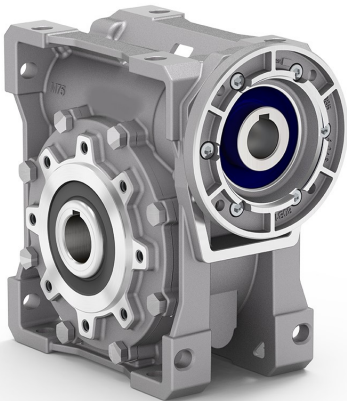


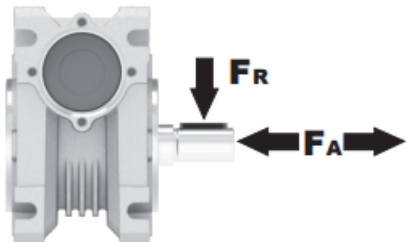
MODEL	UMSG110	
Ø OUTPUT SHAFT	42	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	1.50	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B14	
OUTPUT TORQUE	242.48	N.m
NOMINAL TORQUE	727.45	N.m
NOMINAL POWER	4.5	KW
SERVICE FACTOR	3.00	
DYNAMIC EFFICIENCY	0.79	



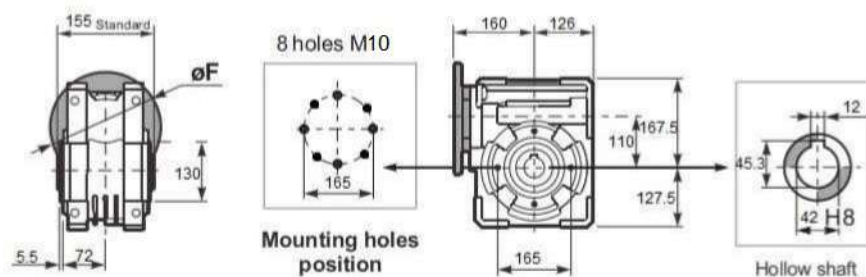
Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
3	2.5	2.5	2.2	3	2.2

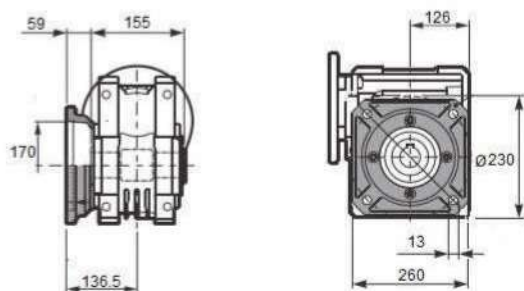
Radial and Axial Loads



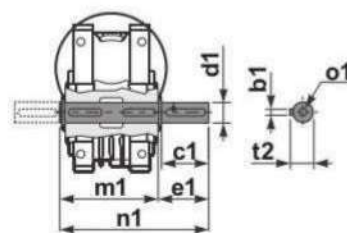
n ₂ [min-1]	FA [N]	FR [N]
200	600	2900
100	750	3600
50	920	4600
15	1400	7000



Square flange FA

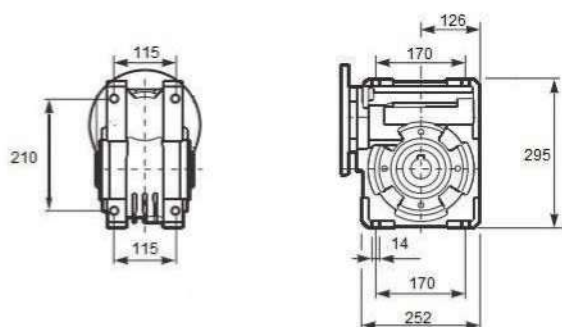


Single Shaft

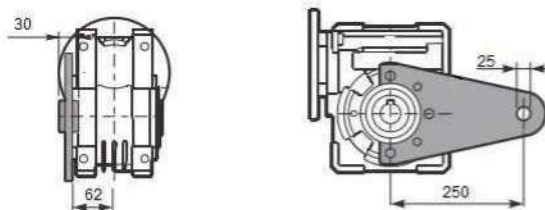


b1	c1	d1	e1	m1	n1	t2	o1
12	80	42	84.5	155	249	45	M16

Feet



Reaction arm



1400 rpm	N2	Relação	P1	F5	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada			
	rpm	i	kW		kW	Nm	%	N	Entrada	Saída	80	90	100/112	132
UMSG110	187	7,5	7,5	1,6	12	546	0,9	3893	38	42			B14/B5	B14/B5
	140	10	7,5	1,3	9,8	588	0,89	4285					B14/B5	B14/B5
	93	15	7,5	1,0	7,5	660	0,86	4905					B14/B5	B14/B5
	70	20	5,5	1,0	5,6	649	0,85	5399					B14/B5	B14/B5
	56	25	5,5	1,0	5,7	665	0,84	5816					B14/B5	B14/B5
	47	30	4,0	1,1	4,5	727	0,79	6181	28				B14/B5	B14/B5
	35	40	3,0	1,1	3,3	693	0,78	6803					B14/B5	B14/B5
	28	50	2,2	1,2	2,6	656	0,75	7325					B14/B5	B14/B5
	23	60	1,5	1,4	2,1	620	0,72	7787					B14/B5	B14/B5
	18	80	1,5	0,9	1,4	512	0,67	8571			24			B5
	14	100	1,1	1,0	1,1	473	0,63	9232					B5	B14/B5