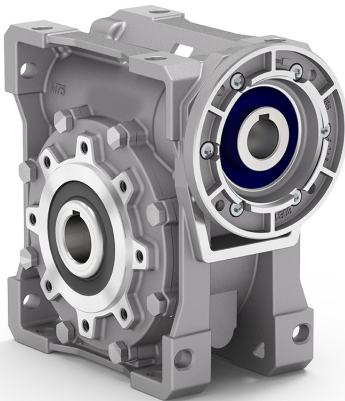


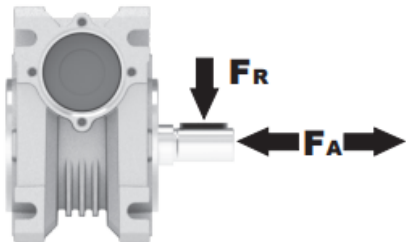
MODEL	UMSG90	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	80	
EXACT RATIO	80.00	
OUTPUT SPEED	18	RPM
EXACT OUTPUT SPEED	18	RPM
INPUT POWER	0.75	KW
INPUT ROTATION	1400	RPM
INPUT PAM	80B5	
OUTPUT TORQUE	257.83	N.m
NOMINAL TORQUE	285.33	N.m
NOMINAL POWER	0.83	KW
SERVICE FACTOR	1.11	
DYNAMIC EFFICIENCY	0.63	



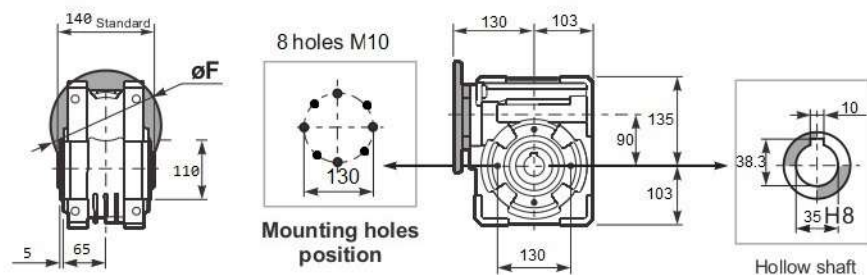
Oil Quantity (L)

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

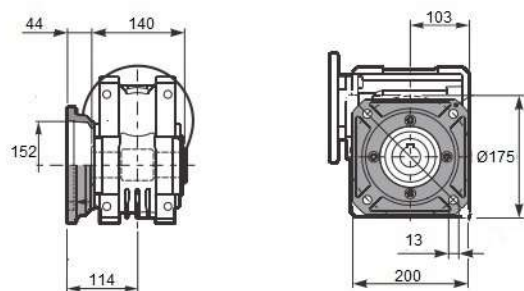
Radial and Axial Loads



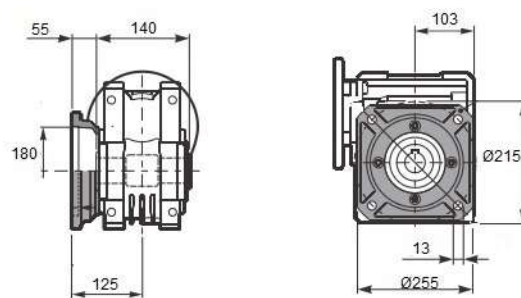
n ₂ [min-1]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800



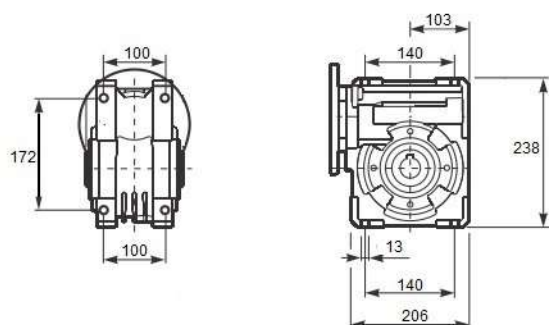
Square flange FA



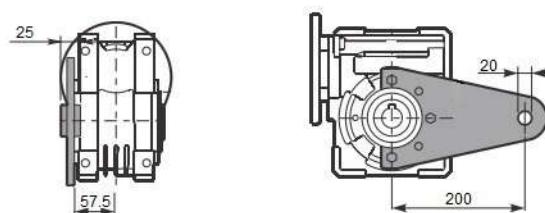
Round flange FB



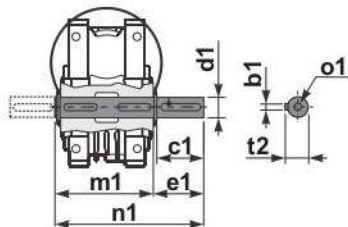
Feet



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			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			19			B14/B5	B14/B5