

**vertical  
double suction  
single stage  
pumps**

**CLASSES-VHSS-VHSM-VHSL-VHSO**

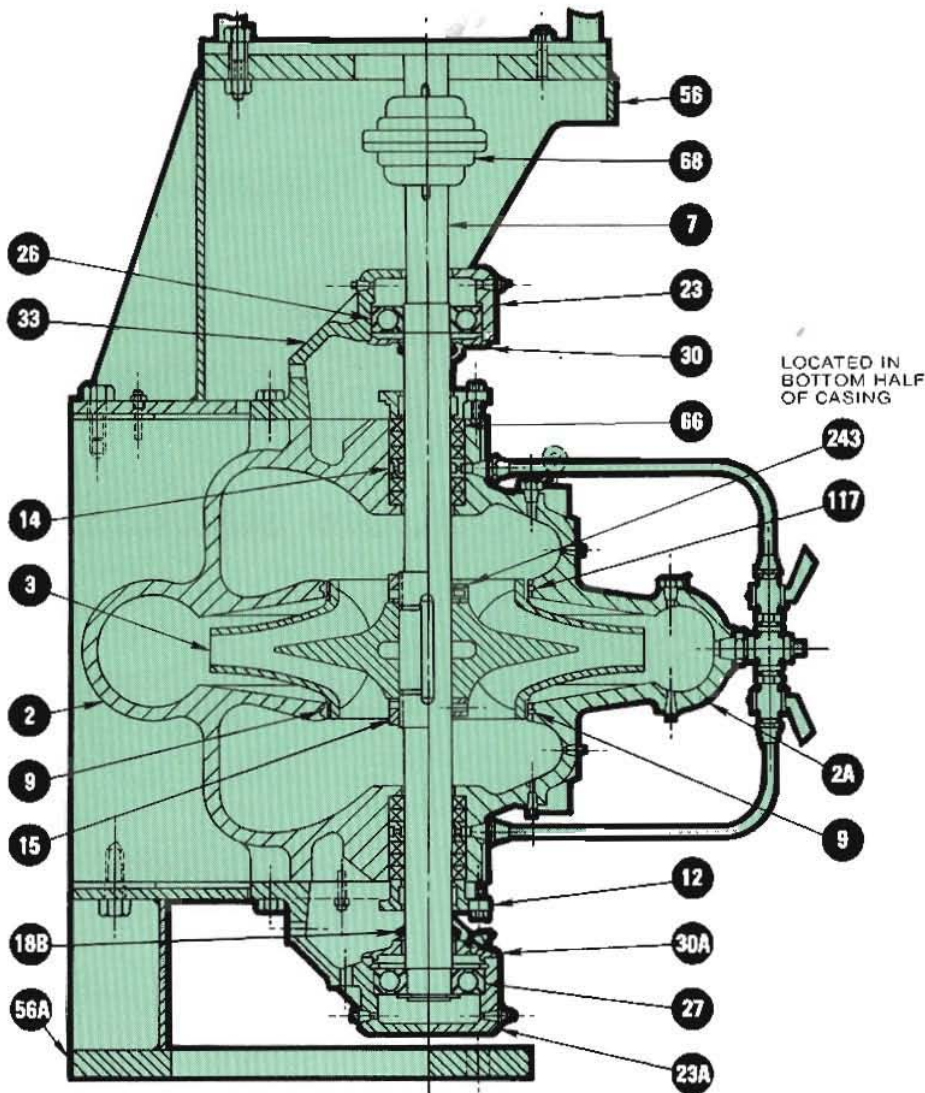
**capacities to 20,000 gpm - total  
head to 380 feet**

**150,000 hours average bearing life**

**less than .002" shaft deflection**

**maximum interchangeability**

# vertical double suction pumps/dimensions



## PARTS LIST

PART NO.	PART NAME
2	Casing
2A	Casing cover
3	Impeller
7	Shaft
9	Casing ring
12	Gland
14	Seal cage
15	Impeller nut
18B	Deflector
23	Bearing cap (Guide)
23A	Bearing cap (Thrust)
26	Guide bearing
27	Thrust bearing
30	Bearing seal (inboard)
30A	Bearing seal (outboard)
33	Bearing bracket
56	Motor stand
56A	Pump stand
66	Packing
68	Flexible coupling
117	Stop pin
243	Impeller collar

LEFT OF SHAFT CENTERLINE REPRESENTS A VIEW OF D-5 & D-6 SHAFT GROUPS.

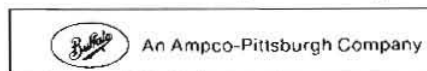
RIGHT OF SHAFT CENTERLINE REPRESENTS A TYPICAL VIEW OF D-1, D-3 & D-4 SHAFT GROUPS.

**PART IDENTIFICATION:** CE12892 (MX-130) and X-131.

**PERFORMANCE:** S-2 curves.

**MATERIALS OF CONSTRUCTION:** Cast Iron, Bronze Fitted, Ductile Iron, 316SS Fitted and 316 Stainless.

## buffalo pumps



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