

MODEL	UMSG40	
Ø OUTPUT SHAFT	18	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	0.12	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B14	
OUTPUT TORQUE	17.19	N.m
NOMINAL TORQUE	44.40	N.m
NOMINAL POWER	0.31	KW
SERVICE FACTOR	2.58	
DYNAMIC EFFICIENCY	0.70	



#### 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

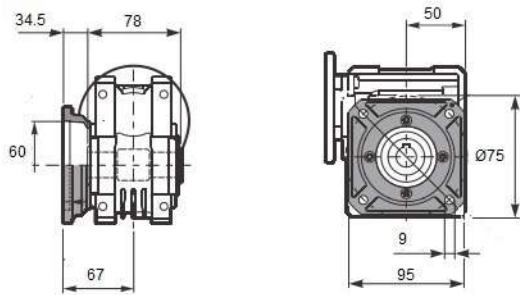
#### Radial and Axial Loads



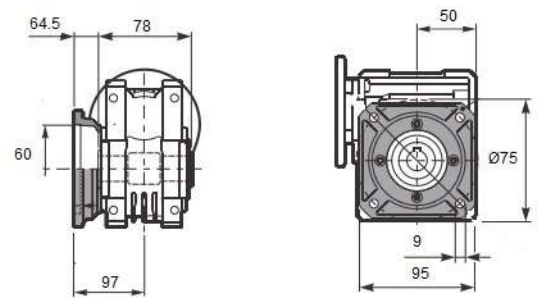
$n_2$ [min <sup>-1</sup> ]	FA [N]	FR [N]
200	180	900
100	220	1100
50	260	1400
15	400	2000



### 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 rpm	Relação i	P1 kW	FS	P1n kW	M2 Nm	Rend. %	Fr max N	Veio		Flanges de entrada		
									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			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	