

ACS 580 1-700HP

The ACS580 is an all-compatible ABB general purpose drive, offered both wall-mount and cabinet-build drives. It turns complicated to simple and controls processes productively and efficiently. ACS580 drives include all the essential components for typical light industry applications, with a scalable offering from 1 to 700 HP. The drive is ready to control as many other variable and constant torque applications. The all-compatible drives family ensures that you will always find the best drive for your needs. These drives share a similar user interface and PC tools, making using and learning them fast and easy.

FEATURES

- Choke and EMC
- Scalar and vector control for process control
- Extensive I/O connections
- Assistant control panel and primary settings
- Integrated safe torque off (STO)
- Brake Control
- Same user interface
- Adaptive programming
- Simple connectivity



MAIN BENEFITS

- Save space, increase safety and reduce cost
- Maintain productivity even in harsh conditions/environments
- Flawless operation
- Minimize down time
- Flexible and cabinet-free installation



RATINGS: UL (NEMA) Type 1/IP21
UL (NEMA) Type 12/IP55



GENERAL PURPOSE

Options, Dimensions and Ordering Instructions

**3-PHASE 480V (RANGE 380-480 V) WALL-MOUNTED DRIVES, ACS580-01****Light-duty (10% overload for 1 min.)****Heavy-duty (50% overload for 1 min)**

CATALOG #	CURRENT (A) - VT	HP (VT)	CURRENT (A) - CT	HP (CT)	Frame Size	Dimensions IP21/NEMA 1 UL Open			
						HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS580-01-02A1-4	2.1	1	1.6	0.75	R1	13	4.9	8.8	10.1
ACS580-01-03A0-4	3	1.5	2.1	1	R1	13	4.9	8.8	10.1
ACS580-01-03A5-4	3.5	2	3	1.5	R1	13	4.9	8.8	10.1
ACS580-01-04A8-4	4.8	3	3.4	2	R1	13	4.9	8.8	10.1
ACS580-01-06A0-4	6	3	4	3	R1	13	4.9	8.8	10.1
ACS580-01-07A6-4	7.6	5	4.8	3	R1	13	4.9	8.8	10.1
ACS580-01-012A-4	12	7.5	7.6	5	R1	13	4.9	8.8	10.1
ACS580-01-014A-4	14	10	11	7.5	R2	17	4.9	9	14.6
ACS580-01-023A-4	23	15	14	10	R2	17	4.9	9	14.6
ACS580-01-027A-4	27	20	21	15	R3	19.3	8	9	26
ACS580-01-034A-4	34	25	27	20	R3	19.3	8	9	26
ACS580-01-044A-4	44	30	34	25	R3	19.3	8	9	26
ACS580-01-052A-4	52	40	40	30	R4	25	8	10.2	41.9
ACS580-01-065A-4	65	50	52	40	R4	25	8	10.2	41.9
ACS580-01-077A-4	77	60	65	50	R4	25	8	10.2	41.9
ACS580-01-078A-4	77	60	65	50	R5	23.5	8	11.6	62.4
ACS580-01-096A-4	96	75	77	60	R5	23.5	8	11.6	62.4
ACS580-01-124A-4	124	100	96	75	R6	21.6	9.9	14.5	93.5
ACS580-01-156A-4	156	125	124	100	R7	23.7	11.2	14.6	119.1
ACS580-01-180A-4	180	150	156	125	R7	23.7	11.2	14.6	119.1
ACS580-01-240A-4	240	200	180	150	R8	26.7	11.8	15.5	152.2
ACS580-01-260A-4	260	200	240	150	R8	26.7	11.8	15.5	152.2
ACS580-01-302A-4	302	250	260	200	R9	26.8	15	16.5	213.9
ACS580-01-361A-4	361	300	302	250	R9	26.8	15	16.5	213.9
ACS580-01-141A-4	414	350	361	300	R9	26.8	15	16.5	213.9

