

DETAIL A
SCALE 2 : 4.5

2500S SIMPLEX
EXPLODED VIEW



SPEC SHEET


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DIMENSIONS (inches)		WEIGHT
2500S SIMPLEX	17L X 17.25W X 10.25T	28 LBS
2500S DUPLEX	17L X 21.5W X 10.25T	31 LBS
5000S SIMPLEX	20L X 17.25 W X 10.25T	35 LBS
5000AC SIMPLEX	20L X 17.25W X 13.50T	34 LBS
5000S DUPLEX	20L X 21.5W X 10.25T	38 LBS
5000AC DUPLEX	20L X 21.50W X 13.50T	37 LBS

ADD 2LBS/HEAD TO WEIGHT FOR 3/4" AND 1" HEADS

PLUNGER OPTIONS	
PART #	DESCRIPTION
HIS010	1/4" PLUNGER
HIS010-C	1/4" CERAMIC PLUNGER
HIS009	3/8" PLUNGER
HIS009-C	3/8" CERAMIC PLUNGER
HIS008	1/2" PLUNGER
HIS008-C	1/2" CERAMIC PLUNGER
HIS096	3/4" PLUNGER
HIS095	1" PLUNGER



BISON
Gear & Engineering Corp.
St. Charles, Illinois USA 1-800-At-Bison Bisonsgear.com


MODEL	011-336-0060
HP	1/20
VOLTS	12
F.F.MAX	1.00
AMPS	5.5
RPM	35
RATIO	58.3:1
TORQUE	75 IN-LBS

DC GEARMOTOR

RED _____ + LINE

BLACK _____ - LINE

To reverse rotation interchange red and black leads



MM/DD/YY RoHS XXXXX

ITEM #	PART #	DESCRIPTION
1	HIS016	5000S DC MOTOR
2	HIS006	CAM
3	HIS085	FRONT SHAFT BUSHING
4	HIS019	1/4"-20 SET SCREWS
5	HISFLHDC	FLUID HEAD ASSEMBLY
6	HIS108	1/4" SUCTION CHECK
7	HIS109	1/4" DISCHARGE CHECK
8	HIS013	BLEEDER VALVE
9	SEE BELOW	STAINLESS PLUNGER
10	HIS004	YOKE
11	HIS002	YOKE NUT
12	HIS020	3/8"-16 SET SCREW
13	HIS007AC	ADJUSTABLE FOLLOWER
14	HIS056	BLIND FLUID HEAD
15	HIS057	BLIND PLUNGER
16	HIS090	PLUNGER PIN

REPLACEMENT PACKING		
	PART #	DESCRIPTION
	HIS030B	1/4" BUNA
	HIS030V	1/4" VITON
	HIS030E	1/4" EXTREME
	HIS031B	3/8" BUNA
	HIS031V	3/8" VITON
	HIS031V	3/8" EXTREME
	HIS032B	1/2" BUNA
	HIS032V	1/2" VITON
	HIS032E	1/2" EXTREME
	HIS099B	3/4" BUNA
	HIS099V	3/4" VITON
	HIS098B	1" BUNA
	HIS098V	1" VITON

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