



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			Dynamic efficiency RD	Tooth Module [mm]	Ratios code
							-C	-D	-E	-F	-R	-T	-U			
							71	80	90	100 112	80	90	100 112			
200	7	4	172	1.1	4.4	190		B	B		B	B		90	3.75	01
140	10	4	240	1.0	3.8	230		B	B		B	B		88	3.75	02
93	15	3	261	1.0	2.9	250		B	B		B	B		85	3.75	03
70	20	2.2	249	1.0	2.2	250		B	B		B	B		83	3.00	04
56	25	1.5	205	1.2	1.8	250	B	B			B			80	2.41	05
45	31	1.5	244	1.1	1.7	270	B	B			B			77	3.75	06
35	40	1.5	295	0.9	1.3	255	B	B			B			72	3.10	07
28	50	0.75	174	1.3	0.95	220	B							68	2.41	08
23	60	0.75	200	1.0	0.75	200	B							65	2.10	09
17.5	80	0.55	177	1.0	0.56	180	B							59	1.53	10
14.0	100	0.55*	206	0.7	0.40	150	B							55	1.23	11

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 **Q75** is supplied with synthetic oil, providing "long life" lubrication. For mounting position V5-V6 please contact us.
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 **Q75** viene fornito lubrificato a vita con olio sintetico. Per posizioni V5-V6 contattare il ns. servizio tecnico.
Vedi tab.1 per oli e quantità consigliati.
In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

D Für die Lebensdauerschmierung ist das Getriebe der Größe **Q75** mit synthetischem Öl befüllt.
Bei Einbaulage V5 oder V6 bitten wir um Rücksprache.
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 **Q75** est fourni lubrifié à vie avec de l'huile synthétique. Concernant les positions V5.V6, contactez notre service d'assistance technique.
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 **Q75** se suministra, lubricado de por vida con aceite sintético. Para las posiciones V5 y V6 contactar con nuestro servicio técnico.
Ver tabla 1, para cantidades y aceites recomendados.
En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

LUBRICATION Q75 Oil Quantity 0.40 Lt.

AGIP Telium VSF 320

SHELL Omala S4 WE 320

For all details on lubrication and plugs check our website

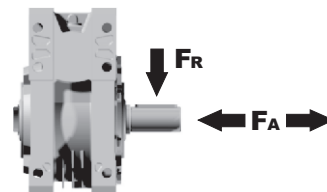
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

tab. 1

RADIAL AND AXIAL LOADS

Output shaft

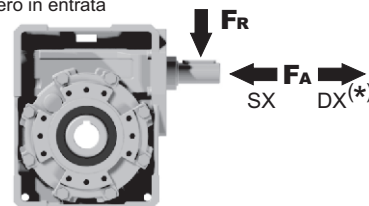
Albero di uscita



n_2 [min ⁻¹]	FA [N]	FR [N]
200	460	2300
150	520	2600
100	560	2800
75	620	3100
50	720	3600
25	880	4400
15	1000	5000

Input shaft

albero in entrata



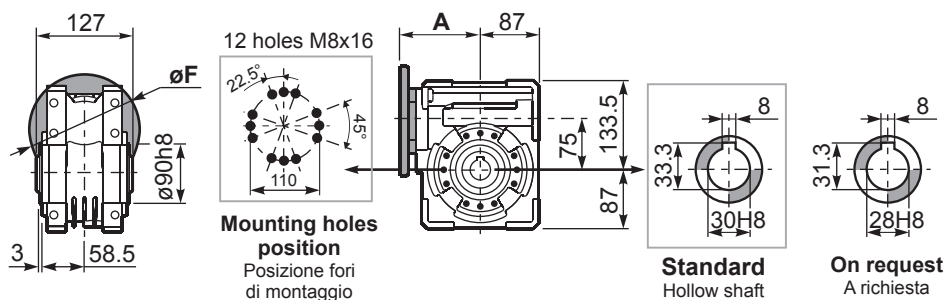
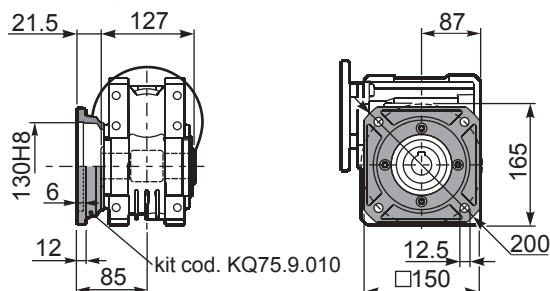
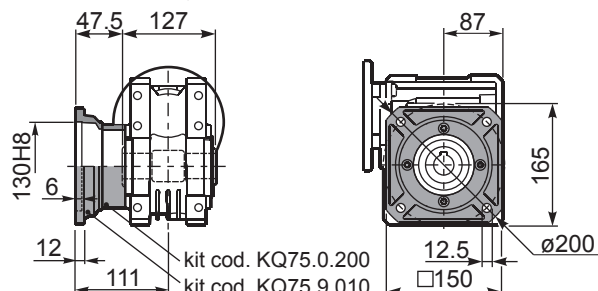
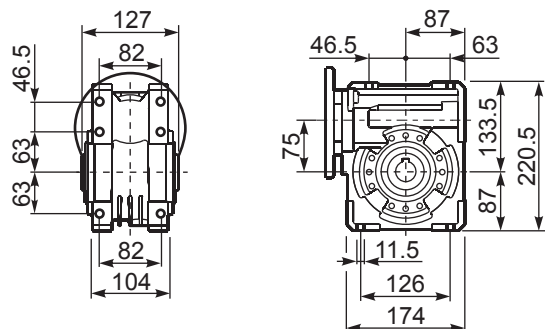
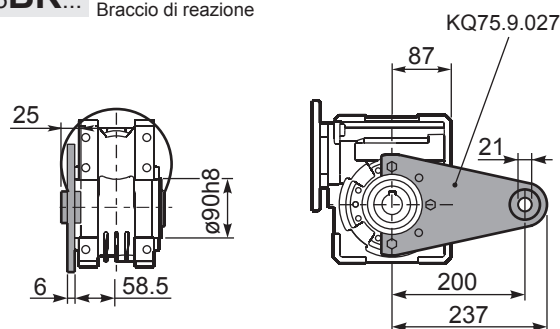
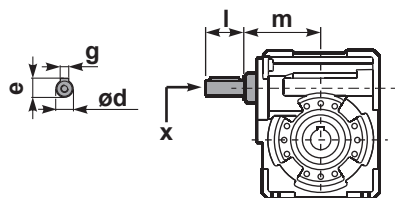
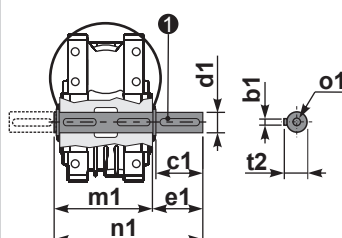
n_1 [min ⁻¹]	FA [N]	FR [N]
1400	125	630

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

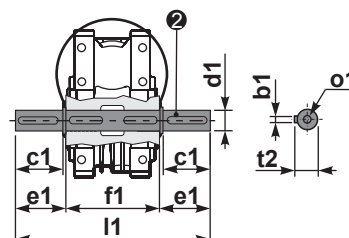
tab. 2

PQ75FB...Basic wormbox
Riduttore baseGearbox
weight
peso riduttore**8.70 kg**

M. flanges	Kit code	øF	A
71B5	K023.4.041	160	114
80/90B5	K023.4.042	200	116
100/112B5	K023.4.043	250	125
80B14	K085.4.046	120	116
90B14	K085.4.045	140	116
100/112B14	K085.4.047	160	125

**PQ75FC...**Square flange
Flangia quadrata**PQ75FL...**Square flange
Flangia quadrata**PQ75FB...**Feet
Piedini**PQ75BR...**Reaction arm
Braccio di reazione**RQ75FB...**Input shaft
Albero in entrata**PQ75.....S...**Single Shaft
Albero lento semplice

① kit cod. KQ75.5.028 Standard
kit cod. KQ75.5.026 On request

PQ75.....D...Double Shaft
Albero lento bisp.

② kit cod. KQ75.5.029 Standard
kit cod. KQ75.5.027 On request

	ød	e	g	l	m	x	kit code
type B	25 h6	27.8	8	50	109.5	M8x20	KQ75.5.006 PAM80 K085.5.007 PAM90 K085.5.008 PAM100

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
Standard	8	60	30 ^{-0.005/-0.020}	65	127	255	134	199	33	M8x20
On request	8	60	28 ^{-0.005/-0.020}	65	127	255	134	199	31	M8x20