

MODEL	UMSG75	
Ø OUTPUT SHAFT	28	mm
APPROXIMATE RATIO	50	
EXACT RATIO	50.00	
OUTPUT SPEED	29	RPM
EXACT OUTPUT SPEED	29	RPM
INPUT POWER	0.75	KW
INPUT ROTATION	1400	RPM
INPUT PAM	80B14	
OUTPUT TORQUE	176.49	N.m
NOMINAL TORQUE	209.44	N.m
NOMINAL POWER	0.89	KW
SERVICE FACTOR	1.19	
DYNAMIC EFFICIENCY	0.69	



Oil Quantity (L)

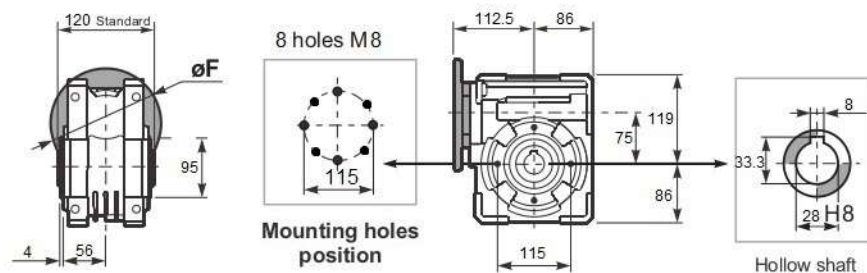
B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.5	0.5	0.5	0.5	0.5	0.5

Radial and Axial Loads

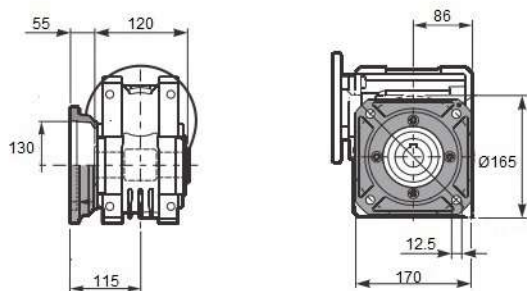


n ₂ [min-1]	FA [N]	FR [N]
200	460	2300
100	560	2800
50	720	3600
15	1000	5000

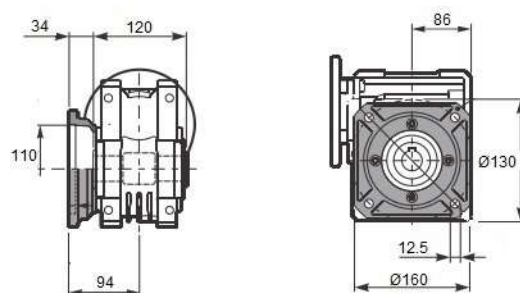
Basic wormbox



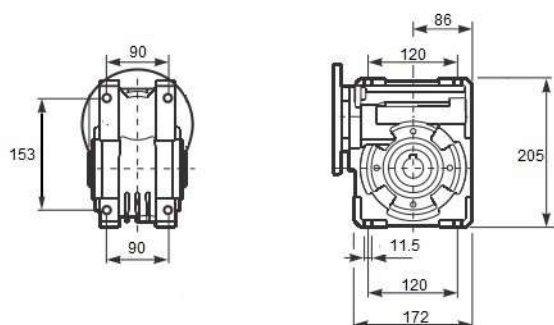
Square flange FA



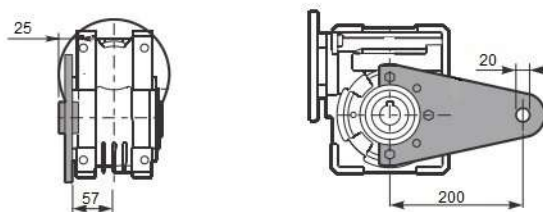
Round flange FB



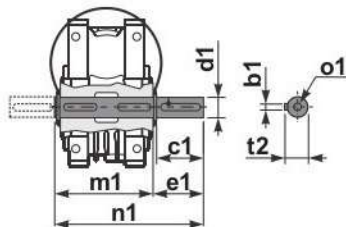
Feet



Reaction arm



Single Shaft



b1	c1	d1	e1	m1	n1	t2	o1
8	60	28	63.5	120	192	31	M10

1400 rpm	N2	Relação	P1	FS	P1n	M2	Rend.	Fr max	Veio		Flanges de entrada			
	rpm	i	kW		kW	Nm	%	N	Entrada	Saída	71	80	90	100/112
UMSG75	187	7,5	4	1,0	4,1	185	0,89	2785	28				B14/B5	B14/B5
	140	10	3	1,1	3,2	190	0,88	3065					B14/B5	B14/B5
	93	15	2,2	1,0	2,3	198	0,85	3509					B14/B5	B14/B5
	70	20	1,5	1,3	1,9	210	0,82	3862	24	28		B14/B5	B14/B5	
	56	25	1,5	1,0	1,5	202	0,8	4160				B14/B5	B14/B5	
	47	30	1,5	1,0	1,5	233	0,76	4421				B14/B5	B14/B5	
	35	40	1,1	1,0	1,1	216	0,72	4865				B14/B5	B14/B5	
	28	50	0,75	1,2	0,89	206	0,69	5241				B5	B14/B5	
	23	60	0,75	1,0	0,75	197	0,65	5569	19		B5	B14/B5		
	18	80	0,55	1,1	0,58	198	0,6	6130			B5	B14/B5		
	14	100	0,37	1,3	0,48	180	0,55	6603		14	B5	B14/B5		