

BME2 Series hydraulic orbit motor



BME2- Replace with Packer TE SERIES

Parameters

Type		BME2 -65	BME2 -80	BME2 -100	BME2 -125	BME2 -160	BME2 -200	BME2 -230	BME2 -250	BME2 -295	BME2 -315	BME2 -375
Displacement		66.8	81.3	102	127	157.2	193.6	226	257	287.8	314.5	370
Max. speed (rpm)	cont.	667	543	439	350	283	229	247	216	196	178	152
	int.	842	689	553	441	355	289	328	287	254	235	199
Max. torque (N·m)	cont.	110	136	165	214	265	312	318	329	348	364	372
	int.	126	157	191	245	307	382	378	381	393	448	439
	peak	176	215	268	335	422	520	528	543	547	587	613
Max. output (kW)	cont.	8.3	8.8	7.9	8.9	8.9	9	9.9	9.3	8.7	8	7.6
	int.	13.9	14.4	13.5	14.1	15.6	15.7	17.9	16.5	15.6	14.3	14
Max. pressure drop (MPa)	cont.	14	14	14	14	14	14	12	11	10	10	9
	int.	19	19	19	19	19	19	16.5	15.5	14.5	13.5	12.5
	peak	20	20	20	20	20	20	18	18	17	16	16
Max. flow (L/min)	cont.	45	45	45	45	45	57	57	57	57	57	57
	int.	57	57	57	57	57	75	75	75	75	75	75

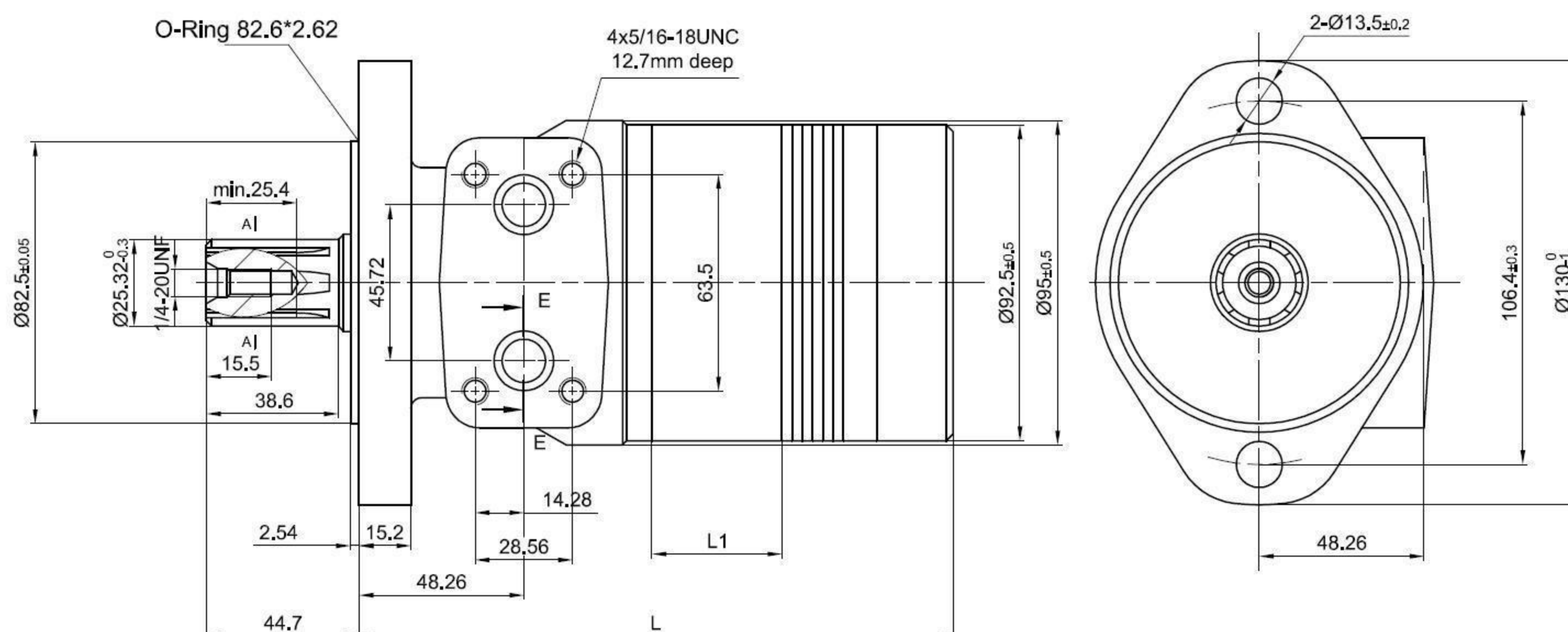
Selection

1	2	3	4	6	7
Series	Displacement	Flange&Ports	Output shaft	Rotation direction	Paint
BME2	80	Code WM: 4-Ø13.5 Wheel-flange, pilot Ø 60.3×7 port M22×1.5	Code S: Ø25.4, Splined tooth SAE 6B Code H: Ø25.4, Cylindrical shaft, Pin hole Ø9.7 Code K: Ø25.4 Woodruff key Ø25.4×6.35 Code A: Ø25 Parallel key 7.95×7.95×31.75 Code T: Ø 25.4 Cone shaft, Woodruff key Ø25.4×6.35	Omit: Standard Code R: Opposite	Omit: Blue Code 00: No paint, Code B: Black Code S: Silver Grey
	100	Code WD: 4-Ø13.5 Wheel-flange, pilot Ø 60.3×7 port G1/2			
	125	Code WS: 4-Ø13.5 Wheel-flange, pilot Ø 60.3×7 port 7/8-14 O-ring			
	160	Code HM: 2-Ø13.5 Rhomb-flange, pilot Ø 82.5×2.54 port 1/2 inch Manifold mount 4×			
	200	Code HS: 2-Ø13.5 Rhomb-flange, pilot Ø 82.5×2.54 port 7/8-14 O-ring			
	230	Code HP: 2-Ø13.5 Rhomb-flange, pilot Ø 82.5×2.54 port 1/2-14 NPFT Pipe			
	230	Code HD: 2-Ø13.5 Rhomb-flange, pilot Ø 82.5×2.54 port G1/2			
	250	Code HG: 2-Ø13.5 Rhomb-flange, pilot Ø 82.5×2.54 port M22×1.5			
	295	Code H4S: 4-3/8-16Square-flange, pilot Ø 44.4×2.54 port 7/8-14 O-ring			
	315	Code H4P: 4-3/8-16Square-flange, pilot Ø 44.4×2.54 port 1/2-14 NPFT Pipe			
	375	Code H4D: 4-3/8-16Square-flange, pilot Ø 44.4×2.54 port G1/2			

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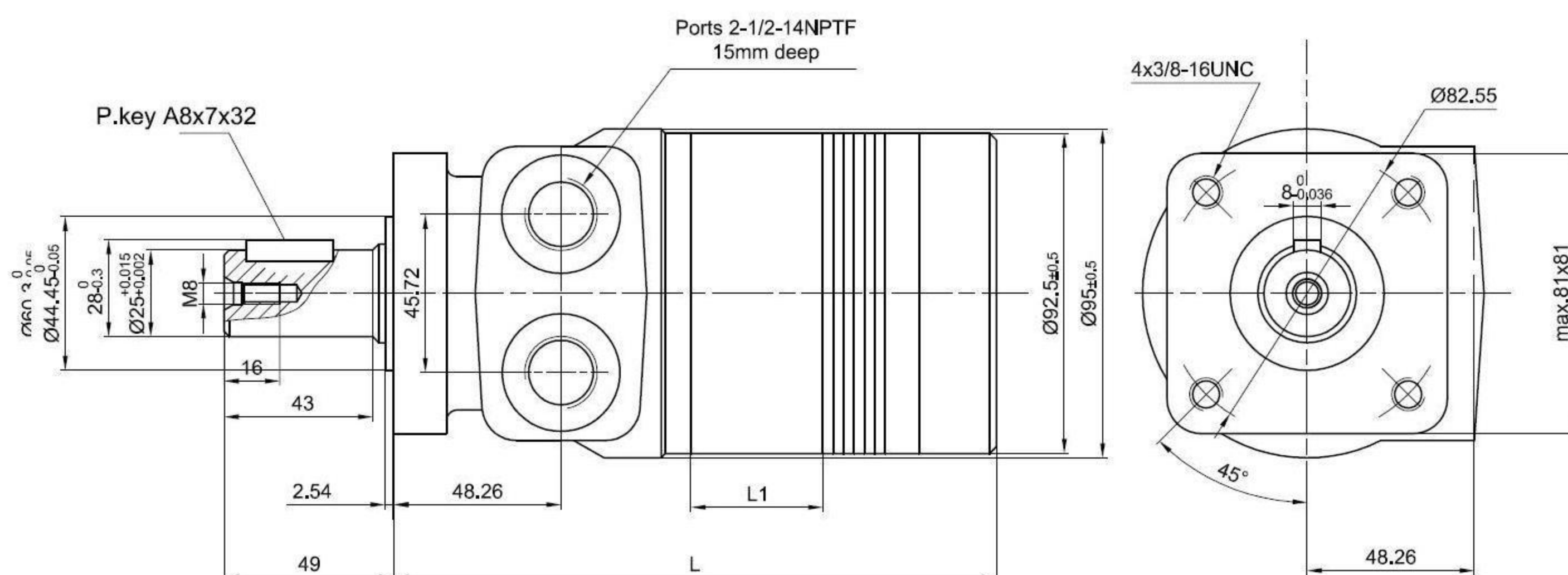
Popular model drawing

BME2-x-HMS**



HPM Model	Packer Model	L mm	L1 mm	HPM Model	Packer Model	L mm	L1 mm
BME2-65-HMS**	TE0065AM11**	149	13	BME2-230-HMS**	TE00230AM11**	180	44
BME2-80-HMS**	TE0080AM11**	152	16	BME2-250-HMS**	TE00260AM11**	186	50
BME2-100-HMS**	TE00100AM11**	156	20	BME2-295-HMS**	TE00295AM11**	192	56
BME2-125-HMS**	TE00130AM11**	161	25	BME2-315-HMS**	TE00330AM11**	198	62
BME2-160-HMS**	TE00165AM11**	167	30.5	BME2-375-HMS**	TE00365AM11**	210	74
BME2-200-HMS**	TE00195AM11**	174	38.1				

BME2-x-H4PA**

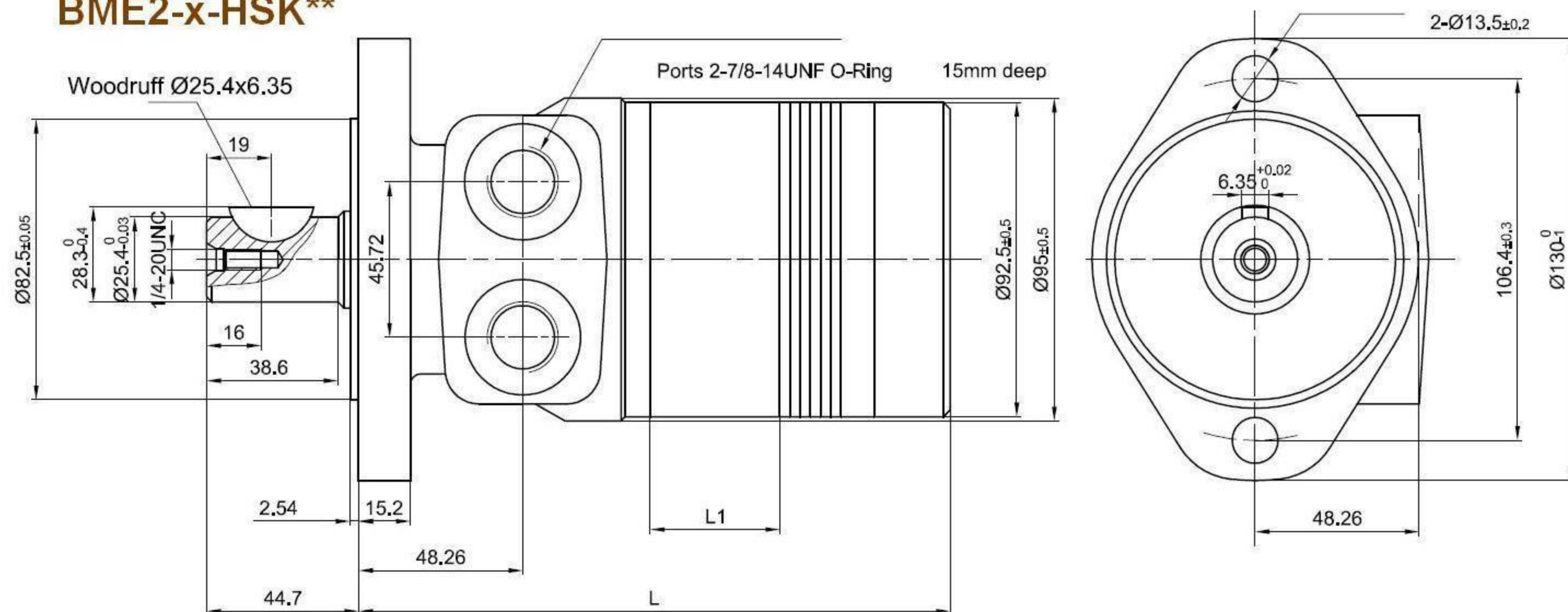


HPM Model	Packer Model	L mm	L1 mm	HPM Model	Packer Model	L mm	L1 mm
BME2-65-H4PA**	TE0065FP26**	149	13	BME2-230-H4PA**	TE00230FP26**	180	44
BME2-80-H4PA**	TE0080FP26**	152	16	BME2-250-H4PA**	TE00260FP26**	186	50
BME2-100-H4PA**	TE00100FP26**	156	20	BME2-295-H4PA**	TE00295FP26**	192	56
BME2-125-H4PA**	TE00130FP26**	161	25	BME2-315-H4PA**	TE00330FP26**	198	62
BME2-160-H4PA**	TE00165FP26**	167	30.5	BME2-375-H4PA**	TE00365FP26**	210	74
BME2-200-H4PA**	TE00195FP26**	174	38.1				

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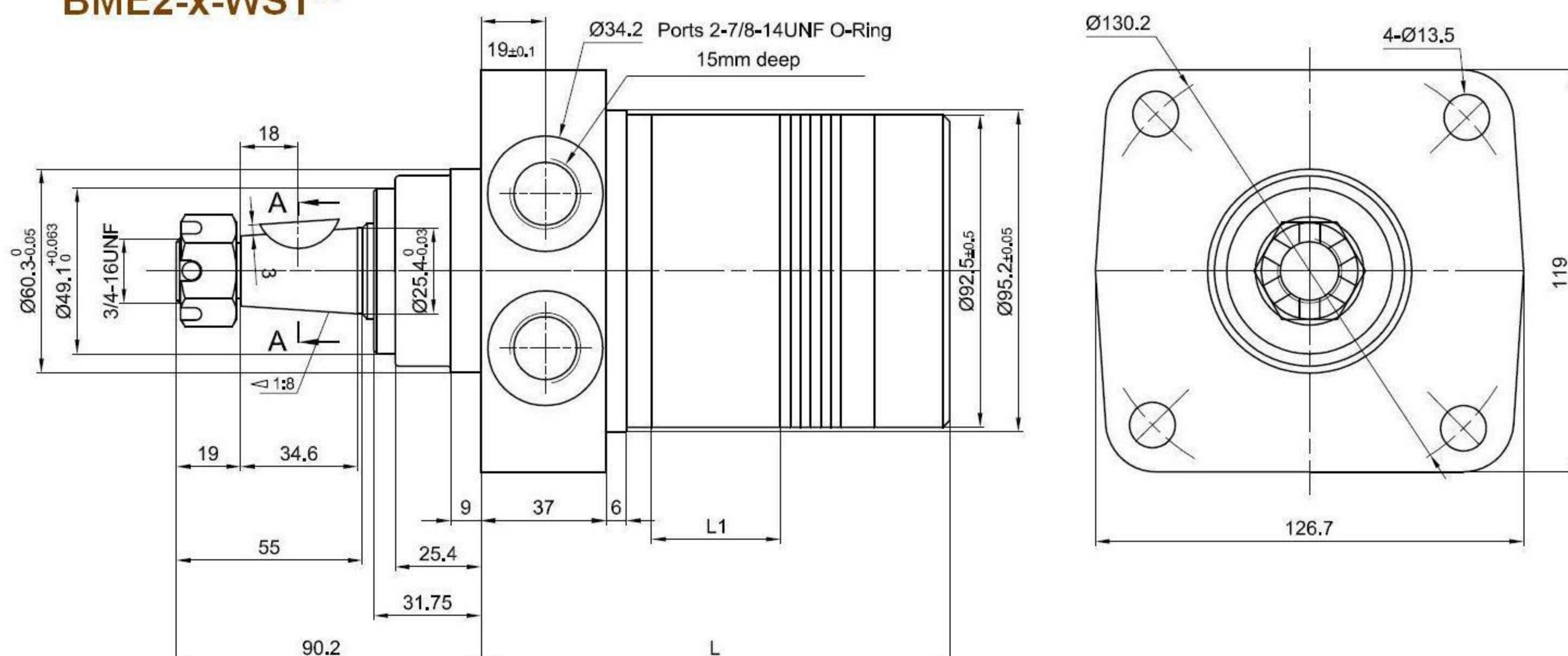
Popular model drawing

BME2-x-HSK**



HPM Model	Packer Model	L mm	L1 mm	HPM Model	Packer Model	L mm	L1 mm
BME2-65-HSK**	TE0065AS10**	149	13	BME2-230-HSK**	TE00230AS10**	180	44
BME2-80-HSK**	TE0080AS10**	152	16	BME2-250-HSK**	TE00260AS10**	186	50
BME2-100-HSK**	TE00100AS10**	156	20	BME2-295-HSK**	TE00295AS10**	192	56
BME2-125-HSK**	TE00130AS10**	161	25	BME2-315-HSK**	TE00330AS10**	198	62
BME2-160-HSK**	TE00165AS10**	167	30.5	BME2-375-HSK**	TE00365AS10**	210	74
BME2-200-HSK**	TE00195AS10**	174	38.1				

BME2-x-WST**



HPM Model	Packer Model	L mm	L1 mm	HPM Model	Packer Model	L mm	L1 mm
BME2-65-WST**	TE0065US25**	149	13	BME2-230-WST**	TE00230US25**	180	44
BME2-80-WST**	TE0080US25**	152	16	BME2-250-WST**	TE00260US25**	186	50
BME2-100-WST**	TE00100US25**	156	20	BME2-295-WST**	TE00295US25**	192	56
BME2-125-WST**	TE00130US25**	161	25	BME2-315-WST**	TE00330US25**	198	62
BME2-160-WST**	TE00165US25**	167	30.5	BME2-375-WST**	TE00365US25**	210	74
BME2-200-WST**	TE00195US25**	174	38.1				