

### QUICK SELECTION / Selezione veloce

The dynamic efficiency is **0.96** for all ratios **input speed (n<sub>1</sub>) = 1400 min<sup>-1</sup>**

Output Speed n <sub>2</sub> [min <sup>-1</sup> ]	Ratio i	Motor power P <sub>1M</sub> [kW]	Output torque M <sub>2M</sub> [Nm]	Service factor f.s.	Nominal power P <sub>1R</sub> [kW]	Nominal torque M <sub>2R</sub> [Nm]	Available B5 motor flanges		Available B14 motor flanges			Output Shaft 	Ratios code		
							-B	-C	-O	-P	-Q				
							63	71	56	63	71				
290	<b>4.83</b>	0.37	12	2.6	<b>0.95</b>	<b>30</b>			C	C		289	standard ø20	01	
189	<b>7.40</b>	0.37	18	1.7	<b>0.62</b>	<b>30</b>			C	C		287		02	
146	<b>9.58</b>	0.37	23	1.7	<b>0.64</b>	<b>40</b>			C	C		199		03	
128	<b>10.98</b>	0.37	27	1.7	<b>0.63</b>	<b>45</b>			C	C		179		04	
107	<b>13.07</b>	0.37	32	1.4	<b>0.53</b>	<b>45</b>			C	C		159		05	
95	<b>14.66</b>	0.37	35	1.3	<b>0.47</b>	<b>45</b>			C	C		197		06	
89	<b>15.79</b>	0.37	38	1.2	<b>0.44</b>	<b>45</b>			C	C		139		07	
83	<b>16.81</b>	0.37	41	1.1	<b>0.41</b>	<b>45</b>			C	C		177		08	
70	<b>20.00</b>	0.37	48	1.0	<b>0.37</b>	<b>48</b>			C	C		157		09	
64	<b>21.93</b>	0.37	53	0.9	<b>0.35</b>	<b>50</b>			C	C		109		On request	10
58	<b>24.18</b>	0.25	39	1.3	<b>0.32</b>	<b>50</b>			C	C		137		11	
48.2	<b>29.04</b>	0.25	47	1.1	<b>0.26</b>	<b>50</b>			C	C		99		12	
41.7	<b>33.57</b>	0.18	42	1.2	<b>0.23</b>	<b>50</b>			C	C		107		13	
36.2	<b>38.67</b>	0.18	48	1.0	<b>0.20</b>	<b>50</b>			C	C		79		14	
31.5	<b>44.44</b>	0.18	55	0.9	<b>0.17</b>	<b>50</b>			C	C		97		15	
23.7	<b>59.18</b>	0.12	48	1.0	<b>0.13</b>	<b>50</b>			C	C		77		16	
19.9	<b>70.24</b>	0.09	45	1.1	<b>0.11</b>	<b>50</b>			C	C		67		17	

  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 **X22S** 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 **X22S** 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 **X22S** 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 **X22S** 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 **X22S** 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
0.25 LT	0.25 LT	0.25 LT	0.25 LT	0.43 LT	0.31 LT	Ask
SHELL Omala S4 WE 320				ENI Telium VSF 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

$F_{eq} = F_R \cdot \frac{101}{X+82}$

$F_R$  (N)  
 $F_A$  (N)

$F_{eq}$  (N)  
x

n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR	n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR	n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR
400	360	1800	100	440	2200	25	440	2200
250	380	1900	75	440	2200	15	440	2200
150	420	2100	50	440	2200			

**F<sub>R</sub>** 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 <sub>1</sub> [min <sup>-1</sup> ]	FA	FR
1400	140	700
900	160	800
500	190	950

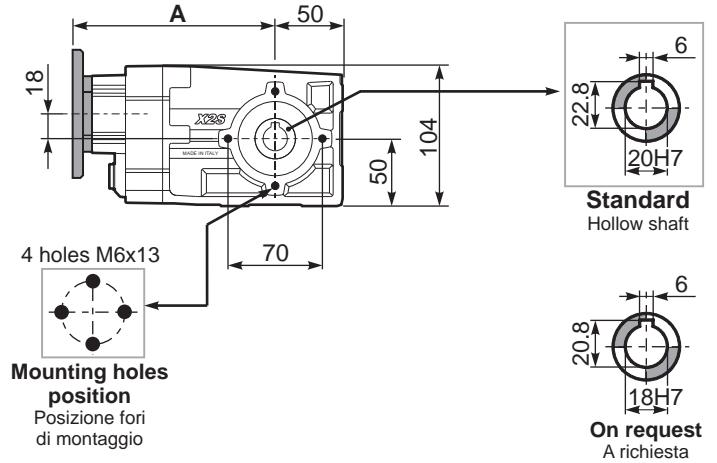
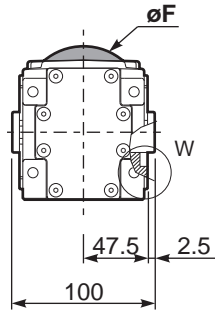
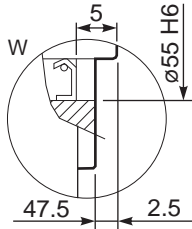
**\*Strong axial loads in the DX direction are not allowed.**  
 Non sono consentiti forti carichi assiali con direzione DX

**tab. 2**

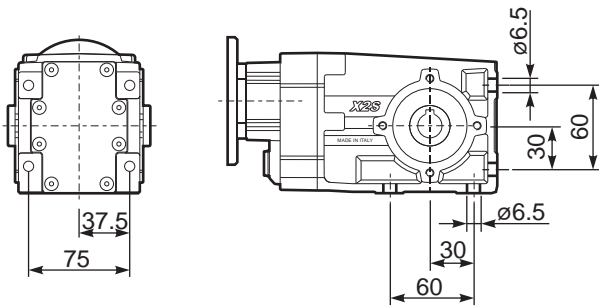
**PX22SC...** Basic Gearbox  
Riduttore base

**Gearbox weight** 3.70 kg  
peso riduttore

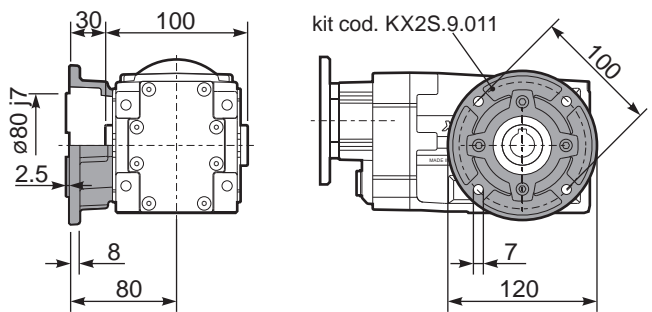
M. flanges	Kit code	øF	A
63B5	K050.4.041	138	154.5
71B5	K050.4.042	160	152
56B14	KC40.4.049	80	152
63B14	K050.4.047	90	154.5
71B14	K050.4.045	105	152



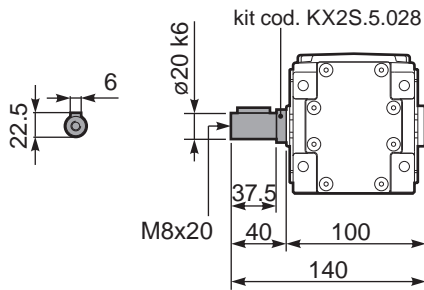
**PX22S...FB..** Feet  
Piedini



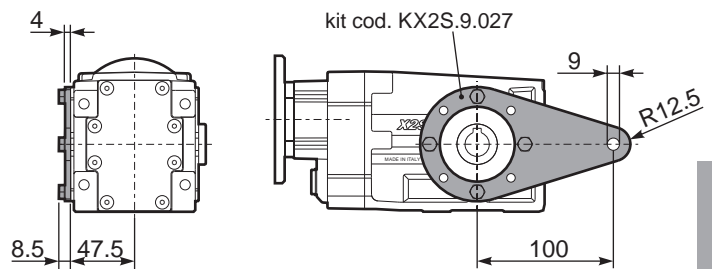
**PX22S...-F1..** Output flange  
Flangia uscita



**PX22SA..** Single output shaft  
Albero semplice in uscita



**PX22S...BR..** Reaction Arm  
Braccio di reazione



**RX22S..** Input shaft  
Albero in entrata

