

# Belt Drive Fans - Tube Axial

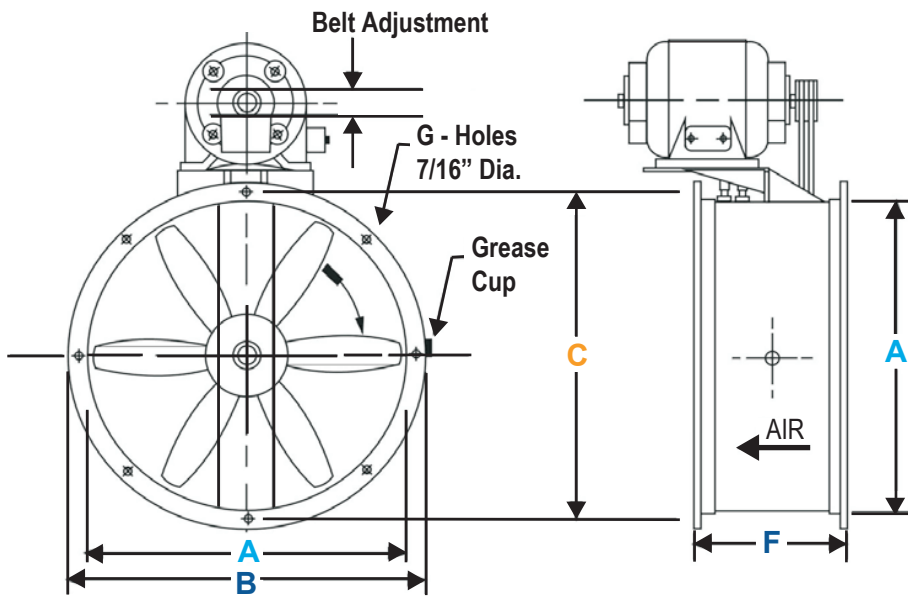
## Model PLDXA

### Features/Specifications:

- Fan easily mounts in round duct
- Air tight cylinder protects belts, bearings, and pulleys from contaminated air
- Spark resistant cast aluminum propellers
- Adjustable motor base
- 1 year warranty



### Fan Component:



### Fan Dimensions (in.)

Fan Model	A	B	C	F
PLDXA12	12	14	13	12
PLDXA15	15	17	16	12
PLDXA18	18	20	19	12
PLDXA24	24	27	25-5/8	12 16*
PLDXA27	27	30	28-5/8	12 16**
PLDXA30	30	33	31-5/8	12 16**
PLDXA34	34	37	35-5/8	16
PLDXA42	42	45	43-5/8	18
PLDXA48	48	51	49-5/8	24

\* 1-1/2 HP & UP    \*\* 2 HP & UP

### PLDXA Tube Axial Accessories:

#### Matching Flange (1 ea.)

EDP #	Catalog No.	Prop Dia.
32385	PLDXA Accessory	12"
32392	PLDXA Accessory	15"
32398	PLDXA Accessory	18"
32404	PLDXA Accessory	24"
32412	PLDXA Accessory	27"
32418	PLDXA Accessory	30"
32424	PLDXA Accessory	34"
32431	PLDXA Accessory	42"
32437	PLDXA Accessory	48"

#### Inspection Door

EDP #	Catalog No.	Prop Dia.
32399	PLDA Accessory	18"
32405	PLDA Accessory	24"
32413	PLDA Accessory	27"
32419	PLDA Accessory	30"
32425	PLDA Accessory	34"
32432	PLDA Accessory	42"
32438	PLDA Accessory	48"

#### Inlet/Outlet Guard

EDP #	Catalog No.	Prop Dia.
32387	PLDXA Accessory	12"
32394	PLDXA Accessory	15"
32400	PLDXA Accessory	18"
32406	PLDXA Accessory	24"
32414	PLDXA Accessory	27"
32420	PLDXA Accessory	30"
32426	PLDXA Accessory	34"
32433	PLDXA Accessory	42"
32439	PLDXA Accessory	48"



Belt Drive Guard (OSHA)

EDP #	Catalog No.	Prop Dia.
32388	PLDXA Accessory	12"
32395	PLDXA Accessory	15"
32401	PLDXA Accessory	18"
32407	PLDXA Accessory	24"
32415	PLDXA Accessory	27"
32421	PLDXA Accessory	30"
32427	PLDXA Accessory	34"
32434	PLDXA Accessory	42"
32440	PLDXA Accessory	48"

Epoxy Coating

EDP #	Catalog No.	Prop Dia.
32389	PLDXA Accessory	12"
32396	PLDXA Accessory	15"
32402	PLDXA Accessory	18"
32408	PLDXA Accessory	24"
32416	PLDXA Accessory	27"
32422	PLDXA Accessory	30"
32428	PLDXA Accessory	34"
32435	PLDXA Accessory	42"
32441	PLDXA Accessory	48"

Cont. Weld of Flange to Drum

EDP #	Catalog No.	Prop Dia.
32391	PLDXA Accessory	12"
32397	PLDXA Accessory	15"
32403	PLDXA Accessory	18"
32409	PLDXA Accessory	24"
32417	PLDXA Accessory	27"
32423	PLDXA Accessory	30"
32429	PLDXA Accessory	34"
32436	PLDXA Accessory	42"
32442	PLDXA Accessory	48"

Performance/Information:

Totally Enclosed Single Speed - 1 Phase, 115/230V

EDP #	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "S.P."						Approx Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32185	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380		68
32191	PLDXA12FA	12"	1/2	3450	1875	1650	1400	1320	1250	1100	72
32197	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32203	PLDXA15CA	15"	1/4	2000	2600	2100	1700				73
32209	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000		75
32215	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500		80
32221	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32227	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200			80
32233	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400		85
32239	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000		95
32245	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32251	PLDXA18KA	18"	1-1/2	1990	5350	5060	4830	4550	3950	3000	125
32257	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500		125
32263	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32269	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32275	PLDXA24KA	24"	1-1/2	1540	8200	7900	7650	7280	6850	5500	150
32281	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32290	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32296	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32302	PLDXA27KA	27"	1-1/2	1600	10700	10250	9700	9080	8375	6000	160
32308	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32314	PLDXA30FA	30"	1/2	1140	8900	7925	6660	4270	2300		118
32320	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120		140
32326	PLDXA30KA	30"	1-1/2	1035	11100	10600	9700	8600	7500	3500	165
32332	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32341	PLDXA34KA	34"	1-1/2	1170	13695	12400	11100	8365	6000	1050	175
32347	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32358	PLDXA42KA	42"	1-1/2	750	18960	17000	14662	11700	7200		175
32364	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	210



**Totally Enclosed Single Speed - 3 Phase, 230/460V**

EDP #	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "S.P."						Approx Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32186	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380		68
32192	PLDXA12FA	12"	1/2	3450	1875	1650	1400	1320	1250	1100	72
32198	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32204	PLDXA15CA	15"	1/4	2000	2600	2100	1700				73
32210	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000		75
32216	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500		80
32222	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32228	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200			80
32234	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400		85
32240	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000		95
32246	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32252	PLDXA18KA	18"	1-1/2	1990	5350	5060	4830	4550	3950	3000	125
32258	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500		125
32264	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32270	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32276	PLDXA24KA	24"	1-1/2	1540	8200	7900	7650	7280	6850	5500	150
32282	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32286	PLDXA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	185
32291	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32297	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32303	PLDXA27KA	27"	1-1/2	1600	10700	10250	9700	9080	8375	6000	160
32309	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32315	PLDXA30FA	30"	1/2	1140	8900	7925	6660	4270	2300		118
32321	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120		140
32327	PLDXA30KA	30"	1-1/2	1035	11100	10600	9700	8600	7500	3500	165
32333	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32337	PLDXA30OA	30"	3	1350	13480	12982	12498	12042	11465	10380	215
32342	PLDXA34KA	34"	1-1/2	1170	13695	12400	11100	8365	6000	1050	175
32348	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32354	PLDXA34OA	34"	3	1175	17580	16750	15896	14600	14095	12000	275
32359	PLDXA42KA	42"	1-1/2	750	18960	17000	14662	11700	7200		250
32365	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	260
32369	PLDXA42OA	42"	3	890	23700	22100	20200	18960	16970	9950	275
32374	PLDXA42PA	42"	5	850	26900	25600	24403	23450	22250	18400	325
32377	PLDXA48PA	48"	5	800	33000	31000	29400	27500	25670	20700	375
32380	PLDXA48QA	48"	7-1/2	900	37500	35900	34500	32800	31200	27700	430
32383	PLDXA48RA	48"	10	1000	41200	39700	38300	36900	35400	32400	520



**Explosion Proof Single Speed - 1 Phase, 115/230V**

EDP #	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "S.P."						Approx Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32187	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380		68
32193	PLDXA12FA	12"	1/2	3450	1875	1650	1400	1320	1250	1100	72
32199	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32205	PLDXA15CA	15"	1/4	2000	2600	2100	1700				73
32211	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000		75
32217	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500		80
32223	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32229	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200			80
32235	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400		85
32241	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000		95
32247	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32253	PLDXA18KA	18"	1-1/2	1990	5350	5060	4830	4550	3950	3000	125
32259	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500		125
32265	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32271	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32277	PLDXA24KA	24"	1-1/2	1540	8200	7900	7650	7280	6850	5500	150
32283	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32292	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32298	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32304	PLDXA27KA	27"	1-1/2	1600	10700	10250	9700	9080	8375	6000	160
32310	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32316	PLDXA30FA	30"	1/2	1140	8900	7925	6660	4270	2300		118
32322	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120		140
32328	PLDXA30KA	30"	1-1/2	1035	11100	10600	9700	8600	7500	3500	165
32334	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32343	PLDXA34KA	34"	1-1/2	1170	13695	12400	11100	8365	6000	1050	175
32349	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32360	PLDXA42KA	42"	1-1/2	750	18960	17000	14662	11700	7200		250
32366	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	260

**Explosion Proof Single Speed - 3 Phase, 230/460V**

EDP #	Catalog No.	Prop Dia.	HP	Fan RPM	Capacity (CFM) @ "S.P."						Approx Ship Wt.
					0"	1/8"	1/4"	3/8"	1/2"	3/4"	
32188	PLDXA12CA	12"	1/4	2625	1444	1307	1033	638	380		68
32194	PLDXA12FA	12"	1/2	3450	1875	1650	1400	1320	1250	1100	72
32200	PLDXA12HA	12"	3/4	3450	2044	1960	1920	1820	1650	1500	76
32206	PLDXA15CA	15"	1/4	2000	2600	2100	1700				73
32212	PLDXA15DA	15"	1/3	2200	2950	2500	2100	1760	1000		75
32218	PLDXA15FA	15"	1/2	1890	3350	3000	2650	2200	1500		80
32224	PLDXA15HA	15"	3/4	2200	3900	3700	3400	3100	2700	1150	95
32230	PLDXA18CA	18"	1/4	1600	3050	2500	2000	1200			80
32236	PLDXA18DA	18"	1/3	1725	3375	3000	2600	2000	1400		85
32242	PLDXA18FA	18"	1/2	1890	3850	3500	3100	2500	2000		95
32248	PLDXA18JA	18"	1	1725	4600	4375	4080	3600	3000	2100	115
32254	PLDXA18KA	18"	1-1/2	1990	5350	5060	4830	4550	3950	3000	125



32260	PLDXA24FA	24"	1/2	1298	5643	5320	4826	4440	3500		125
32266	PLDXA24HA	24"	3/4	1600	6906	6510	5900	5440	4650	2750	130
32272	PLDXA24JA	24"	1	1725	7425	7000	6350	5850	5000	3300	145
32278	PLDXA24KA	24"	1-1/2	1540	8200	7900	7650	7280	6850	5500	150
32284	PLDXA24MA	24"	2	1600	9760	9114	8830	8460	8090	7000	170
32287	PLDXA24OA	24"	3	1725	10500	9800	9500	9100	8700	7800	185
32293	PLDXA27HA	27"	3/4	1250	8330	7814	7550	7070	6500	4650	135
32299	PLDXA27JA	27"	1	1400	9400	8675	8480	7950	7300	5200	155
32305	PLDXA27KA	27"	1-1/2	1600	10700	10250	9700	9080	8375	6000	160
32311	PLDXA27MA	27"	2	1350	11500	11200	10700	10000	9300	8000	210
32317	PLDXA30FA	30"	1/2	1140	8900	7925	6660	4270	2300		118
32323	PLDXA30JA	30"	1	1298	9896	8970	7980	6050	4120		140
32329	PLDXA30KA	30"	1-1/2	1035	11100	10600	9700	8600	7500	3500	165
32335	PLDXA30MA	30"	2	1176	12100	11660	11000	10121	9322	6700	200
32338	PLDXA30OA	30"	3	1350	13480	12982	12498	12042	11465	10380	215
32344	PLDXA34KA	34"	1-1/2	1170	13695	12400	11100	8365	6000	1050	175
32352	PLDXA34MA	34"	2	1027	14657	13652	12590	11500	10000	8000	210
32355	PLDXA34OA	34"	3	1175	17580	16750	15896	14600	14095	12000	275
32361	PLDXA42KA	42"	1-1/2	750	18960	17000	14662	11700	7200		250
32367	PLDXA42MA	42"	2	820	20700	18900	17002	14700	11400	4000	260
32372	PLDXA42OA	42"	3	890	23700	22100	20200	18960	16970	9950	275
32375	PLDXA42PA	42"	5	850	26900	25600	24403	23450	22250	18400	325
32378	PLDXA48PA	48"	5	800	33000	31000	29400	27500	25670	20700	375
32381	PLDXA48QA	48"	7-1/2	900	37500	35900	34500	32800	31200	27700	430
32384	PLDXA48RA	48"	10	1000	41200	39700	38300	36900	35400	32400	520

**NOTE: For special custom order products - once in production, non-cancellable, non returnable under any circumstances.**

**Ordering:**

Fan No.	EDP #	Qty.	Catalog No.	HP	RPM	Comments

Project		Location	
Engineer		Contractor	

Submitted by		Date		Approved by		Date	
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