

VANE MOTORS LZB77

2.35 – 2.80 kW
3.15 – 3.75 hp

EX certification valid for fixture mounted use only with a maximum surrounding temperature of +40°C (104°F).

For optional vanes and accessories see chapter Accessories.



Data at air pressure 6.3 bar (91 psi)

Model	Max output		Speed at max output	Torque at max output		Min starting torque		Stall torque		Free speed	Air consumption at max output		Weight		Shaft lo- ading code ¹⁾	ATEX code	Ordering No.
	kW	hp	r/min	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	r/min	l/s	cfm	kg	lb			
Lubricated																	
Clockwise rotation (Keyed shaft)																	
LZB77-A027-15	2.80	3.75	1220	22	16	35	26	44	32	2600	52	110	8.4	18.5	h	Ex II 2GD c T4 IIC T110°C	8411 0700 25
LZB77-A008-15	2.77	3.71	350	75	55	121	89	150	111	750	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0700 70
LZB77-A007-15	2.77	3.71	310	85	63	137	101	170	125	660	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0700 17
LZB77-A005-15	2.77	3.71	210	123	91	199	147	246	181	460	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0700 88
LZB77-A004-15	2.77	3.71	160	166	122	269	198	332	245	340	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0700 96
LZB77-A0020-15	2.74	3.67	90	293	216	474	350	586	432	190	52	110	8.7	19.1	h	Ex II 2GD c T6 IIC T85°C	8411 0701 00
LZB77-A0017-15	2.74	3.67	80	332	245	536	395	664	490	165	52	110	8.7	19.1	h	Ex II 2GD c T6 IIC T85°C	8411 0700 09
Reversible (Keyed shaft)																	
LZB77-AR024-15	2.40	3.22	1280	18	13.3	24	18	36	27	2300	52	110	8.4	18.5	h	Ex II 2GD c T4 IIC T110°C	8411 0700 58
LZB77-AR007-15	2.38	3.19	370	62	46	84	62	124	91	680	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0701 18
LZB77-AR006-15	2.38	3.19	320	70	52	96	71	140	103	600	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0700 41
LZB77-AR004-15	2.38	3.19	220	102	75	139	103	204	150	420	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0701 26
LZB77-AR003-15	2.38	3.19	170	137	101	188	139	274	202	310	52	110	8.4	18.5	h	Ex II 2GD c T6 IIC T85°C	8411 0701 34
LZB77-AR0018-15	2.35	3.15	95	242	178	331	244	484	357	170	52	110	8.7	19.1	h	Ex II 2GD c T6 IIC T85°C	8411 0701 42
LZB77-AR0015-15	2.35	3.15	80	274	202	374	276	548	404	155	52	110	8.7	19.1	h	Ex II 2GD c T6 IIC T85°C	8411 0700 33

¹⁾ For Shaft loading curves, see page 16. NOTE: The motors have built-in silencer.

