipped with a breather, level and drain plugs. User can add mineral oil keeping existing plugs. Should the user wish to fill it with synthetic oil, it is recommended to replace the existing plugs with a closed plug.
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 tipo **X104** è fornito privo di lubrificazione con tappi di sfiato, livello e scarico olio. L'utente può immettere olio minerale mantenendo i tappi esistenti. Se immetterà olio sintetico, dovrà sostituire i tappi esistenti con altri tipo chiuso.
Tab.1 per oli e quantità consigliati.
Tab.2 carichi radiali e assiali applicabili al riduttore.

D Das Getriebe der Baugröße **X104** wird ohne Schmiermittel geliefert. Es ist jedoch mit Einfüllschraube, Überdruckventil und Ablassschraube ausgerüstet. Das benötigte mineralische Öl kann über die Einfüllschraube eingefüllt werden. Sollte synthetisches Öl bevorzugt werden, so ist sind das eingebaute Überdruckventil durch eine geschlossenen Schraube zu ersetzen.
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 de type **X104** est fourni sans lubrification et avec un bouchon de remplissage, de niveau et d'évacuation de l'huile. L'utilisateur peut y verser de l'huile minérale en conservant les bouchons existants. S'il y versera de l'huile synthétique, il devra substituer les bouchons existants avec d'autres bouchons de type fermé.
Voir tableau 1 concernant les huiles et les quantités conseillées.
Voir tableau 2 concernant les charges radiales et axiales applicables au réducteur

E El reductor tamaño **X104** se suministra sin lubricante, provisto de tapones de respiración, nivel y descarga de aceite. El usuario puede utilizar aceite mineral, manteniendo los tapones existentes. Si prefiere utilizar aceite sintético deberá sustituir los tapones existentes por tapones ciegos. La prerreducción se suministra con tapones ciegos, lubricado de por vida con aceite sintético. 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
12.00 LT	6.00 LT	11.50 LT	8.00 LT	14.50 LT	11.00 LT	Ask
SHELL Omala S2 GX 460				ENI Blasla 460		

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

tab. 1

RADIAL AND AXIAL LOADS									
Output shaft Albero di uscita			$F_{eq} = F_R \cdot \frac{253}{X+193}$						
n_2	F_A	F_R	n_2	F_A	F_R	n_2	F_A	F_R	
300	2000	10000	140	2800	14000	70	3500	17500	
250	2500	12500	120	3000	15000	40	4200	21000	
200	2700	13500	85	3200	16000	15	5400	27000	
Input shaft Albero in entrata									
n_1	F_A	F_R							
1400	700	3500							
900	840	4200							
500	900	4500							

tab. 2

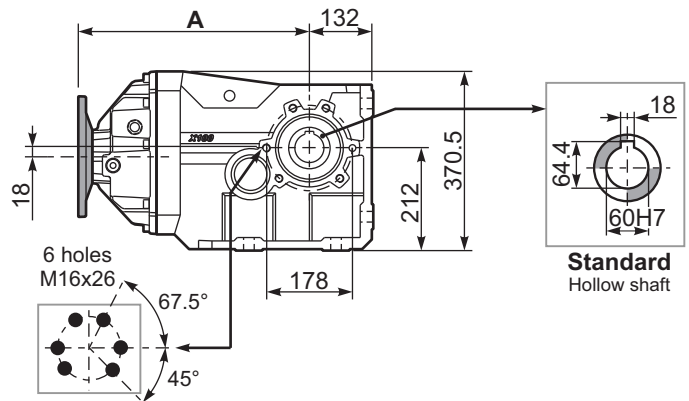
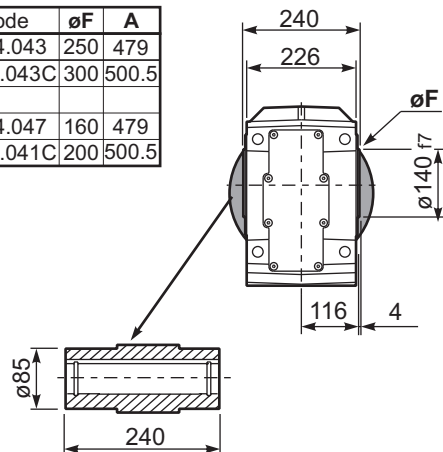
PX104C...

Basic Gearbox
Riduttore base

Gearbox
weight
peso riduttore

118 kg

M. flanges	Kit code	øF	A
100/112B5	K023.4.043	250	479
132B5	KC51.4.043C	300	500.5
100/112B14	K085.4.047	160	479
132B14	KC51.4.041C	200	500.5

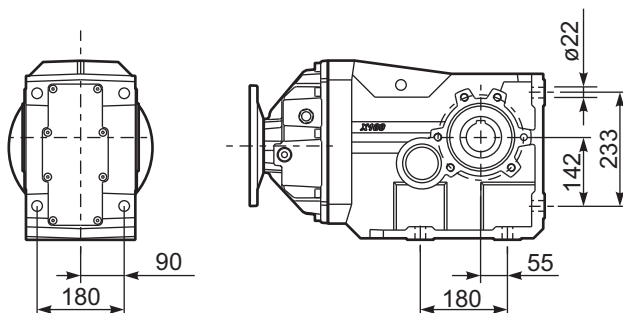


Mounting holes position
Posizione fori di montaggio

Standard
Hollow shaft

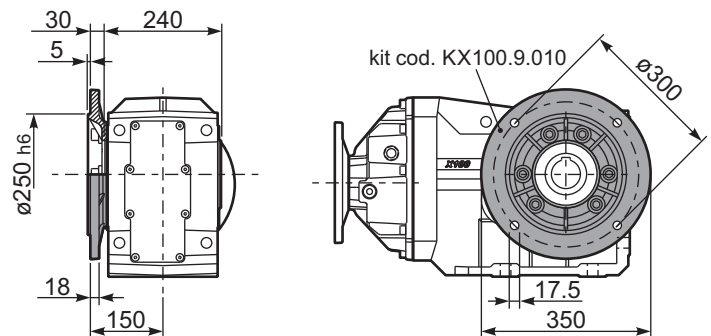
PX104...FB..

Feet
Piedini



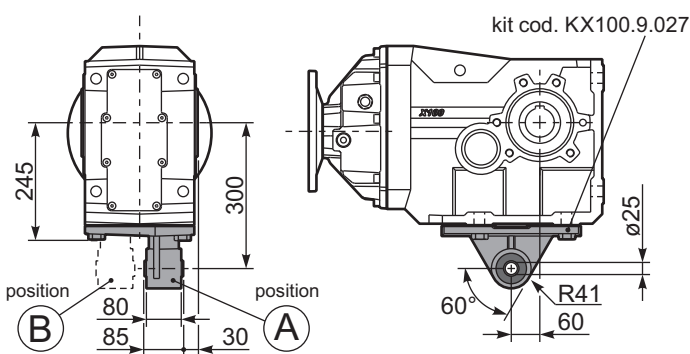
PX104...-F6..

Output flange
Flangia uscita



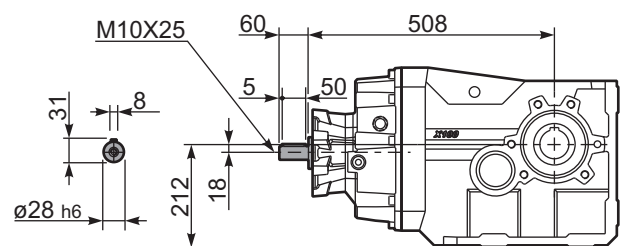
PX104...BR..

Reaction Arm
Braccio di reazione



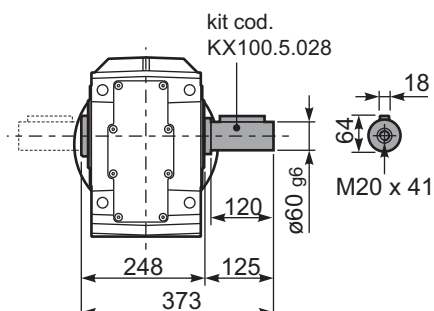
RX104...

Input shaft
Albero in entrata



PX104A...

Single shaft
Albero lento semplice



PX104B...

Double shaft
Albero lento bisp.

