



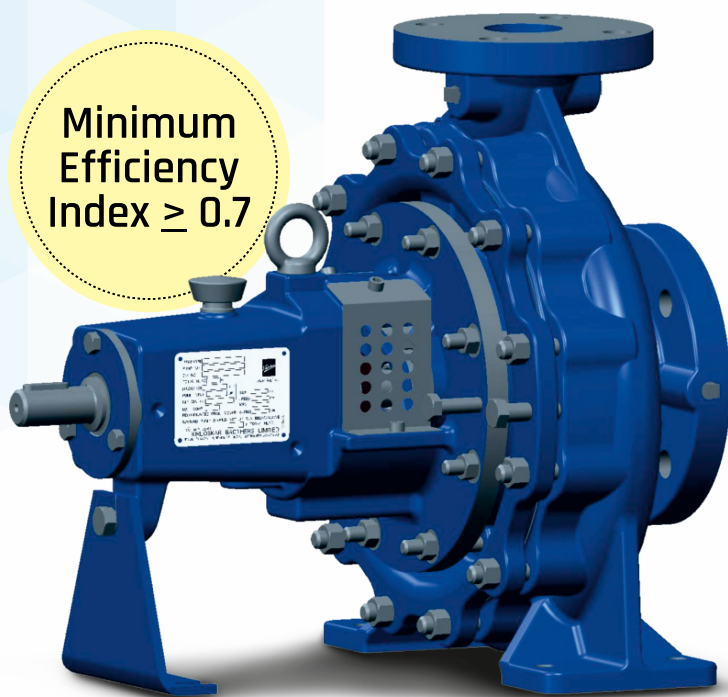
Enriching Lives

Upgraded experience
with upgraded version.

DBxe

End Suction Pump

Minimum
Efficiency
Index ≥ 0.7



Operating Range

Delivery size : 32 to 150 mm

Capacity : Up to 550 m³/hr

Head : Up to 100 meters

Speed : 1450 & 2900 rpm, 1760 & 3500 rpm

Working Pressure : ≤ 16 kg/cm² (MAWP)

Temperature : -10 to +120°C

Applications

- > Water supply
- > Sprinkler
- > Condensate
- > Industrial water
- > Swimming pool water
- > Drinking water/Potable water
- > Monomers in paint industry
- > Cooling water
- > Air conditioning
- > Clean juice in sugar industry
- > Light chemicals
- > Firefighting equipment
- > Solvent in pharma industry
- > Alcohol in distillery

Material Of Construction

Pump Casing/ Casing Cover : Cast Iron / CF8M / CF8

Impeller : Cast Iron / Bronze / CF8M / CF8

Wear Rings : Cast Iron / Bronze / SS316 / SS304

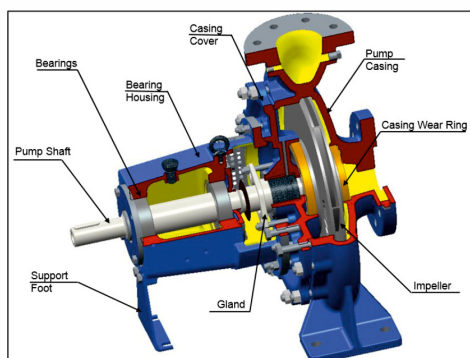
Pump Shaft : CS 45C8 / ASTM-A-276 : SS410 / SS316 / SS304

Shaft Sleeve : ASTM-A-276 : SS410 H / SS316 / SS304

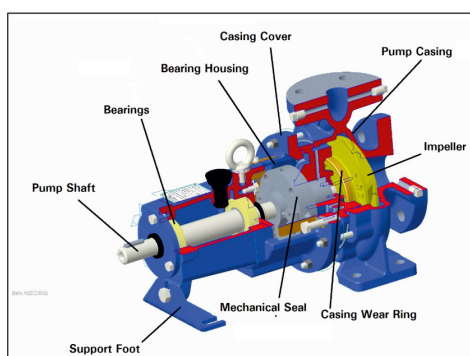
Construction Features

- > Centerline delivery with self-venting feature
- > Back pullout type design
- > Pump is having dry shaft design
- > **Stuffing box sealing :** Gland Packing / Mechanical seal (DIN and Cartridge)
- > **Flange drilling :** BSEN 1092-PN-16 FF (standard)
ANSI B16.1 CL-125 FF (optional)
BSEN 1092-PN-16 RF
(only for SS casing) (standard)
ANSI B16.5 CL-150 RF
(only for SS casing) (optional)
- > **Lubrication :** Pre-lubricated grease sealed bearings (standard) / Oil-lubricated bearings (Optional)
- > Pumps can be offered with CE marking
- > Dimensions are fully conforming to EN733 (except 32/26 and 150/26)

Cut Section

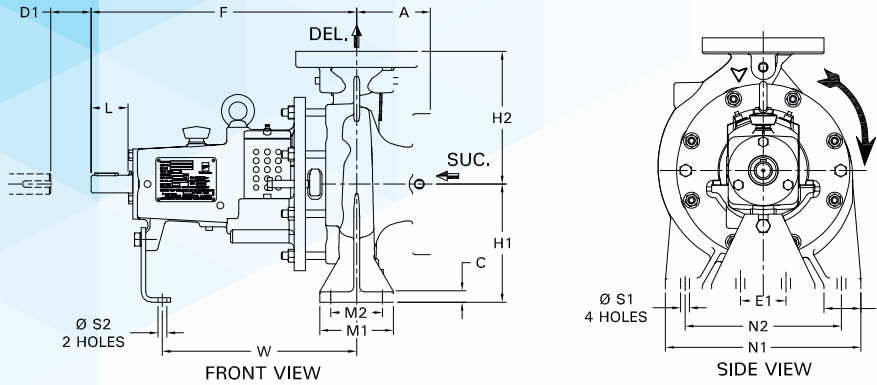


PUMP - GLAND PACKING



PUMP - MECHANICAL SEAL

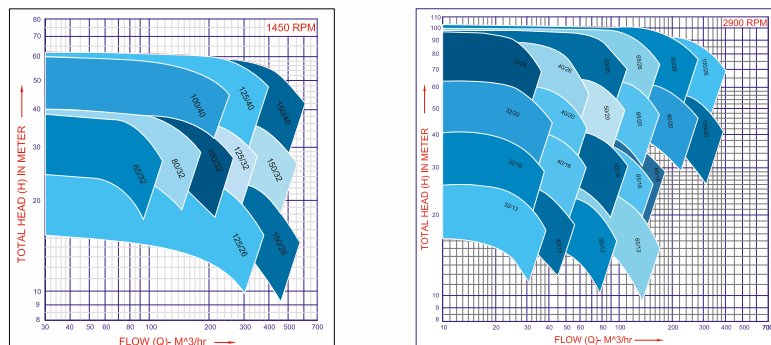
Outline Drawing of Kirloskar DBxe Pumps



D1- BACK PULL OUT DISTANCE REQUIRED BETWEEN MOTOR SHAFT END AND PUMP SHAFT

SIZE	UNIT NO.	PUMP DIMENSIONS						FOOT DIMENSIONS										SHAFT END																		
		DEL	SUC.	a	f	h1	h2	b	c	m1	m2	n1	n2	Øs1	e1	Øs2	w	Ød	l	y	x	D1	WT.													
32/13	25	32	50	80	360	112	140	50	14	100	70	190	140	M12	100	M12	260	24	50	27	8	100	30													
32/16	25A					132	160		14			210	160		27					8	34															
32/20	25					160	180		14			240	190		27					8	39															
32/26	25A					180	225		65			320	250		27					8	56															
40/13	25	40	65	80	360	112	140	50	14	100	70	210	160	M12	100	M12	260	24	50	27	8	100	31													
40/16	25A					132	160		14			240	190		27					8	36															
40/20	25					160	180		65			265	212		27					8	42															
40/26	25A					180	225		65			320	250		27					8	59															
50/13	25	50	65	100	360	132	160	50	14	100	70	240	190	M12	M12	260	24	50	27	8	100	35														
50/16	25A					160	180		14			265	212						27	8		39														
50/20	25					180	225		65			320	250						27	8		43														
50/26	25A					180	225		65			320	250						27	8		61														
65/13	25	65	80	100	470	160	180	65	14	125	95	280	212	M16	110	M12	340	32	80	25	10	140	82													
65/16	25A					160	200		14			400	315							35	10		100													
65/20	25					180	225		65			320	250							27	8		51													
65/26	35					200	250		16			360	280							25	10		82													
65/32	35	80	100	125	360	225	280	80	16	160	120	400	315	M16	110	M12	260	24	50	35	10	100	54													
80/16	25A					180	225		65			320	250							27	8		75													
80/20						200	280		16			400	315							35	10		91													
80/26						250	315		16			400	315							35	10		108													
80/32	35	100	125	140	470	200	280	80	16	160	120	360	280	M16	110	M12	340	32	80	35	10	100	87													
100/20						225	280		16			400	315							35	10		102													
100/26						250	315		16			400	315							35	10		116													
100/32						250	315		16			400	315							35	10		116													
100/40	55	125	150	160	530	280		100	18	200	150	500	400	M20	110	M16	370	42	110	45	12	140	179													
125/26	35					470	250		355			80	16							160	120		400	315	45	12	115									
125/32						280						18											500	400	45	12	167									
125/40	55					315	400					18											500	400	45	12	191									
150/32		150	200	160	530	280		100	18	200	150	550	450	M20	110	M16	370	42	110	45	12	140	186													
150/40						315	450					18											550	450	45	12	215									
150/26	35					470	280		375			20											500	400												153

Performance Chart



NOTE- ALL DIMENSIONS ARE IN mm

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OUR COMPANIES

