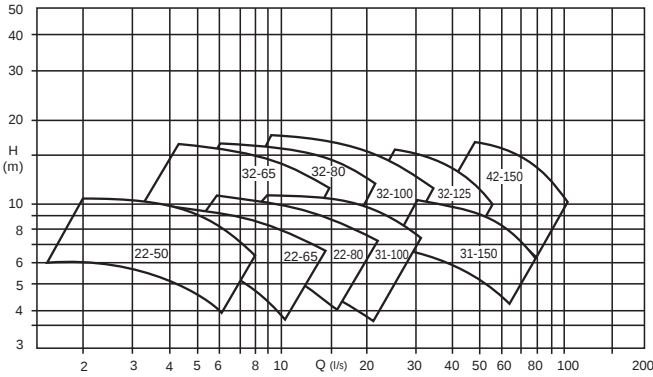
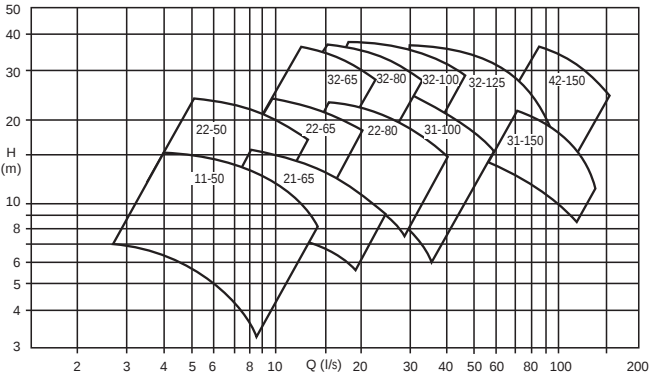


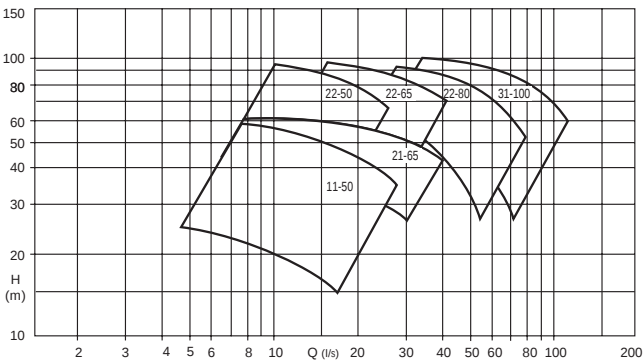
Speed 960 RPM



Speed 1450 RPM



Speed 2900 RPM



Materials

Designation	GC	C
Volute casing	C. I.	SS 2324
Casing Cover	C.I.	SS 2324
Impeller	SS 2324	SS 2324
Wear plate	SS 2324	SS 2324
Brg. Bkt. lantern	C.I.	C.I.
Brg. Bracket	C.I.	C.I
Shaft	AISI 431	AISI 431
Shaft Prot. Sleeve	AISI 329	AISI 329

High Efficiency End Suction Process Pump
Design to ISO 2858



Fields of Application

APP Pumps are used for continuous operation in process industries for pumping of clean abrasive / corrosive liquids & various stocks upto 8% consistency.

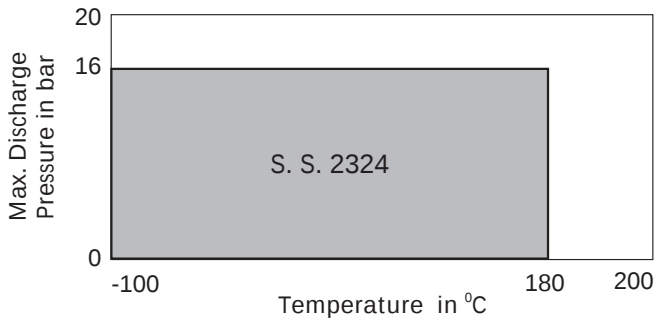
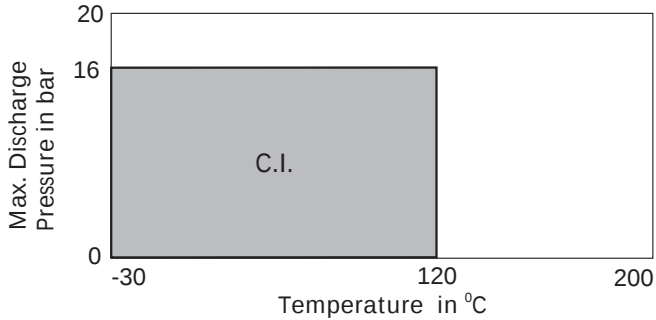
Design

APP-process pump is a horizontal, single stage, end suction, radially split volute casing pump of back-pull out type design.

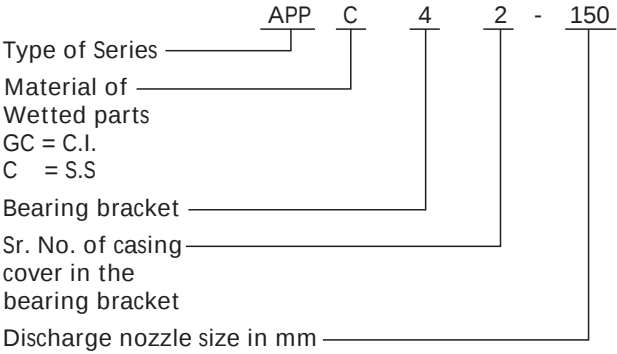
Operating Data

Pump sizes : DN 50 to 150
Capacities : Q up to 132 l/s
Heads : H up to 105 m.
Temperature : - 100 to 180 °C
Consistency : up to 8%

Pressure And Temperature Limits



Designation



Manufactured in technical collaboration with KSB Aktiengesellschaft., Germany by :

KSB PUMPS LIMITED

Works :
Pimpri - Irrigation and Process Division, Mumbai-Pune Road, Pune - 411 018.
Chinchwad - Power Projects Division, D - II Block, MIDC, Pune - 411 019.
Coimbatore - Valves Division, 151, NSN Palayam Post, Mettupalayam Road - 641 031.
Sinnar - Water Pumps Division, Plot No E-3 & E-4, MIDC Sinnar, Malegaon, Dist. Nashik- 422 113.
Vambori - Foundry Division, Ahmednagar - 413 704.

Regd. Office :
Mumbai - 126, Maker Chambers III, Nariman Point - 400 021.

Zonal Offices :
Chennai - Guindy House, 2nd Floor, 95, Anna Salai - 600 032.
Kolkata - 30, Circus Avenue, 2nd Floor - 700 017.
Mumbai - 126, Maker Chambers III, Nariman Point - 400 021
NOIDA - "KSB House", A-96, Sector IV, NOIDA 201 301, Dist. Gautam Budh Nagar, U. P.

Branch Offices :
• Ahmedabad - (079) 26579610 / 11 • Aurangabad - (0240) 2351440, 2342447 • Bangalore - (080) 23491806, 23493925 • Baroda - (0265) 2330532, 2333226
• Bhubaneswar - (0674) 2558497, 2553061 • Chandigarh - (0172) 2549021 • Hubli - (0836) 2232244 • Indore - (0731) 2529478 • Jaipur - (0141) 2224554, 2224904
• Jamshedpur - (0657) 2317129, 2317130 • Lucknow - (0522) 2635203, 2635597 • Nagpur - (0712) 2236889 • Pune - (020) 25431258 / 59 / 60 • Raipur - (0771) 4062556, 2583921
• Secunderabad - (040) 27001724, 27003696

Service Stations :
Odhav - Shed 22, G.V.M. Estate, Ahmedabad - 382 410.
NOIDA - "KSB House" A- 96, Sector IV, 201 301.
Howrah - 142/1, Foreshore Road, Near Ramkrishnapur Launchghat - 711 101.
Chennai - No. 4 (old no. 18) Chakrapani Road, Guindy, 600 032.

Telephone No.
(020) 2710 1000
(020) 2740 9100
(0422) 246 8222
(02551) 230252 / 53 / 55 / 56
(02426) 272534, 272528, 272074

(022) 6658 8787

(044) 2235 2571-2, 2235 5673
(033) 2287 0473, 2290 0117
(022) 6658 8787
(0120) 254 1091-93, 254 1501-3

Fax
(020) 2742 6000
(020) 2747 0890
(0422) 246 8232
(02551) 230254
(02426) 272043

(022) 6658 8788

(044) 2235 2749
(033) 2287 0588
(022) 6658 8788
(0120) 255 0567

Technical matter subject to change without notice.



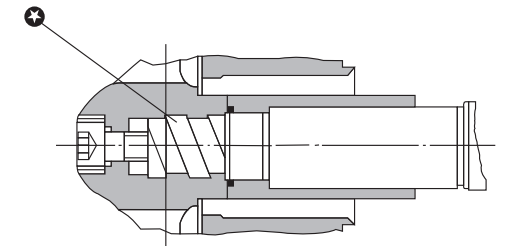
The self-venting casing prevents air-lock

Volute casing with low radial forces

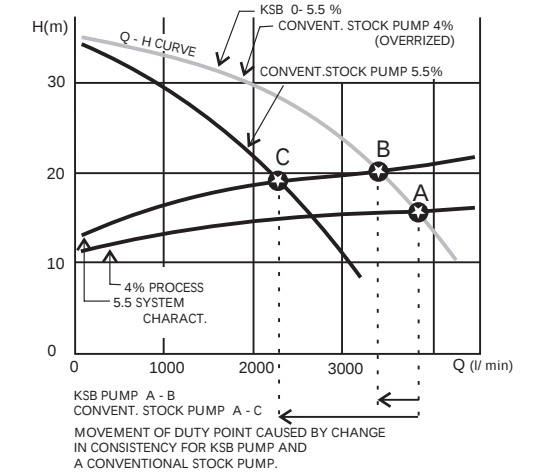
Standard execution is offered with gland packings. A split gland & lantern ring enable easy replacement of gland packing.

Heavy duty shaft to ISO 5199. Deflection at stuffing box less than 0.05mm.

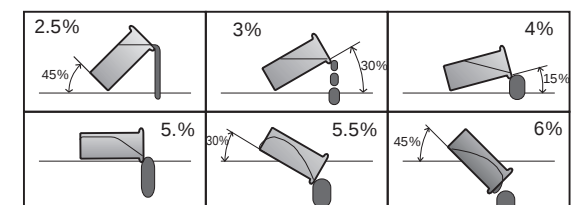
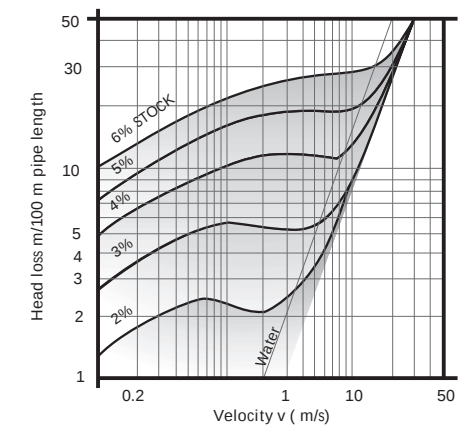
- ✱ROTOKEY spiral key
- Fixed spiral key
- More power transmission capability
- Self locking
- Back-run safe
- Easy installation and dismantling
- Non-sensitive to axial thrust
- Never a missing key again
- Carries all advantages from normal Key and Screw locking-but no disadvantages.



Process Stability



Stock Behaviour



Effect of stock consistency on stock flow characteristics

The wear plate is externally adjustable to provide constant clearance between the impeller & the wear plate as well as high efficiency.

Open impeller specially designed for pulp application provides smooth transfer of stock upto 8% consistency.

Simplified sturdy bearing unit design. Non floating rotor eliminates seal & bearing problems. Both oil & grease lubrication are available.

The strong & rigid bearing support leg improves mounting stability & eliminates distortion caused by piping loads.