

Technical Data Sheet
Gearbox
HELLICAL BEVEL

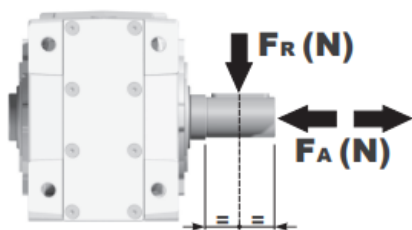


MODEL	X33S
Ø OUTPUT SHAFT	20 mm
APPROXIMATE RATIO	36
EXACT RATIO	36.17
OUTPUT SPEED	41 RPM
EXACT OUTPUT SPEED	40 RPM
INPUT POWER	0.12 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B14
OUTPUT TORQUE	27.83 N.m
NOMINAL TORQUE	100.00 N.m
NOMINAL POWER	0.43 KW
SERVICE FACTOR	3.58
DYNAMIC EFFICIENCY	0.94

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.7	0.65	0.4	0.65	0.95	0.65

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
250	400	2000
100	500	2500
50	560	2800
15	560	2800

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

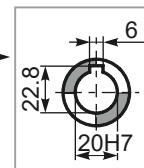
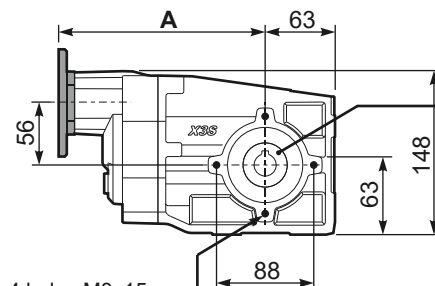
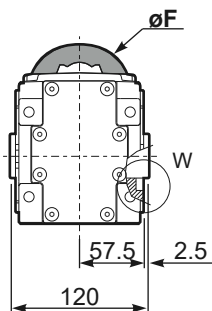
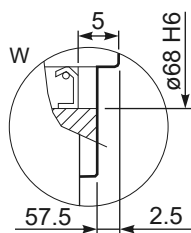
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PX33SC...

Basic Gearbox
Riduttore base

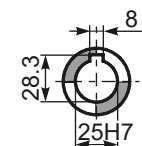
Gearbox weight peso riduttore	6.55 kg
---	----------------

M. flanges	Kit code	ϕF	A
63B5	K050.4.041	138	189.5
71B5	K050.4.042	160	187
56B14	KC40.4.049	80	187
63B14	K050.4.047	90	189.5
71B14	K050.4.045	105	187



Standard

Hollow shaft



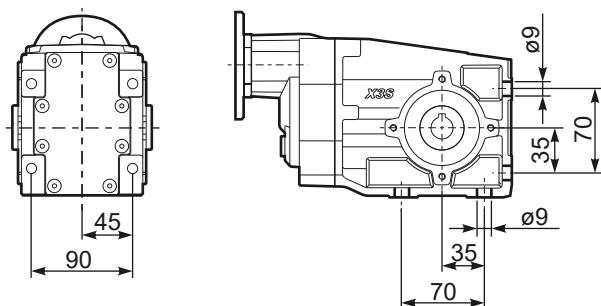
On request
A richiesta

4 holes M8x15

**Mounting holes
position**

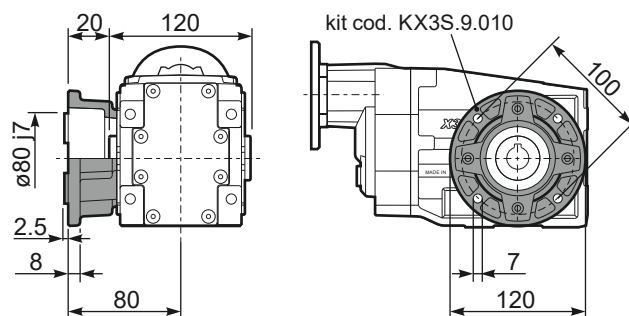
Posizione fori di montaggio

PX33S...FB..

Feet
Piedini

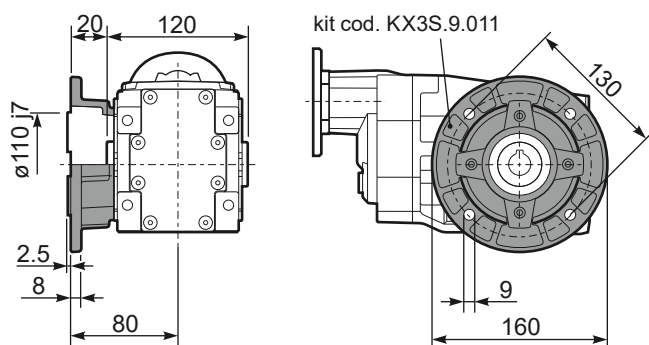
PX33S...**-F1**.. Output flange
Flangia uscita

Flangia uscita



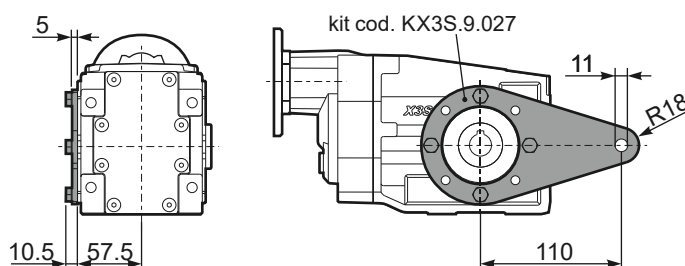
PX33S...**-F2..** Output flange
Flangia uscita

Flangia uscita

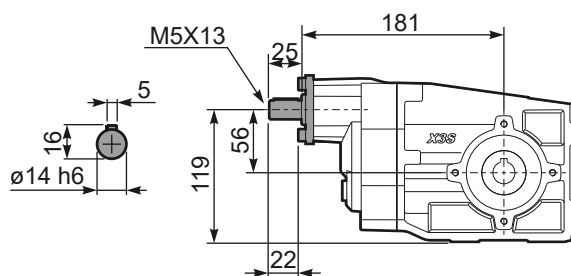


PX33S... BR ..	Reaction Arm Braccio di reazione
-----------------------	-------------------------------------

- Braccio di reazione

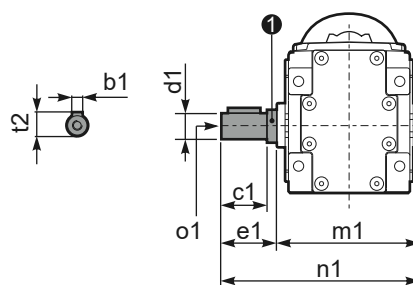
**RX33S...**

Input shaft
Albero in entrata



PX33S**A**.. Single output shaft
Albero semplice in uscita

Single output shaft
Albero semplice in uscita



d1	b1	c1	e1	m1	n1	t2	o1	① kit code
ø20 k6	6	37.5	40	120	160	22.5	M8x20	KX2S.5.028
ø25 ^{-0.005 -0.020}	8	60	63.2	126.8	190	28	M8x20	K063.5.028