

MODEL	UMSG63	
Ø OUTPUT SHAFT	25	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	166.57	N.m
NOMINAL TORQUE	166.57	N.m
NOMINAL POWER	1.1	KW
SERVICE FACTOR	1.00	
DYNAMIC EFFICIENCY	0.74	



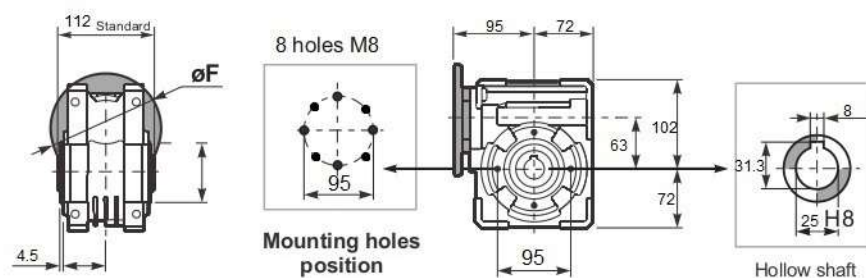
Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.3	0.3	0.3	0.3	0.3	0.3

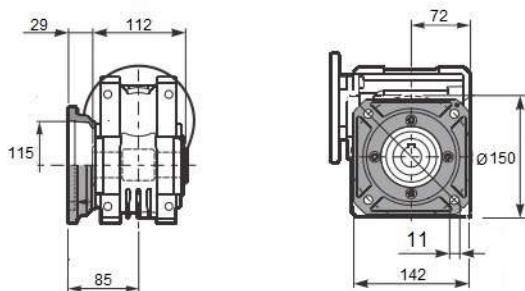
Radial and Axial Loads



n ₂ [min-1]	FA [N]	FR [N]
200	360	1800
100	460	2300
50	600	3000
15	800	4000



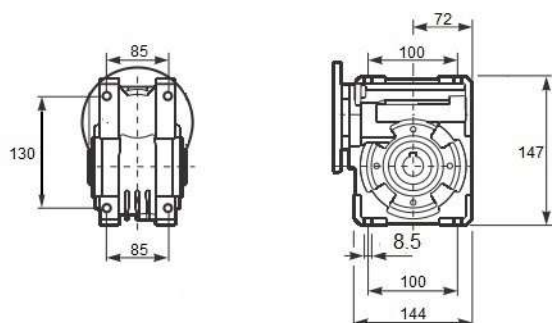
Square flange FA



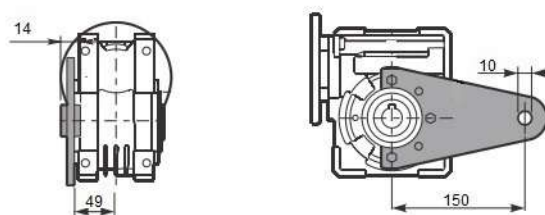
Square flange FB



Feet



Reaction arm



Single Shaft



b1	c1	d1	e1	m1	n1	t2	o1
8	50	25	53.5	112	173	28	M10

1400 rpm	N2	Relação	P1	FS	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada		
	rpm	i	kW		kW	Nm	%	N	Entrada	Saída	71	80	90
	187	7,5	2,2	1,3	2,8	126	0,88	2359	24	25	B14/B5	B14/B5	
	140	10	2,2	1,0	2,2	129	0,87	2597			B14/B5	B14/B5	
	93	15	1,5	1,1	1,65	134	0,83	2973			B14/B5	B14/B5	
	70	20	1,1	1,1	1,2	131	0,81	3272			B14/B5	B14/B5	
	56	25	1,1	0,9	1	131	0,78	3524			B14/B5	B14/B5	
	47	30	1,1	1,0	1,1	164	0,74	3745			B14/B5	B14/B5	
	35	40	0,75	1,0	0,76	143	0,7	4122	19	14	B14/B5	B14/B5	B14/B5
	28	50	0,55	1,1	0,6	133	0,66	4440			B14/B5	B14/B5	
	23	60	0,55	0,9	0,51	130	0,62	4719			B14/B5	B14/B5	
	18	80	0,37	1,1	0,39	119	0,57	5193			B14/B5	B14/B5	
UMSG63	14	100	0,37	0,9	0,34	118	0,51	5592			B14/B5		