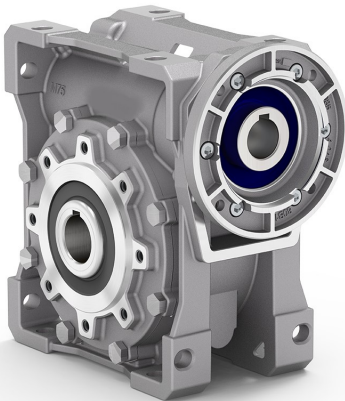


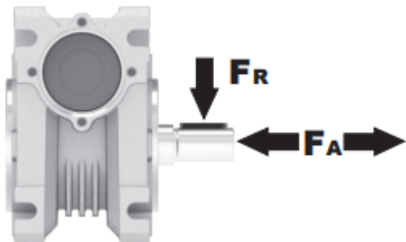
MODEL	UMSG90	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.00	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	49	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	175.57	N.m
NOMINAL TORQUE	414.99	N.m
NOMINAL POWER	2.6	KW
SERVICE FACTOR	2.36	
DYNAMIC EFFICIENCY	0.78	



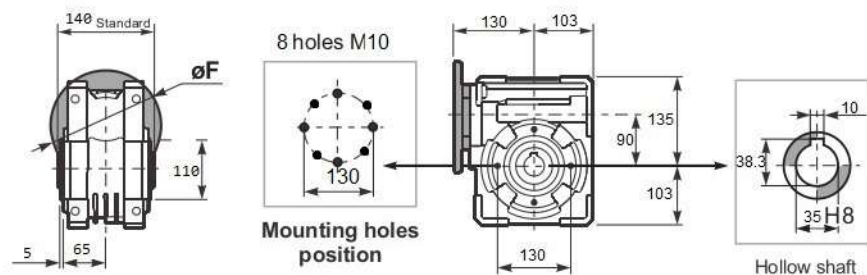
Oil Quantity (L)

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

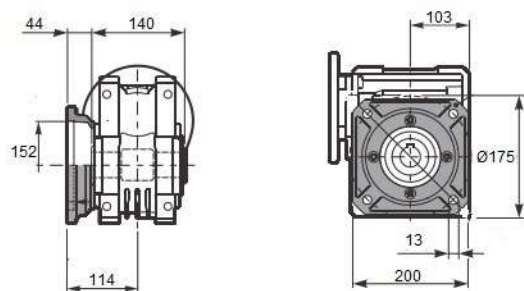
Radial and Axial Loads



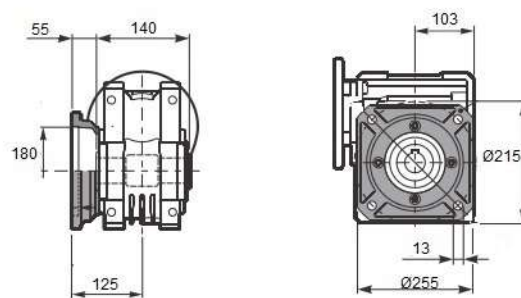
n ₂ [min-1]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800



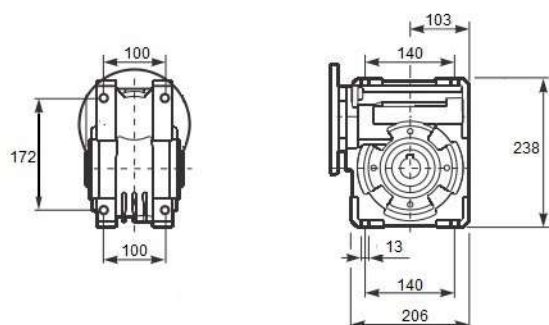
Square flange FA



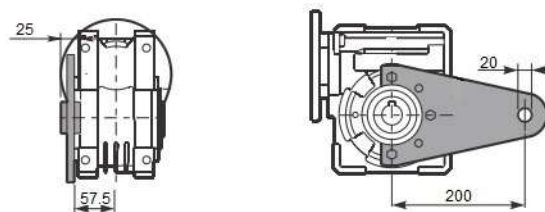
Round flange FB



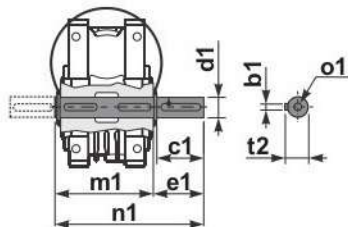
Feet



Reaction arm



Single Shaft



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

UMSG90	1400 rpm	N2	Relação	P1	F5	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada		
	rpm	i	kW		kW	Nm	%	N	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	19		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