

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X32S
Ø OUTPUT SHAFT	20 mm
APPROXIMATE RATIO	11
EXACT RATIO	11.22
OUTPUT SPEED	133 RPM
EXACT OUTPUT SPEED	130 RPM
INPUT POWER	1.10 KW
INPUT ROTATION	1400 RPM
INPUT PAM	90B5
OUTPUT TORQUE	80.82 N.m
NOMINAL TORQUE	85.00 N.m
NOMINAL POWER	1.2 KW
SERVICE FACTOR	1.09
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

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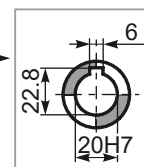
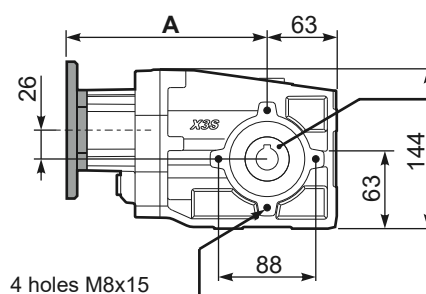
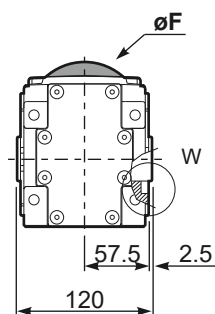
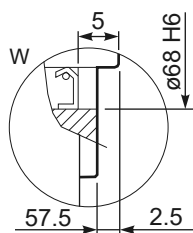
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PX32SC...

Basic Gearbox
Riduttore base

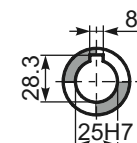
Gearbox weight peso riduttore	6.30 kg
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M. flanges	Kit code	ØF	A
63B5	K063.4.041	140	184
71B5	K063.4.042	160	182
80/90B5	K063.4.043	200	184
71B14	K063.4.047	105	182
80B14	K063.4.046	120	184
90B14	K063.4.041	140	184



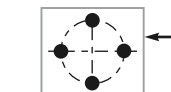
Standard

Hollow shaft

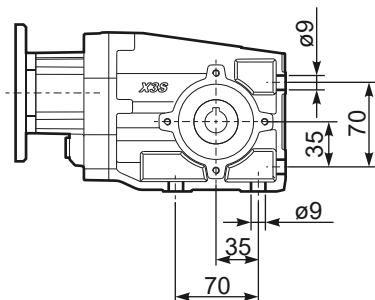
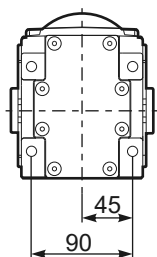


 On request
A richiesta

4 holes M8x15

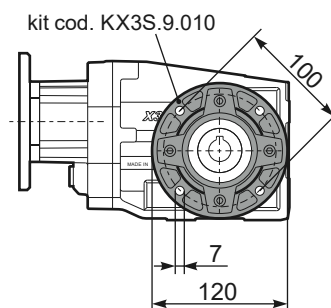
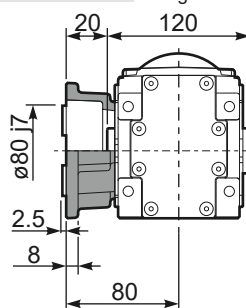


**Mounting holes
position**
Posizione fori
di montaggio

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

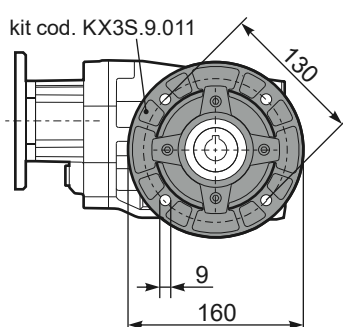
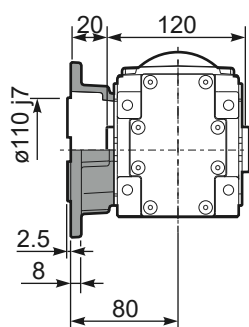
PX32S...-F1..	Output flange Flangia uscita
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- Flangia uscita



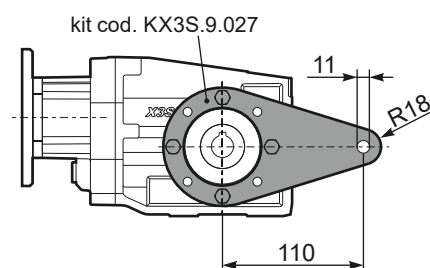
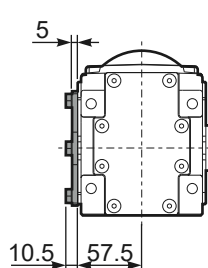
PX32S...**-F2..** Output flange
Flangia uscita

Flangia uscita



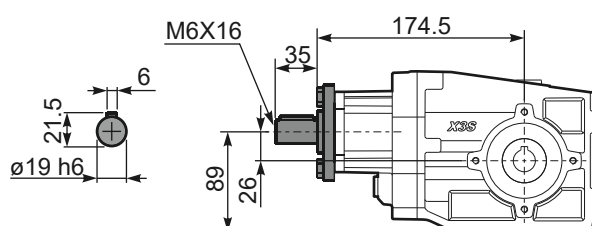
PX32S...**BR**.. Reaction Arm
Braccio di reazione

- Braccio di reazione



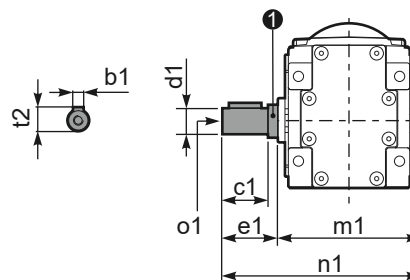
Rx32S...

Input shaft
Albero in entrata



PX32SA.. Single output shaft
Albero semplice in uscita

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