



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			Hollow Shaft standard ø20	Ratios code
							B	C	O	P	Q		
24.2	57.95	0.25	93	1.0	0.24	90			C	C		2844	01
13.4	104.80	0.12	83	1.1	0.13	90			C	C		1954	02
11.5	121.47	0.12	96	0.9	0.12	90			C	C		1756	03
9.8	142.59	0.09	90	1.0	0.10	90			C	C		1558	04
8.2	170.20	0.06	70	1.3	0.08	90			C	C		1360	05
6.0	232.32	0.06	96	0.9	0.06	90			C	C		1063	06
4.6	303.20	0.06	126	*	0.05	90			C	C		974	07
3.5	400.37	0.06	166	*	0.04	90			C	C		776	08

The dynamic efficiency is **0.93** for all ratios

A) 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

* Power higher than the maximum one which can be born by the gearbox. Select according to the torque moment M_{2R}
Potenza superiore a quella massima sopportabile dal riduttore. Selezionare in base al momento torcente M_{2R} .

EN Unit **FS20** 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 **FS20** 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 **FS20** 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 **FS20** 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 **FS20** 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.

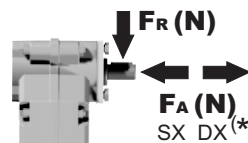
LUBRICATION FS20 Oil Quantity 0.50 Lt.

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 LOADS

Input shaft
Albero in entrata



n_1	FA	FR
1400	140	700
900	160	800

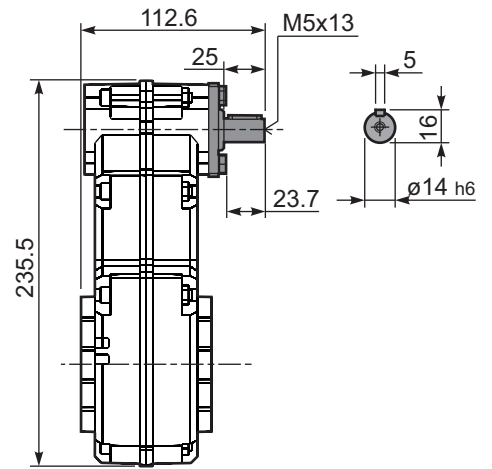
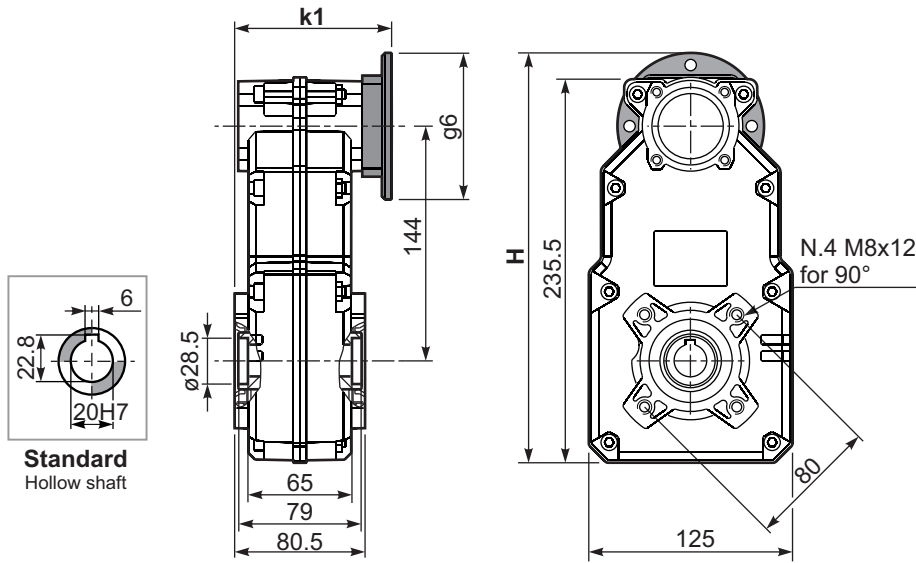
*Strong axial loads in the DX direction are not allowed.
Non sono consentiti forti carichi assiali con direzione DX

tab. 2

PFS20... Basic gearbox
Riduttore base

Gearbox weight
peso riduttore **4.3 kg**

RFS20... Input Shaft
Albero in entrata



B14 Motor Flanges	H	g6	k1	kit code
56 B14	245.5	80	94.3	KC40.4.049
63 B14	251.5	90	96.8	K050.4.047
71 B14	259	105	94.3	K050.4.045

B5 Motor Flanges	H	g6	k1	kit code
63 B5	276.5	138	96.8	K050.4.041
71 B5	286.5	160	94.3	K050.4.042

PFS20-F Output flange
flangia di uscita

