

Internal Gear pump INGP پمپ دنده داخلی INGP

Hydraulic Design
مشخصات هیدرولیک

SIZE	Max. Flow(m ³ /hr)	Max. Pressure(bar)	Output(kw) up to	Max. Speed(rpm)	Weight(kg)
25	0.9	20	0.7	1750	2.5
40	8.4	18	5.8	1750	14
50	22	16	13.7	720	51
80	42	14	22.9	600	84
100	78	12	36.4	425	200
125	117	10	45.5	320	370
150	144	8	49	320	390
200	240	8	74.7	240	630
250	350	8	109	200	1500

Mechanic Design
مشخصات مکانیک

Pump Design
According to API676 last edition
Heating jacket: optional

Item	Qty.	Name	Description
7	1	Seal	Single or Double
6	1	Speed Reducer	Integral or Separate
5	1	Relief Valve	Internal or External
4	2	Coupling	Flexible rubber type
3	1	Motor	Squirell cage/3/400ph/50hz/IP55
2	1	Pump	INGP Type
1	1	Base Plate	Industrial or commercial or API

Dimension(mm)

Pump Size	w1	F	L1	h1	Suc/Dis. ConnectionD1
25	120	40	335	100	25
40	150	50	335	100	40
50	330	55	490	150	50
80	400	60	490	150	80
100	450	70	490	250	100
125	530	75	490	250	125
150	530	80	710	250	150
200	800	85	710	250	200
250	1100	90	710	250	250

Part List

Item	Part Name	Qty.	Description
6	Bearing Housing	1	Casting or Bar stock
9	Ball Bearing	2	Angular contact
12	Shaft	1	Heat treatment
14	Roll Bearing	1	NU series
17	Mechanical Seal	1set	Single or Double
20	Casing	1	Radially split/foot mount
21	Drive Gear	1	Hardened
22	Idler Gear	1	Hardened
23	Casing Cover	1	Casting or bar stock