

MODEL	UMSG40	
Ø OUTPUT SHAFT	18	mm
APPROXIMATE RATIO	50	
EXACT RATIO	50.00	
OUTPUT SPEED	29	RPM
EXACT OUTPUT SPEED	29	RPM
INPUT POWER	0.18	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B5	
OUTPUT TORQUE	38.06	N.m
NOMINAL TORQUE	38.06	N.m
NOMINAL POWER	0.18	KW
SERVICE FACTOR	1.00	
DYNAMIC EFFICIENCY	0.62	



#### 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

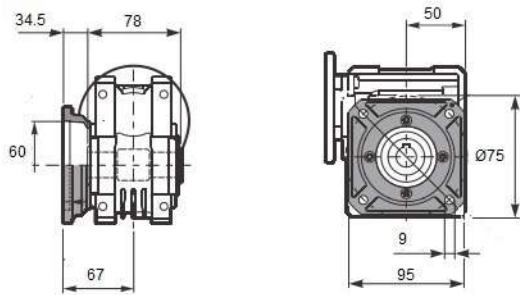
#### Radial and Axial Loads



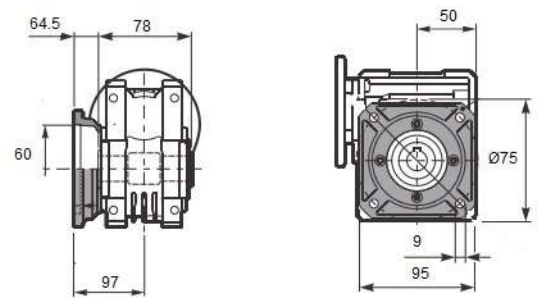
$n_2$ [min <sup>-1</sup> ]	FA [N]	FR [N]
200	180	900
100	220	1100
50	260	1400
15	400	2000



### Square flange FA



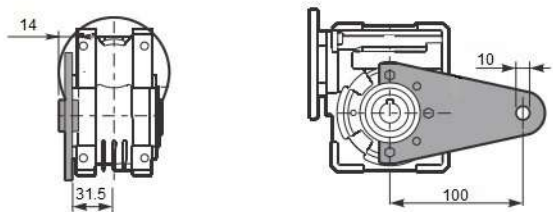
### Square flange FB



### 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			11		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	