

MODEL	UMSG40	
Ø OUTPUT SHAFT	18	mm
APPROXIMATE RATIO	15	
EXACT RATIO	15.00	
OUTPUT SPEED	97	RPM
EXACT OUTPUT SPEED	97	RPM
INPUT POWER	0.25	KW
INPUT ROTATION	1400	RPM
INPUT PAM	71B5	
OUTPUT TORQUE	20.97	N.m
NOMINAL TORQUE	40.27	N.m
NOMINAL POWER	0.48	KW
SERVICE FACTOR	1.92	
DYNAMIC EFFICIENCY	0.82	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.1	0.1	0.1	0.1	0.1	0.1

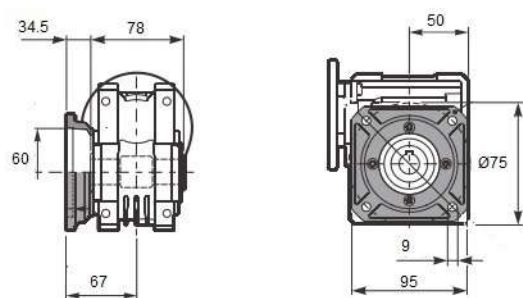
Radial and Axial Loads



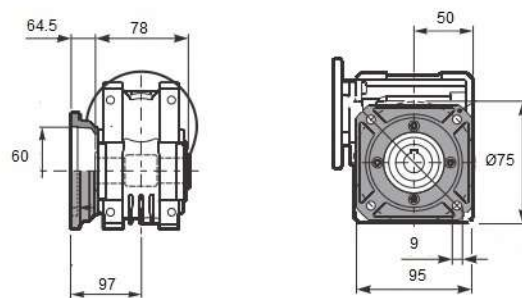
n ₂ [min-1]	FA [N]	FR [N]
200	180	900
100	220	1100
50	260	1400
15	400	2000



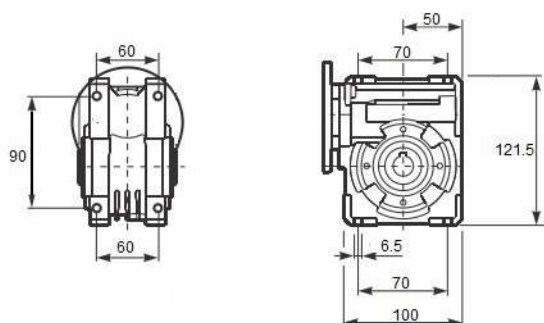
Square flange FA



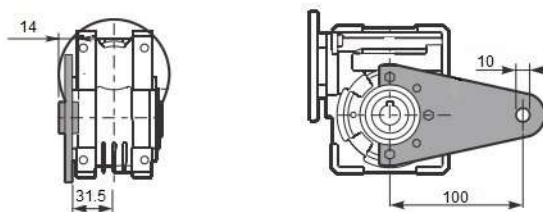
Square flange FB



Feet



Reaction arm



Single Shaft



b1	c1	d1	e1	m1	n1	t2	o1
6	40	18	43	78	128	20.5	M6

1400 rpm	N2	Relação	P1	F5	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada			
	rpm	i	kW		kW	Nm	%	N	Entrada	Saída	56	63	71	
UMSG40	187	7,5	0,55	1,6	0,9	40	0,87	1315	14	18		B14/B5	B14/B5	
	140	10	0,55	1,3	0,69	40	0,85	1447				B14/B5	B14/B5	
	93	15	0,55	0,9	0,48	39	0,82	1657				B14/B5	B14/B5	
	70	20	0,37	1,0	0,37	39	0,78	1824				B14/B5	B14/B5	
	56	25	0,25	1,2	0,3	38	0,75	1964				B14/B5	B14/B5	
	47	30	0,25	1,2	0,31	44	0,7	2087				B14/B5	B14/B5	
	35	40	0,25	0,9	0,23	41	0,65	2298				B14/B5	B14/B5	
	28	50	0,18	1,0	0,18	37	0,62	2475				B14/B5	B14/B5	
	23	60	0,12	1,3	0,15	35	0,58	2630	11			B14/B5	B14/B5	
	18	80	0,12	1,0	0,12	33	0,52	2895				B14/B5	B14/B5	
	14	100	0,09	1,0	0,09	29	0,47	3118				B14/B5	B14/B5	
												B14/B5	B14/B5	