

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X32S
Ø OUTPUT SHAFT	20 mm
APPROXIMATE RATIO	33
EXACT RATIO	32.97
OUTPUT SPEED	44 RPM
EXACT OUTPUT SPEED	44 RPM
INPUT POWER	0.25 KW
INPUT ROTATION	1400 RPM
INPUT PAM	71B14
OUTPUT TORQUE	53.97 N.m
NOMINAL TORQUE	90.00 N.m
NOMINAL POWER	0.42 KW
SERVICE FACTOR	1.68
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.4	0.6	0.4	0.6	0.85	0.6

Radial and Axial Loads



n_2 [min-1]	F_A [N]	F_R [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

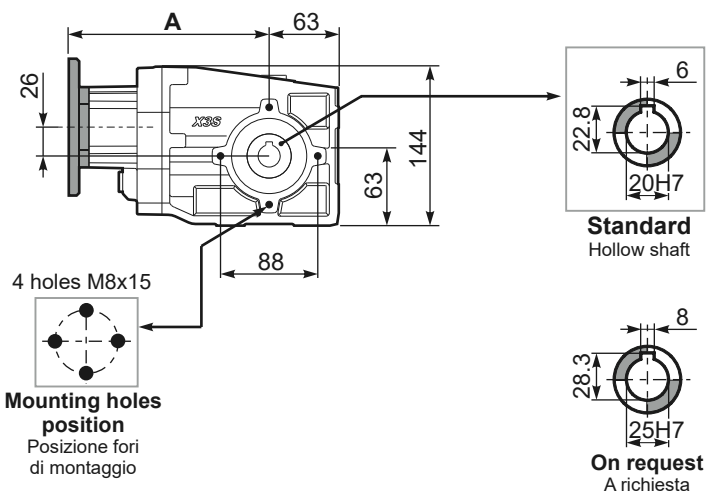
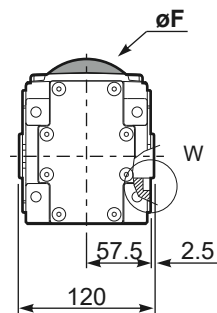
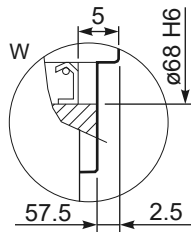
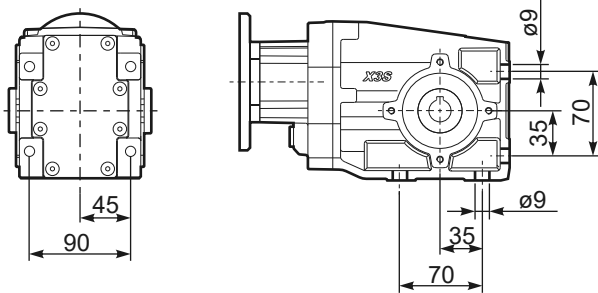
PX32SC...

Basic Gearbox

Riduttore base

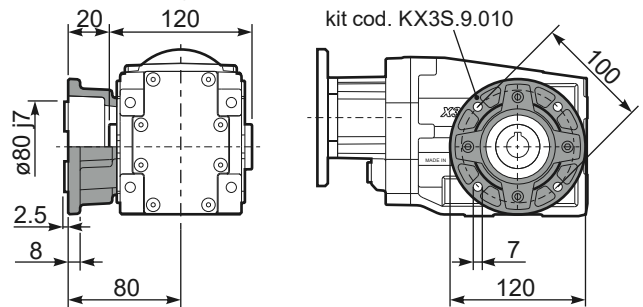
Gearbox weight peso riduttore	6.30 kg
---	----------------

M. flanges	Kit code	ØF	A
63B5	K063.4.041	140	184
71B5	K063.4.042	160	182
80/90B5	K063.4.043	200	184
71B14	K063.4.047	105	182
80B14	K063.4.046	120	184
90B14	K063.4.041	140	184

PX32S...**FB..**Feet
Piedini

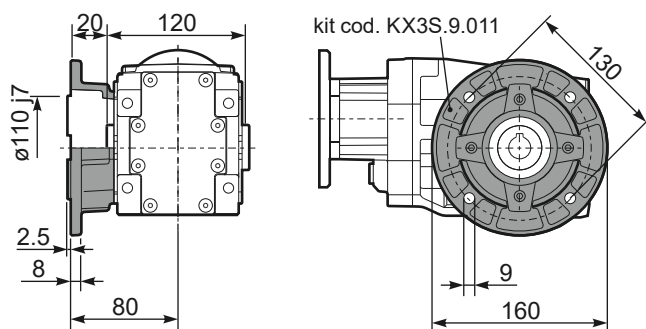
PX32S...**-F1**.. Output flange
Flangia uscita

- Flangia uscita



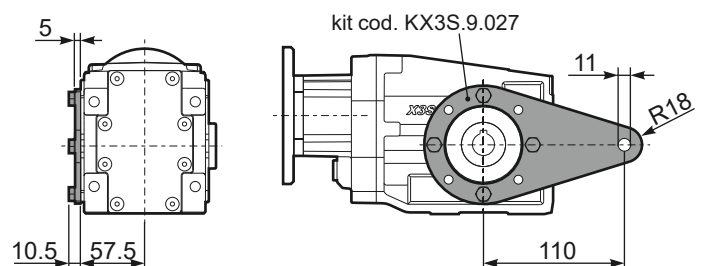
PX32S...-F2.. Output flange
Flangia uscita

Flangia uscita



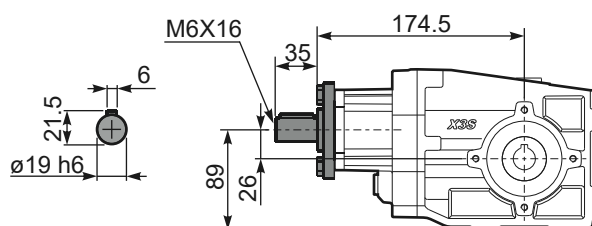
PX32S... BR ..	Reaction Arm Braccio di reazione
-----------------------	-------------------------------------

- Braccio di reazione



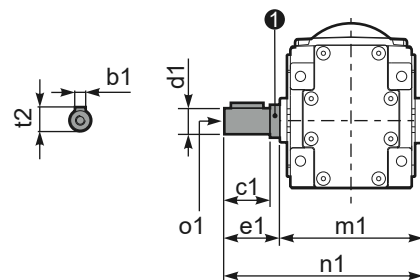
Rx32S...

Input shaft
Albero in entrata



PX32SA.. Single output shaft
Albero semplice in uscita

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