

Hazardous Duty™ Explosion Proof, Single Phase, Fan & Blower

Class I Group D, Class II Groups F & G, Resilient Base

Applications: Commercial and industrial fans and blowers that require moderate to high starting torque and are installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.

- Features:**
- 1.0 Service Factor
 - Automatic reset thermal protector
 - Meets temperature code T3B
 - Capacitor start design
 - Double sealed ball bearings
 - Extended thru bolts
 - UL Listed File No. E12044
 - CSA Certified File No. LR47504

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/4	1800	115	56	K032	56C17E5302	\$350	F1	4.8	26	11.88	N
	1200	115	56	K033 *	56C11G5303	\$481	F1	5.4	31	14.46	37
1/3	1800	115	56	K037	56C17G5308	\$457	F1	6.6	29	13.96	37

★ Stock Model

EXPLOSION PROOF

Hazardous Duty™ Explosion Proof, Single Phase

Class I Groups C & D, Class II Groups F & G, Rigid Base



Applications: For use on fans, blowers, pumps, compressors, machine tools, and other equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.

- Features:**
- 1.0 Service Factor
 - Automatic reset thermal protector
 - Meets temperature code T3B
 - Capacitor start design for high starting torque
 - Double sealed ball bearings
 - Extended thru bolts
 - UL Listed File No. E12044
 - CSA Certified File No. LR47504

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/4	1800	115/208-230	56	G639 *	56C17E5314	\$417	F1	4.8/2.3-2.4	25	11.97	N
	1200	115/208-230	56	G650 *	56C11G5306	\$558	F1	6.8/3.1-3.4	28	13.94	
1/3	1800	115/208-230	56	G651 *	56C17G5315	\$476	F1	6.6/3.1-3.3	26	13.44	
	1200	115/208-230	56	G652 *	56C11G5307	\$600	F1	7.8/3.6-3.9	31	13.94	
1/2	3600	115/208-230	56	G653	56C34G5308	\$428	F1	8.4/4.0-4.2	26	13.44	
	1800	115/208-230	56	G654 *	56C17G5316	\$520	F1	8.8/4.2-4.4	27	13.94	
	1200	115/208-230	56	G655 *	56B11G5301	\$691	F1	9.6/4.7-4.8	39	14.94	1
3/4	3600	115/208-230	56	G656	56C34G5309	\$483	F1	10.6/5.3-5.3	31	13.94	
	1800	115/208-230	56	G657 *	56C17G5317	\$584	F1	11.0/5.4-5.5	34	14.44	
1	3600	115/208-230	56	G658	56C34G5310	\$521	F1	12.4/6.7-6.2	40	14.44	
	1800	115/208-230	56	G659 *	56C17G5318	\$610	F1	13.4/6.8-6.7	35	14.44	

★ Stock Model

Footnotes:

- N Totally Enclosed, Non-Ventilated
- 1 Capacitor Start/Capacitor Run design for reduced amperage
- 37 1-1/2" Thru bolts, shaft end

Hazardous Duty™ Explosion Proof, Single Phase

Class I Groups C & D, Class II Groups F & G, C-Face

Applications: For use on gear reducers, pumps, compressors, machine tools, and other direct-coupled equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Refer to the General Information section on explosion proof classifications. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.



- Features:**
- 1.0 Service Factor
 - Automatic reset thermal protector
 - Meets temperature code T3B
 - Capacitor start design for high starting torque
 - Double sealed ball bearings
 - Explosion proof conduit box included, shipped loose
 - UL Listed File No. E12044
 - CSA Certified File No. LR47504

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/4	1800	115/208-230	56C	G852 ★	56C17E5319	\$433	F1	4.8/2.3-2.4	25	11.97	
1/3	1800	115/208-230	56C	G853 ★	56C17G5320	\$488	F1	6.6/3.1-3.3	27	13.44	
1/2	3600	115/208-230	56C	G854	56C34G5311	\$440	F1	8.4/4.0-4.2	26	13.44	
	1800	115/208-230	56C	G855 ★	56C17G5321	\$531	F1	8.8/4.2-4.4	27	13.94	
3/4	3600	115/208-230	56C	G856	-----	\$495	F1	10.6/5.3-5.3	44	14.44	
	1800	115/208-230	56C	G857 ★	56C17G5322	\$595	F1	11.0/5.4-5.5	33	14.44	
1	3600	115/208-230	56C	G858	56C34G5316	\$533	F1	12.4/6.2-6.7	48	14.44	
	1800	115/208-230	56C	G870 ★	56C17G5323	\$621	F1	13.4/6.8-6.7	34	14.44	

★ Stock Model

Hazardous Duty™ Explosion Proof, Single Phase

Class I Groups C & D, Class II Groups F & G, C-Face with Rigid Base

Applications: For use on gear reducers, pumps, compressors, machine tools, and other direct-coupled equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.



- Features:**
- 1.0 Service Factor
 - Automatic reset thermal protector
 - Meets temperature code T3B
 - Capacitor start design for high starting torque
 - Double sealed ball bearings
 - Explosion proof conduit box included, shipped loose
 - UL Listed File No. E12044
 - CSA Certified File No. LR47504

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/3	1800	115/208-230	56C	G871	56C17G5324	\$469	F1	6.6/3.1-3.3	37	13.44	
1/2	1800	115/208-230	56C	G872	56C17G5328	\$536	F1	8.8/4.2-4.4	29	13.94	
3/4	3600	115/208-230	56C	G873	56C34G5314	\$499	F1	10.6/5.3-5.3	31	13.94	
	1800	115/208-230	56C	G874	56C17G5326	\$600	F1	11.0/5.4-5.5	42	14.44	
1	3600	115/208-230	56C	G875	-----	\$539	F1	12.4/6.0-6.2	48	14.44	
	1800	115/208-230	56C	G876	56C17G5327	\$636	F1	13.4/6.8-6.7	35	14.44	

EXPLOSION PROOF

Hazardous Duty™ Explosion Proof, Three Phase Blue Chip® Severe Duty

Class I Group D (Group C as noted), Class II Groups F & G, Rigid Base



Applications: For use on fans, blowers, pumps, compressors, machine tools, and other equipment installed in hazardous environments as defined by the motor's explosion proof class and group rating. Consult the National Electrical Code and your local regulations for the proper selection of motors in hazardous locations.

- Features:**
- 1.15 Service Factor on sinewave
 - 10:1 Variable torque, constant torque speed range as indicated @ 1.0 SF
 - Class F insulation
 - CR²⁰⁰ Corona Resistant, 200°C rated magnet wire
 - Ball Bearings, except where noted
 - All cast iron construction
 - Normally closed thermostats (must be connected to control circuit)
 - Meets temperature code T3B
 - All cast iron construction
 - Shaft slinger
 - External surface treated with epoxy
 - Nameplated 60/50 hertz, 190/380 volts, at next lower horsepower (575 volt excluded)
 - See Modification section for addition of C-Face Kits (254T-445T)
 - Meets IEEE45 USCG Marine Duty, IP 54 construction
 - Contact Marathon Electric for F2 mounting
 - UL Listed File No. E12044
 - CSA Certified File No. LR21839 and LR47504
 - Two year warranty



IP54



EXPLOSION PROOF

HP	RPM	VOLTS	FRAME	GROUP C	CAT. NO.	MODEL NO.	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
3/4	1200	208-230/460	143T	N	H350★	143TTGN7076	10:1	\$674	E7	74.0	3.1-3.2/1.6	53	12.48	25,80,91
1	1800	208-230/460	143T	N	U001★	143TTGN4026	10:1	\$643	E7	82.5	3.0-3.0/1.5	55	13.48	25,80,91
	1800	575	143T	N	U020★	143TTGN4030	10:1	\$643	E7	82.5	1.2	55	13.48	25,80
	1800	208-230/460	143T	Y	U986	143TTGN4032	10:1	\$775	E7	82.5	3.0-3.0/1.5	55	13.48	25,80,91
	1200	208-230/460	145T	N	U039★	145TTGN4076	10:1	\$775	E7	80.0	3.6-3.4/1.7	59	14.73	25,80,91
1 1/2	3600	208-230/460	143T	N	U058★	143TTGN4001	10:1	\$689	E7	82.5	4.4-4.0/2.0	64	13.48	25,80,91
	1800	208-230/460	145T	N	U002★	145TTGN4026	10:1	\$686	E7	84.0	4.6-4.4/2.2	75	14.73	25,80,91
	1800	575	145T	N	U021★	145TTGN4035	10:1	\$686	E7	84.0	1.8	75	14.73	25,80
	1800	208-230/460	145T	Y	U987	145TTGN4051	10:1	\$825	E7	84.0	4.6-4.4/2.2	75	14.73	25,80,91
2	1200	208-230/460	182T	N	U040★	182TTGS4076	10:1	\$808	E7	85.5	5.0-5.0/2.5	82	17.44	25,91
	3600	208-230/460	145T	N	U059★	145TTGN4001	10:1	\$808	E7	84.0	5.6-5.2/2.6	63	13.48	25,80,91
	1800	208-230/460	145T	N	U003★	145TTGN4027	10:1	\$726	E7	85.5	6.2-6.0/3.0	77	14.73	25,80,91
	1800	575	145T	N	U022★	145TTGN4040	10:1	\$726	E7	85.5	2.4	77	14.73	25,80
3	1800	208-230/460	145T	Y	U988	145TTGN4050	10:1	\$874	E7	84.0	6.0-5.6/2.8	75	14.73	25,80,91
	1200	208-230/460	184T	N	U041★	184TTGS4076	10:1	\$914	E7	86.5	6.4-6.0/3.0	130	17.44	25,91
	3600	208-230/460	182T	N	U060★	182TTGS4001	10:1	\$836	E7	85.5	8.4-7.4/3.7	90	16.19	25,91
	1800	208-230/460	182T	N	U004★	182TTGS4026	10:1	\$828	E7	87.5	9.0-8.4/4.2	98	16.19	25,91
5	1800	575	182T	N	U023★	182TTGS4030	10:1	\$828	E7	87.5	3.4	98	16.19	25
	1800	208-230/460	182T	Y	U989	182TTGS4041	10:1	\$996	E7	87.5	9.0-8.4/4.2	98	17.44	25,91
	1200	230/460	213T	N	U042★	213TTGS4076	10:1	\$1,171	E7	87.5	9.0/4.5	180	19.66	25
	3600	208-230/460	184T	N	U061★	184TTGS4001	10:1	\$1,016	E7	87.5	13.0-12.4/6.2	146	17.44	25,91
7 1/2	1800	208-230/460	184T	N	U005★	184TTGS4026	10:1	\$908	E7	86.5	14.0-13.0/6.5	142	17.44	25,91
	1800	575	184T	N	U024★	184TTGS4030	10:1	\$908	E7	86.5	5.2	142	17.44	25
	1800	208-230/460	184T	Y	U990	184TTGS4044	10:1	\$1,093	E7	86.5	14.0-13.0/6.5	142	17.44	25,91
	1200	230/460	215T	N	U043★	215TTGS4076	10:1	\$1,501	E7	87.5	14.0/7.0	200	20.91	25
7 1/2	3600	208-230/460	213T	N	U062★	213TTGS4001	10:1	\$1,295	E7	88.5	20.0-19.0/9.5	230	20.91	25,91
	1800	208-230/460	213T	N	U006★	213TTGS4026	10:1	\$1,229	E7	89.5	22.0-20.0/10.0	200	19.66	25,91
	1800	575	213T	N	U025★	213TTGS4030	10:1	\$1,229	E7	89.5	8.0	200	19.66	25
	1800	208-230/460	213T	Y	U991	213TTGS4040	10:1	\$1,479	E7	89.5	22.0-20.0/10.0	200	20.91	25,91
1200	230/460	254T	Y	U044★	254TTGN4076	10:1	\$1,958	E7	89.5	20.0/10.0	390	23.52		

Blue shaded areas are Cast Iron Frames

★ **Stock Model**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Footnotes:

- 25 Motor will not accept C-Face kits
- 80 Rolled steel fan guard on 143T-145T
- 91 Suitable for use on VFD at 208 volt

Continued on next page.

Hazardous Duty™ Explosion Proof, Three Phase Blue Chip® Severe Duty

Class I Group D (Group C as noted), Class II Groups F & G, Rigid Base

HP	RPM	VOLTS	FRAME	GROUP C	CAT. NO.	MODEL NO.	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
10	3600	230/460	215T	Y	U063 *	215TTGS4001	10:1	\$1,470	E7	90.2	24.0/12.0	190	20.91	25
	1800	208-230/460	215T	N	U007 *	215TTGS4026	2:1	\$1,433	E7	89.5	28.1-25.0/12.5	195	20.91	25,91
	1800	575	215T	N	U026 *	215TTGS4030	2:1	\$1,433	E7	89.5	10.0	195	20.91	25
	1800	230/460	215T	Y	U992	215TTGS4039	2:1	\$1,725	E7	89.5	25.0/12.5	195	20.91	25
	1200	230/460	256T	Y	U045 *	256TTGN4076	10:1	\$2,362	E7	89.5	26.0/13.0	400	25.27	
15	3600	230/460	254T	Y	U064 *	254TTGP4001	10:1	\$1,914	E7	90.2	36.0/18.0	252	23.69	
	1800	208-230/460	254T	Y	U008 *	254TTGN4026	10:1	\$1,836	E7	91.0	42.0-39.0/19.5	365	23.52	91
	1800	575	254T	Y	U027 *	254TTGN4030	10:1	\$1,836	E7	91.0	15.6	365	23.52	
	1200	208-230/460	284T	Y	U046 *	284TTGN4076	10:1	\$3,280	E7	90.2	43.0-40.0/20.0	525	26.34	
20	3600	208-230/460	256T	Y	U065 *	256TTGN4001	10:1	\$2,412	E7	90.2	52.0-47.0/23.5	350	25.27	91
	1800	208-230/460	256T	Y	U009 *	256TTGN4026	2:1	\$2,197	E7	91.0	53.5-50.0/25.0	400	25.27	91
	1800	575	256T	Y	U028 *	256TTGN4030	2:1	\$2,197	E7	91.0	20.0	400	25.27	
	1200	208-230/460	286T	Y	U047 *	286TTGN4076	10:1	\$3,825	E7	90.2	57.0-54.0/27.0	545	27.84	
25	3600	230/460	284TS	Y	U066 *	284TSTGP4001	10:1	\$3,113	E7	91.0	60.0/30.0	400	24.89	
	1800	208-230/460	284T	Y	U010 *	284TTGP4026	2:1	\$2,795	E7	92.4	67.0-62.0/31.0	450	26.26	91
	1800	208-230/460	284TS	Y	U076	284TSTGP4036	2:1	\$2,795	E7	92.4	67.0-62.0/31.0	450	24.89	91
	1800	575	284T	Y	U029	284TTGP4030	2:1	\$2,795	E7	92.4	24.8	450	26.26	
	1200	230/460	324T	Y	U048 *	324TTGP4076	10:1	\$4,833	E7	91.7	67.0/33.5	700	28.97	
30	3600	230/460	286TS	Y	U067 *	286TSTGP4001	2:1	\$3,355	E7	91.0	72.0/36.0	494	26.39	
	1800	208-230/460	286T	Y	U011 *	286TTGP4026	2:1	\$3,241	E7	92.4	81.0-74.0/37.0	496	27.76	91
	1800	208-230/460	286TS	Y	U077	286TSTGP4036	2:1	\$3,241	E7	92.4	81.0-74.0/37.0	496	26.39	87,91
	1800	575	286T	Y	U030	286TTGP4030	2:1	\$3,241	E7	92.4	29.6	496	27.76	87
	1200	230/460	326T	Y	U049	326TTGS4076	2:1	\$5,655	E7	91.7	76.0/38.0	700	30.47	
40	3600	230/460	324TS	Y	U068 *	324TSTGP4001	2:1	\$4,517	E7	91.7	95.0/47.5	584	27.47	
	1800	230/460	324T	Y	U012 *	324TTGP4026	2:1	\$4,315	E7	93.0	100/50.0	520	28.97	
	1800	230/460	324TS	Y	U078	324TSTGP4036	2:1	\$4,315	E7	93.0	100/50.0	520	27.47	17,87
	1800	575	324T	Y	U031	324TTGP4030	2:1	\$4,315	E7	93.0	40.0	520	28.97	17,87
	1200	230/460	364T	Y	U050 *	364TTGS4086	2:1	\$7,357	E7	93.0	103/51.5	960	31.50	
50	3600	230/460	326TS	Y	U069 *	326TSTGP4001	2:1	\$5,837	E7	92.4	115/57.5	500	28.97	
	1800	230/460	326T	Y	U013 *	326TTGP4026	2:1	\$5,253	E7	93.0	122/61.0	675	30.47	17,87
	1800	230/460	326TS	Y	U079	326TSTGP4036	2:1	\$5,253	E7	93.0	122/61.0	675	28.97	17,87
	1800	575	326T	Y	U032	326TTGP4030	2:1	\$5,253	E7	93.0	49.0	675	30.47	17,87
	1200	230/460	365T	Y	U092 *	365TTGS4091	2:1	\$8,342	E7	93.0	127/63.5	1122	32.50	
60	3600	230/460	364TS	Y	U070 *	364TSTGS4001	2:1	\$8,342	E7	93.0	142/71.0	971	29.38	
	1800	230/460	364TS	Y	U080	364TSTGS4026	2:1	\$7,632	E7	93.6	144/72.0	1000	29.38	87,17
	1800	575	364T	Y	U033	364TTGS4040	2:1	\$7,632	E7	93.6	57.5	1000	31.50	87
	1800	230/460	364T	Y	U093 *	364TTGS4046	2:1	\$7,632	E7	93.6	144/72.0	1000	31.50	
	1200	230/460	404T	Y	U089 *	404TTGS4087	2:1	\$9,944	E7	93.6	149/74.5	1324	35.62	
75	3600	230/460	365TS	Y	U071 *	365TSTGS4001	2:1	\$9,641	E7	93.0	171/85.5	950	30.38	
	1800	230/460	365TS	Y	U081	365TSTGS4026	2:1	\$9,390	E7	94.1	178/89.0	1094	30.38	87
	1800	575	365T	Y	U034	365TTGS4040	2:1	\$9,390	E7	94.1	71.0	1094	32.50	87
	1800	230/460	365T	Y	U094 *	365TTGS4046	2:1	\$9,390	E7	94.1	178/89.0	1094	32.50	
	1200	230/460	405T	Y	U088 *	405TTGS4087	2:1	\$11,565	E7	93.6	185/92.5	1398	37.12	

EXPLOSION PROOF

Blue shaded areas are Cast Iron Frames

★ Stock Model

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Footnotes:

17 1.0 Service Factor
25 Motor will not accept C-Face Kits

87 10:1 Constant torque available as build-up, refer to marketing for price and availability
91 Suitable for use on VFD at 208 volt

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Hazardous Duty™ Explosion Proof, Three Phase Blue Chip® Severe Duty

Class I Group D (Group C as noted), Class II Groups F & G, Rigid Base

HP	RPM	VOLTS	FRAME	GROUP C	CAT. NO.	MODEL NO.	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	APPROX. WGH. LBS.	"C" DIM.	FOOT NOTES
100	3600	230/460	405TS	Y	U096	405TSTGS4003	2:1	\$13,042	E7	94.1	224/112	1263	34.12	
	1800	230/460	405TS	Y	U082	405TSTGS4026	2:1	\$11,546	E7	94.5	228/114	1365	34.12	87
	1800	575	405T	Y	U035	405TTGS4040	2:1	\$11,546	E7	94.5	91.0	1365	37.12	87
	1800	230/460	405T	Y	U097 *	405TTGS4046	2:1	\$11,546	E7	94.5	228/114	1365	37.12	
	1200	230/460	444T	Y	U095 *	444TTGS4087	2:1	\$16,074	E7	94.1	238/119	1839	41.25	
125	3600	460	444TS	Y	U073	444TSTGS4003	2:1	\$18,003	E7	94.5	137	1779	37.50	
	1800	460	444TS	Y	U083	444TSTGS4026	2:1	\$14,912	E7	94.5	142	1808	37.50	87
	1800	460	444T	Y	U085	444TTGS4038	2:1	\$14,912	E7	94.5	142	1808	41.25	
	1800	575	444T	Y	U036	444TTGS4042	2:1	\$14,912	E7	94.5	113	1808	41.25	87
	1200	460	445T	Y	U055	445TTGS4086	2:1	\$19,021	E7	94.5	152	2225	43.19	87
150	3600	460	445TS	Y	U074	445TSTGN4001	2:1	\$21,073	E7	95.4	167	2188	39.44	87
	1800	460	445T	Y	U018 *	445TTGN4037	10:1	\$17,628	E7	95.0	172	2250	43.19	
	1800	460	445TS	Y	U084	445TSTGN4027	10:1	\$17,628	E7	95.0	172	2250	39.44	
	1800	575	445T	Y	U037	445TTGN4030	10:1	\$18,417	E7	95.0	138	2250	43.19	
	1200	460	445T	Y	U090	445TTGN4087	2:1	\$20,698	E7	95.0	182	2384	43.19	RB,13,87
200	3600	460	445TS	Y	U075	445TSTGN4005	2:1	\$25,713	E7	95.0	222	2395	39.44	87
	1800	460	445T	Y	U019	445TTGN4053	2:1	\$20,837	E7	95.0	225	2384	43.19	RB
	1800	575	445T	Y	U038	445TTGN4045	2:1	\$20,837	E7	95.0	180	2384	43.19	RB,87
	1200	460	447/9T	Y	U091	449TTGS4088	2:1	\$24,957	E7	95.0	243	2878	51.69	RB,87
250	3600	460	447/9TS	N	H513	449TSTGS7003	---	\$28,379	E7	95.0	280	2450	47.94	17,87
	1800	460	447/9T	Y	H502	449TTGS7068	---	\$23,450	E7	95.0	290	2600	51.69	RB,17,87
300	1800	460	447/9T	Y	H503	449TTGS7037	2:1	\$26,115	E7	95.4	338	3032	51.69	RB,17,87
350	1800	460	447/9T	N	H504	449TTGS7036	---	\$29,288	E7	95.4	400	3280	51.69	17,87

Blue shaded areas are Cast Iron Frames

★ Stock Model

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Footnotes:

RB Roller Bearing on shaft end for belted load only
13 F1 Mounting Only, Cannot reassemble to F2

17 1.0 Service Factor
87 10:1 Constant torque available as build-up, refer to marketing for price and availability