

MODEL	UMSG90	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	15	
EXACT RATIO	15.00	
OUTPUT SPEED	97	RPM
EXACT OUTPUT SPEED	97	RPM
INPUT POWER	2.20	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B14	
OUTPUT TORQUE	193.58	N.m
NOMINAL TORQUE	360.76	N.m
NOMINAL POWER	4.1	KW
SERVICE FACTOR	1.86	
DYNAMIC EFFICIENCY	0.86	



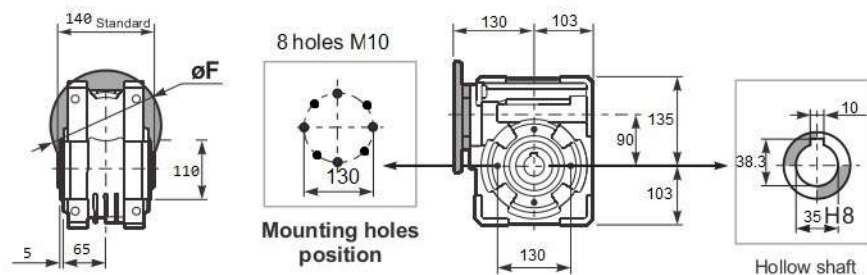
Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1	1	1	1	1	1

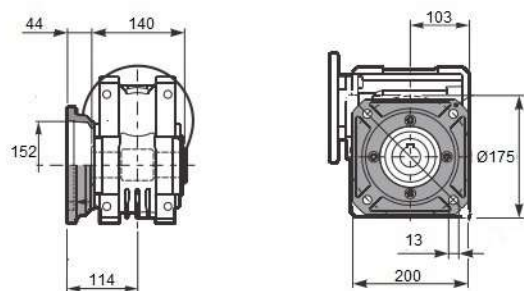
Radial and Axial Loads



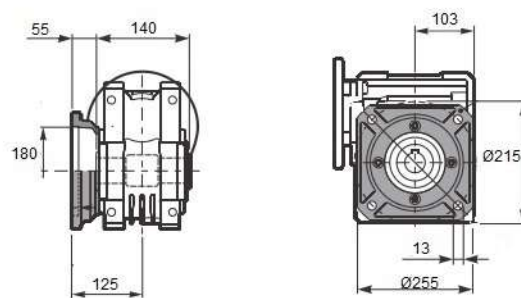
n ₂ [min-1]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800



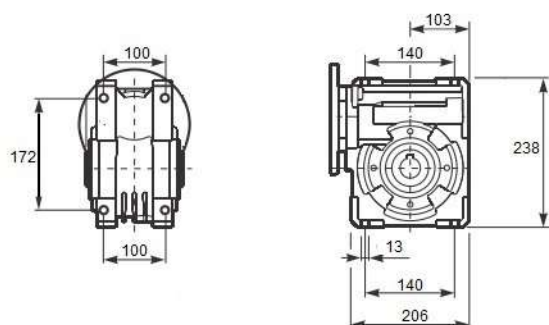
Square flange FA



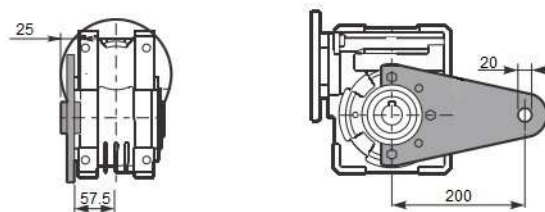
Round flange FB



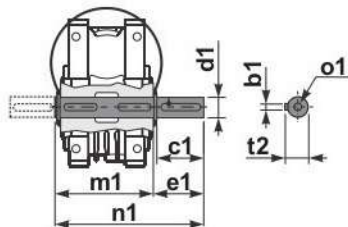
Feet



Reaction arm



Single Shaft



b1	c1	d1	e1	m1	n1	t2	o1
10	80	35	84.5	140	234	38	M12

1400 rpm	N2	Relação	P1	FS	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada		
	rpm	i	kW		kW	Nm	%	N	Entrada	Saída	80	90	100/112
	187	7,5	5,5	1,1	6,3	287	0,9	3081	28	35		B14/B5	B14/B5
	140	10	5,5	0,9	5,1	306	0,89	3391				B14/B5	B14/B5
	93	15	4	1,0	4,1	357	0,86	3882				B14/B5	B14/B5
	70	20	3	1,0	3,1	351	0,84	4273				B14/B5	B14/B5
	56	25	2,2	1,1	2,4	332	0,82	4603				B14/B5	B14/B5
	47	30	2,2	1,2	2,6	415	0,78	4891				B14/B5	B14/B5
	35	40	1,5	1,2	1,8	363	0,75	5383	24	35		B14/B5	B14/B5
	28	50	1,1	1,3	1,4	339	0,72	5799				B14/B5	B14/B5
	23	60	1,1	1,0	1,1	307	0,69	6163				B14/B5	B14/B5
	18	80	0,75	1,1	0,83	285	0,63	6783				B14/B5	B14/B5
	14	100	0,55	1,2	0,67	270	0,59	7306				B14/B5	B14/B5