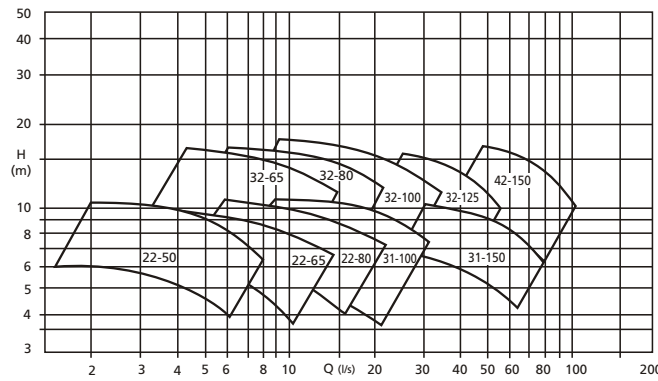
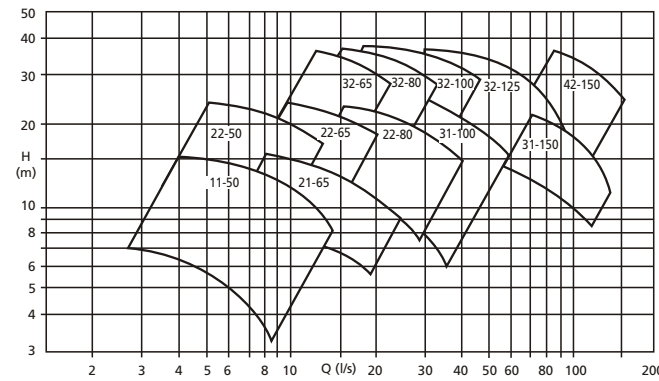


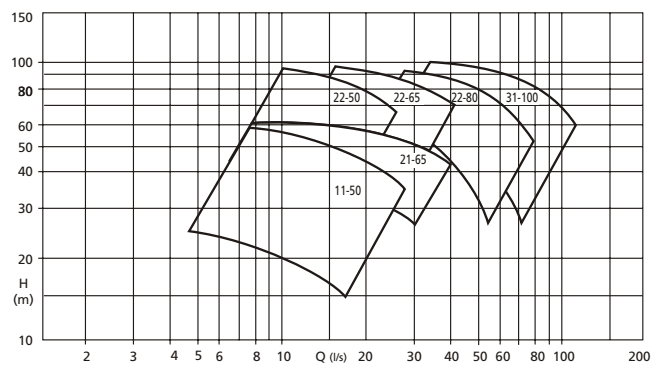
Speed 960 RPM



Speed 1450 RPM

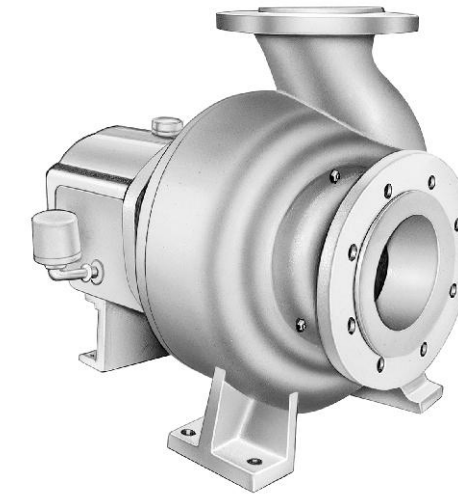


Speed 2900 RPM



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.

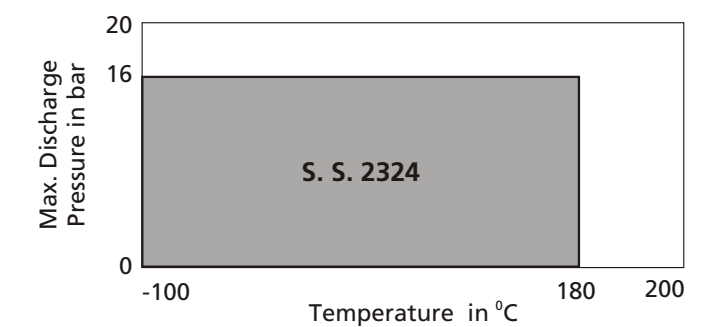
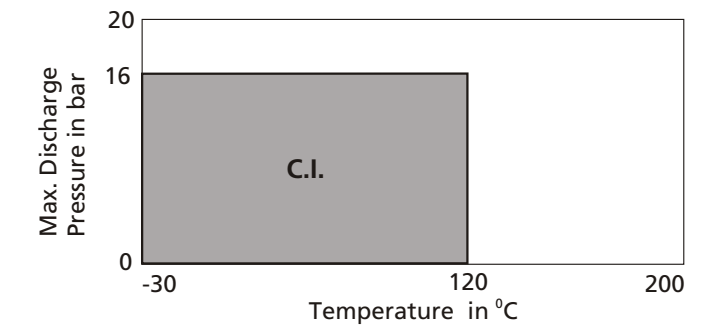
Design

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

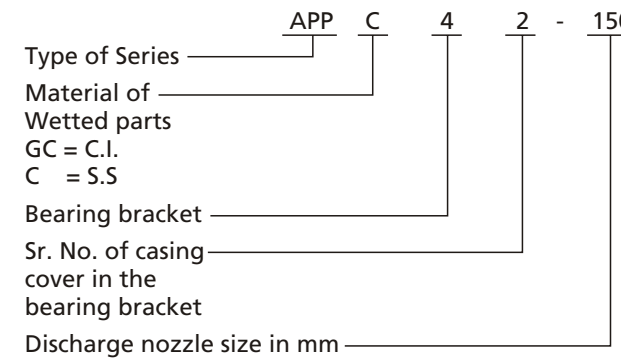
Operating Data

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



Technical matter subject to change without notice.

KSB PUMPS LIMITED

Works :	Telephone No.	Telefax
Pimpri - Irrigation and Process Division, Mumbai-Pune Road, Pune - 411 018	(020) 7472008, 7470990	(020) 7476120
Chinchwad - Power Projects Division, D-II Block, MIDC, Pune - 411 019	(020) 7473882, 7474213, 7474389	(020) 7470890
Coimbatore - Water Pumps & Valves Division, NSN Palayam Post, 151, Mettupalayam Road - 641 031	(0422) 700547 - 9, 700939	(0422) 700650
Vambori - Foundry Division, Ahmednagar - 413 704	(02426) 72528, 34, 50	(02426) 72443
Sinnar - Water Pumps Division, Plot No. E - 3, MIDC Sinnar, Malegaon, Dist. Nashik - 422 103	(02551) 30252, 53, 30255, 30256	(02551) 30254
Regd. Office :		
Mumbai - 126, Maker Chamber III, Nariman Point - 400 021	(022) 2854237 - 42	(022) 2873299
Zonal Offices :		
Chennai - Guindy House, 2nd Floor, 95 Anna Salai, 600 032	(044) 2352571 - 2, 2300629	(044) 2352749
Kolkata - 30, Circus Avenue, 2nd Floor, 700 017	(033) 2470473, 2400117 - 8	(033) 2470588
Mumbai - 126, Maker Chamber III, Nariman Point - 400 021	(022) 2854237 - 42	(022) 2873299
NOIDA - KSB House, A-96, Sector IV, NOIDA Dist. Gautam Budh Nagar, 201 301	(0118) 4541091 - 93	(0118) 4525627, 4550567
Branch Offices :		
<ul style="list-style-type: none"> Ahmedabad - (079) 7540428, 7543427 Aurangabad - (0240) 351440 Bangalore - (080) 3491806, 3493925 Baroda - (0265) 330532, 333226 Bareilly - (0581) 452748 Bhubaneswar - (0674) 563497 Chandigarh - (0172) 544685, 549021 Guwahati - (0361) 546067 Hubli - (0836) 251057 Indore - (0731) 529478, 529704 Jaipur - (0141) 384121, 381206 Jamshedpur - (0657) 433461, 433471 Lucknow - (0522) 635203, 635597 Nashik - (0253) 581126 Nagpur - (0712) 236889 Patna - (0612) 222624 Pune - (020) 5536345, 5536347 Raipur - (0771) 521721 Secunderabad - (040) 7017696, 7017364 		
Service Stations :		
Chennai - 74, Five Furlong Road, Guindy, 600 032	(044) 2550704	
Howrah - 142, Foreshore Road, Ramkrishnapur	(033) 6602909	
NOIDA - A - 96, Sector IV, 201 301	(0118) 4541091 - 93	
Odhav - Shed 22, G.V.M. Estate, Amedabad 382 410	(079) 2870372	



The self-venting casing prevents air-lock

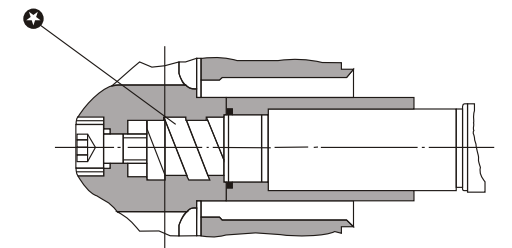
Volute casing with low radial forces

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.

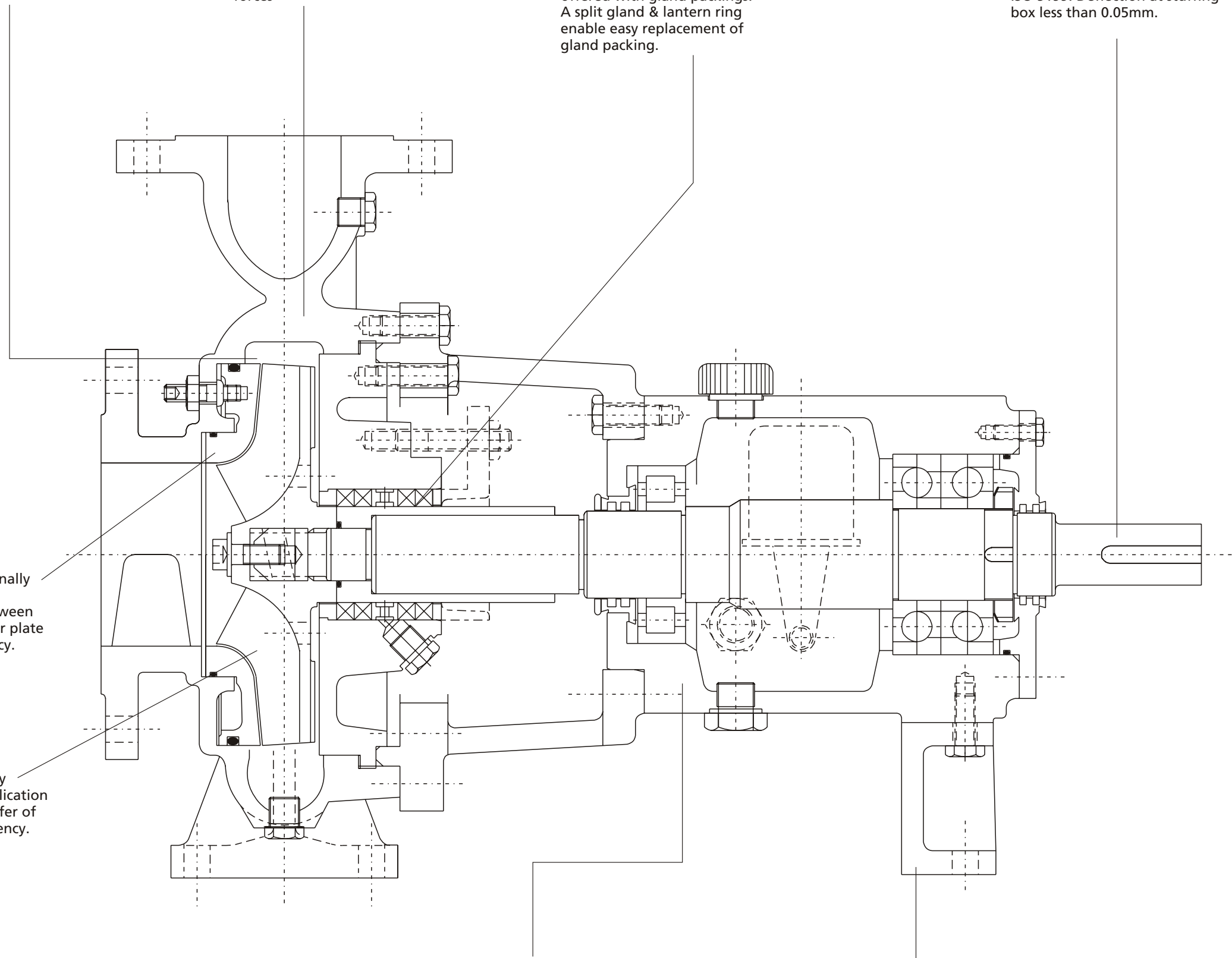
ROTOKEY spiral key

- 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.



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

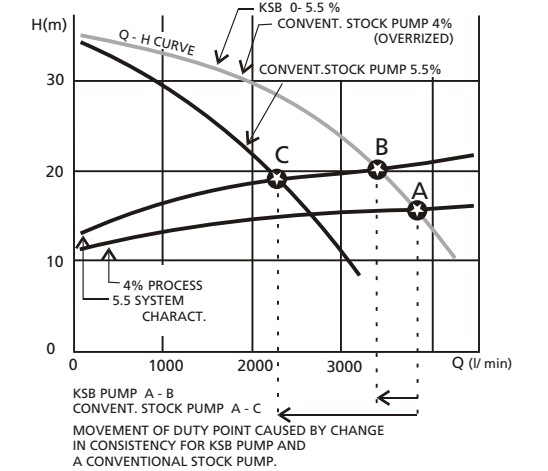
Open impeller specially designed for pulp application provides smooth transfer of stock upto 8% consistency.



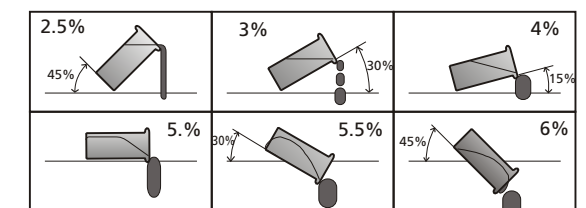
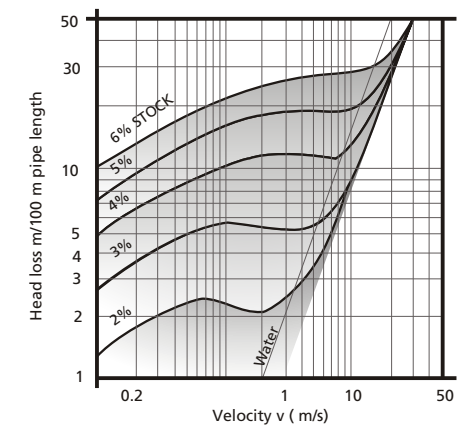
Simplified sturdy bearing unit design. Non floating rotor eliminates seal & bearing problems. Both oil & grease lubrication are available.

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

Process Stability



Stock Behaviour



Effect of stock consistency on stock flow characteristics