

INTERMOT DUAL DISPLACEMENT MOTORS

IAC SERIES

H4 MODEL

IAC 800

IAC 800/C

IAC 800/B45

INDEX

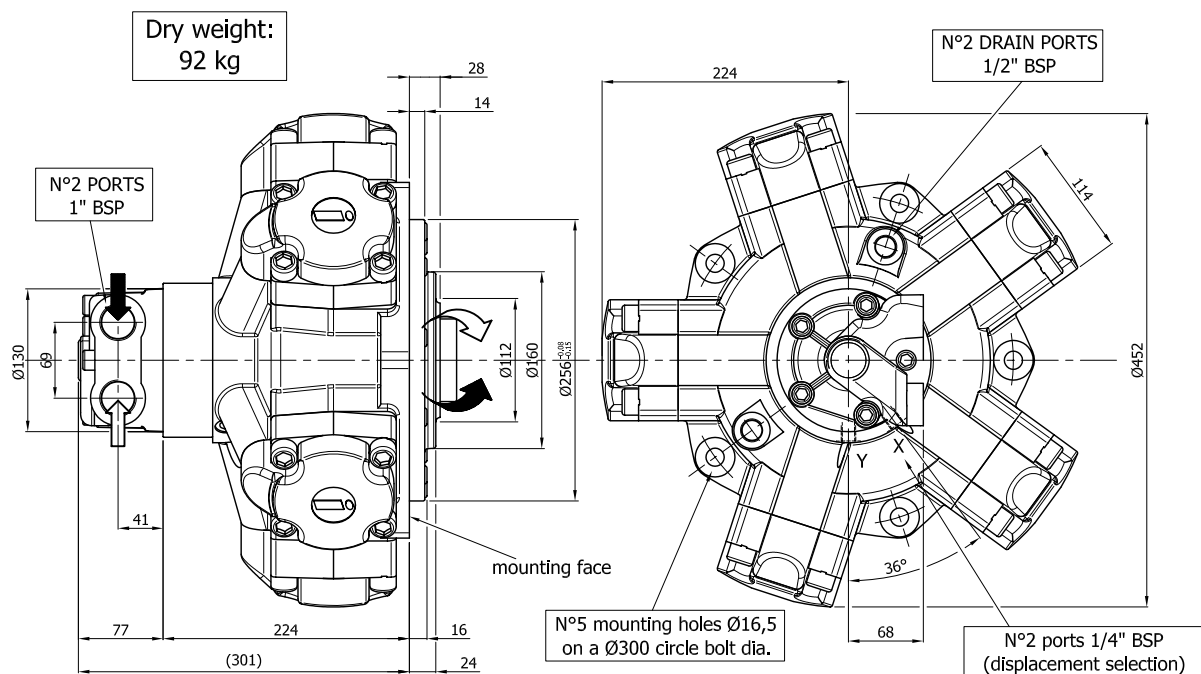
IAC 800 H4 D40 - - - - -	Pag.	32
IAC 800/C H4 D40 - - - - -	"	33
IAC 800/B45 H4 D40 - - - - -	"	34
IAC 800 H4 D47 C3 SV - - - - -	"	35
IAC 800/C H4 D47 C3 SV - - - - -	"	36
IAC 800/B45 H4 D47 C3 SV - - - - -	"	37
IAC 800 H4 D47 C3-24 SV - - - - -	"	38
IAC 800/C H4 D47 C3-24 SV - - - - -	"	39
IAC 800/B45 H4 D47 C3-24 SV - - - - -	"	40
ORDERING INSTRUCTIONS - - - - -	"	41

MOTOR TECHNICAL DATA

	792	660	575	493	410	328	273	245	165
Displacement [cc/Rev]	792	660	575	493	410	328	273	245	165
Specific theoretical torque [Nm/bar]	12.6	10.5	9.2	7.8	6.5	5.2	4.3	3.9	2.6
Continuous maximum speed [rpm]	450	540	600	600	600	600	600	600	600
Minimum speed [rpm]	2	2	2	2	2	2	2	3	3
Mechanical efficiency [%]	90.8	90.4	88.5	88	87.4	84.5	82.4	82	60.2
Starting mechanical efficiency [%]	84.8	84.4	82.6	79	75	70.2	68.3	60.8	43.3
Continuous maximum power [kW]	100	90	80	68	53	43	38	30	15
Intermittent maximum power [kW]	120	108	96	82	64	52	46	36	18
Continuous maximum pressure [bar]	250	250	250	250	250	250	250	250	250
Intermittent maximum pressure [bar]	275	275	275	275	275	275	275	275	275
Peak pressure [bar]	350	350	350	350	350	350	350	350	350
Recommended flushing flow [l/min]	10	10	10	10	10	10	10	10	10

SIZE

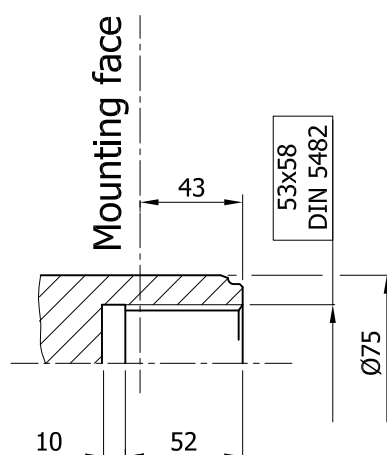
IAC 800 H4 D40



SHAFT

IAC 800 H4 D40

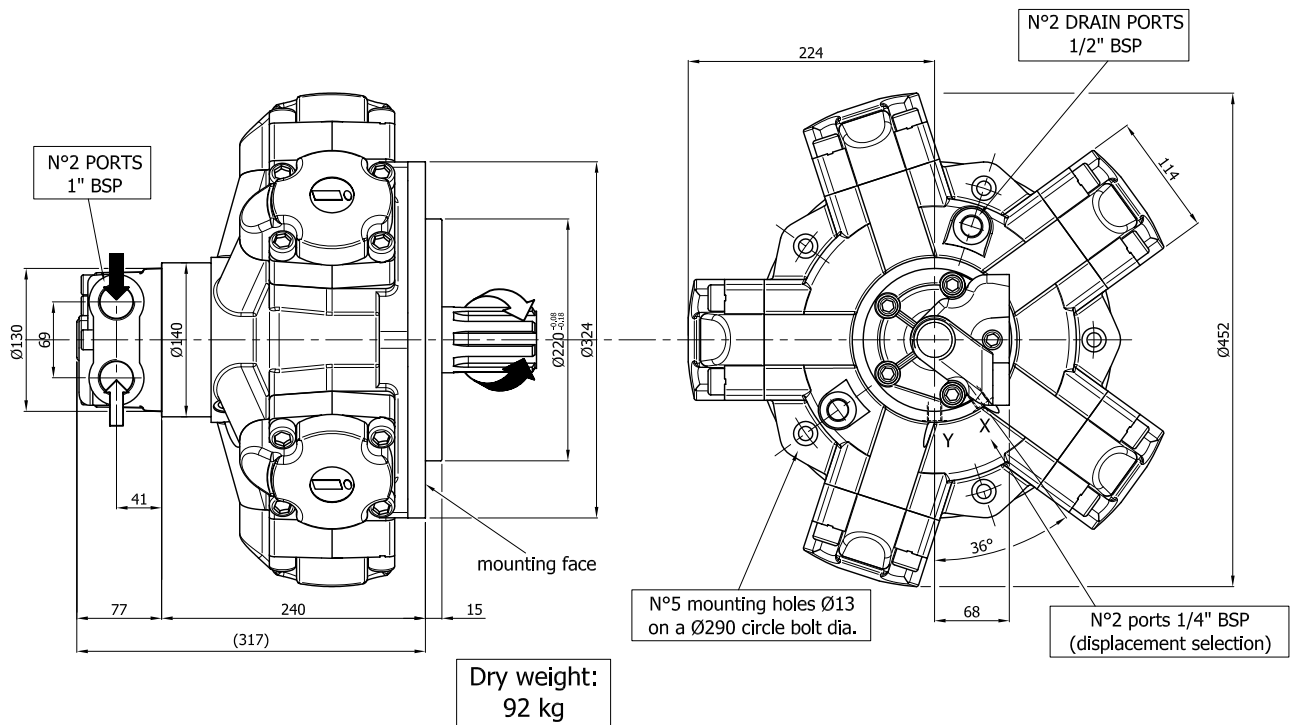
A3: Female shaft



INTERCHANGEABLE WITH MRD700

SIZE

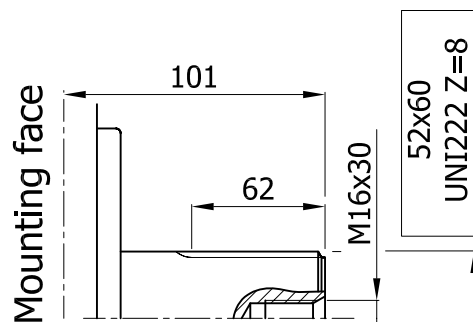
IAC 800/C H4 D40



SHAFT

IAC 800/C H4 D40

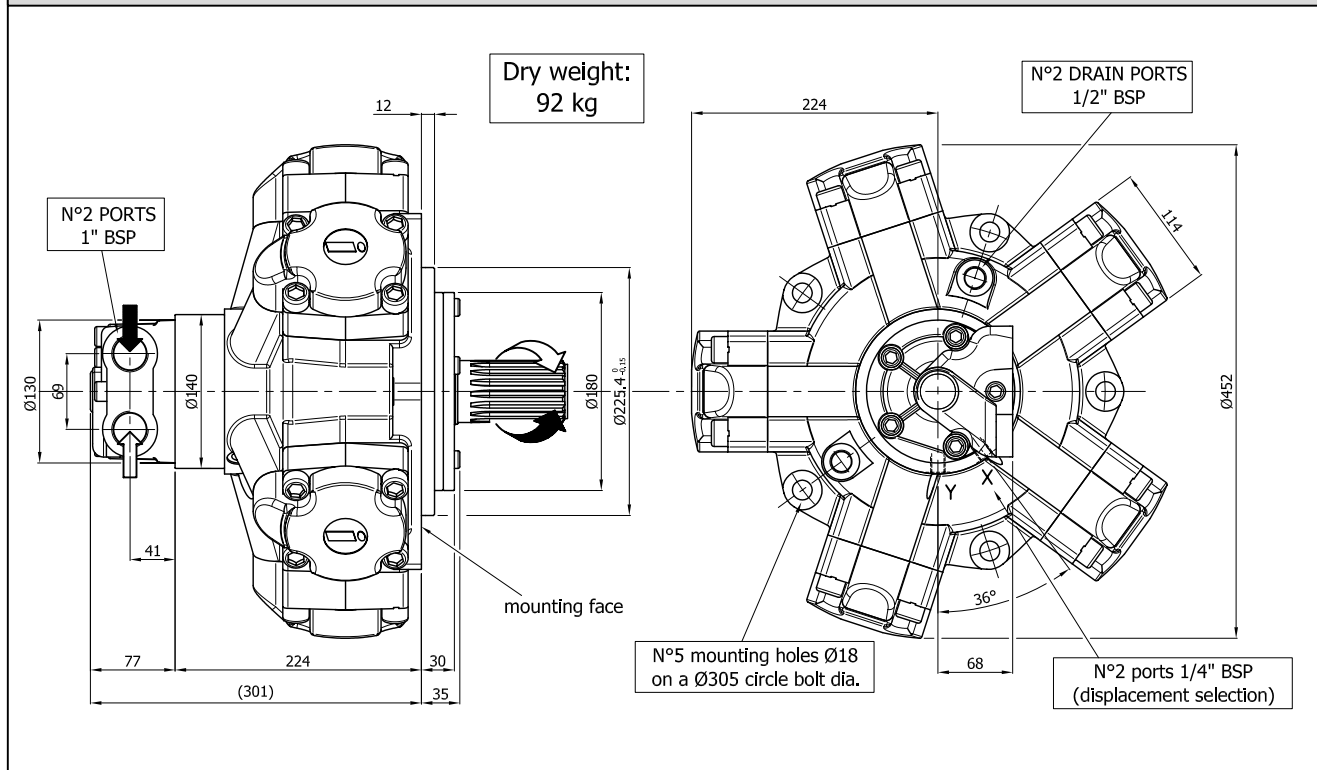
A0: Standard splined shaft



INTERCHANGEABLE WITH HMC45

SIZE

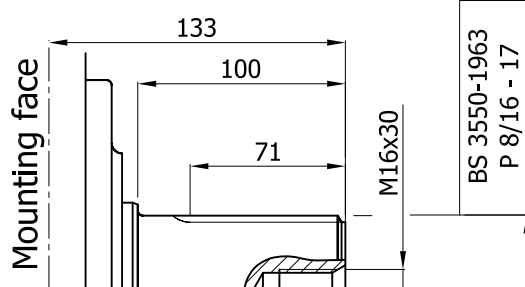
IAC 800/B45 H4 D40



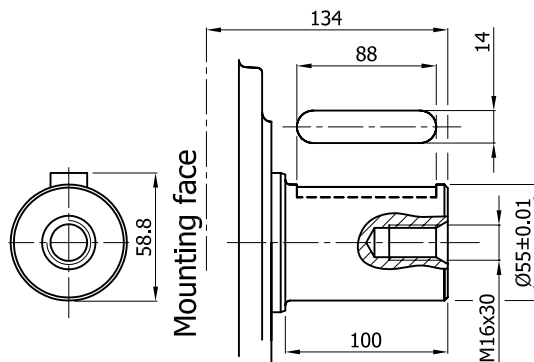
SHAFT

IAC 800/B45 H4 D40

A1: Splined shaft



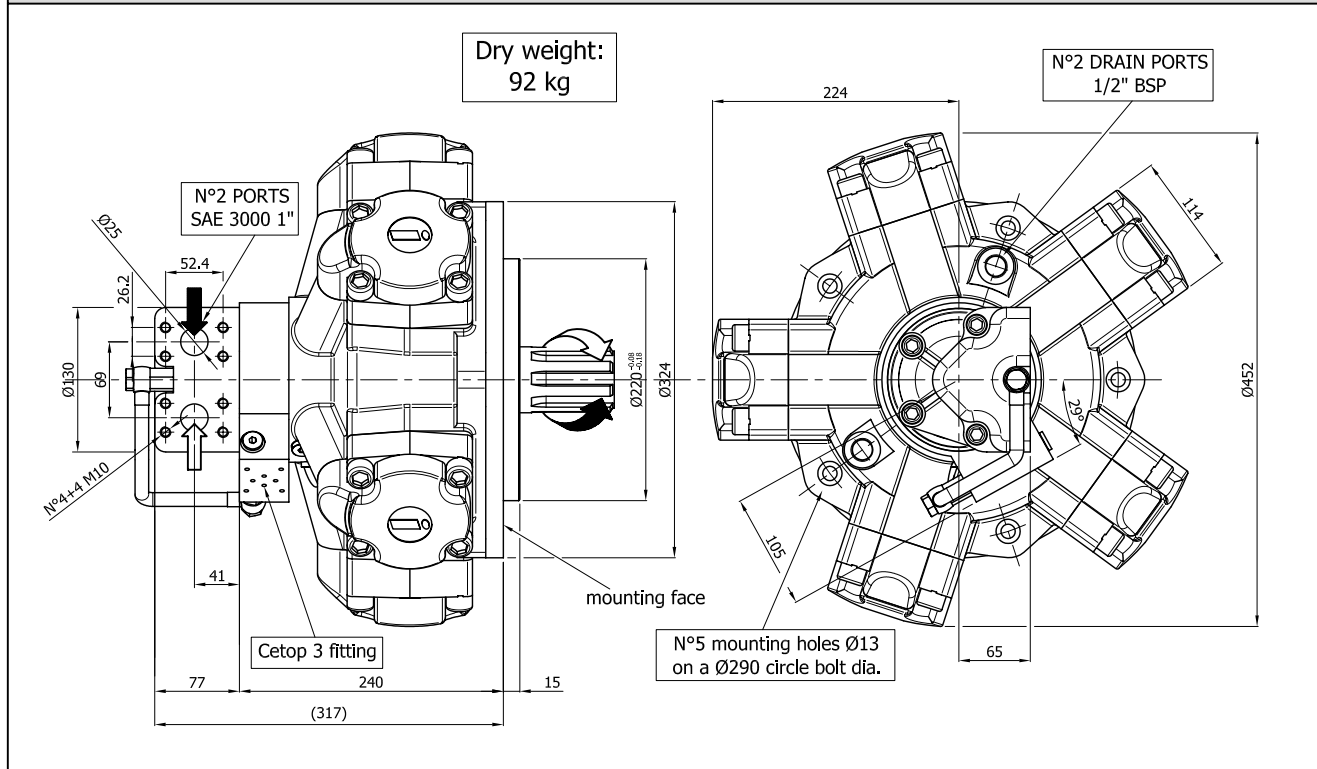
A2: Parallel shaft



INTERCHANGEABLE WITH MRD700

SIZE

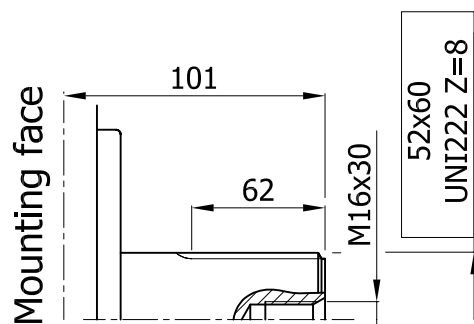
IAC 800/C H4 D47 C3 SV



SHAFT

IAC 800/C H4 D47 C3 SV

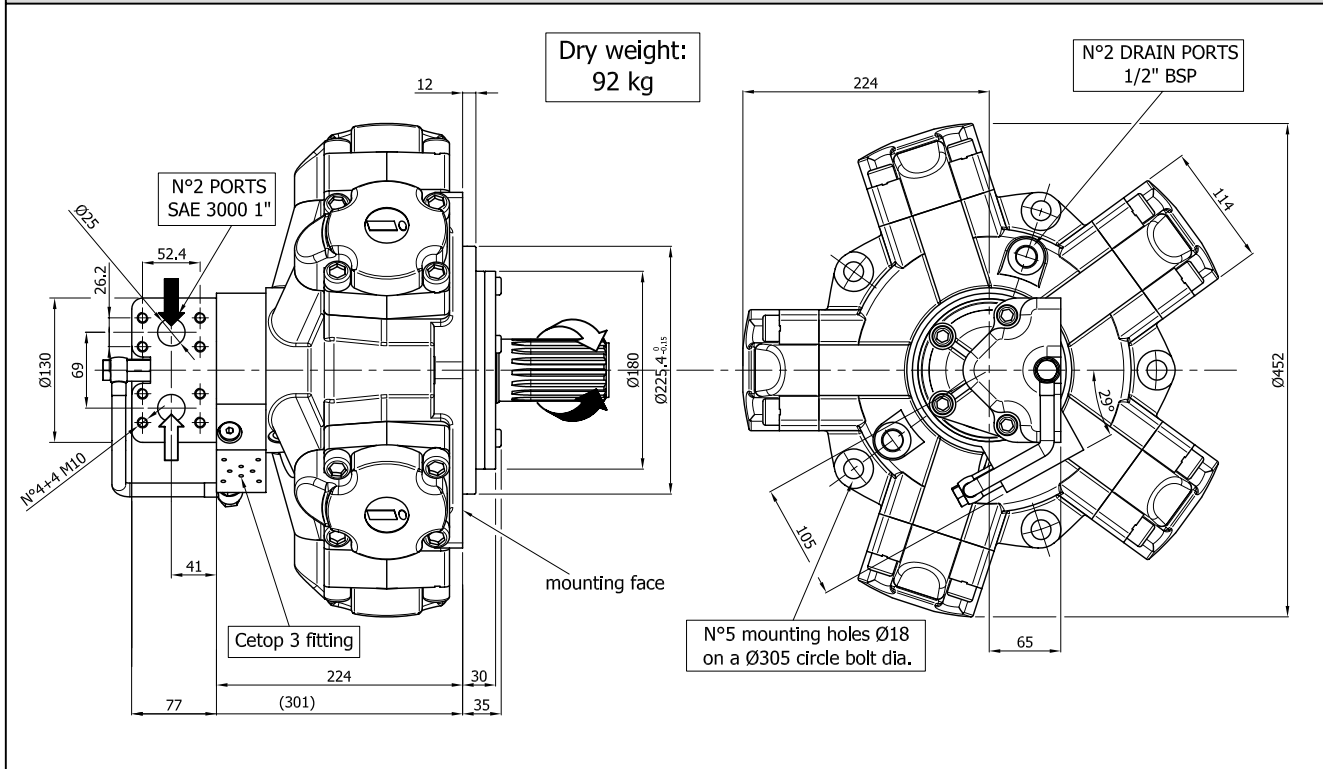
A0: Standard splined shaft



INTERCHANGEABLE WITH HMC45

SIZE

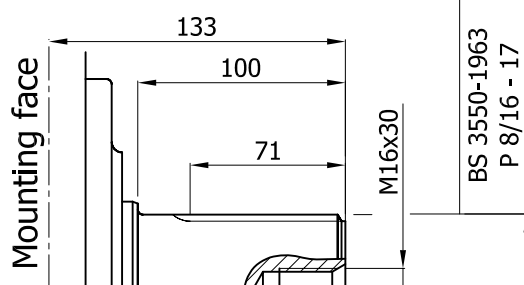
IAC 800/B45 H4 D47 C3 SV



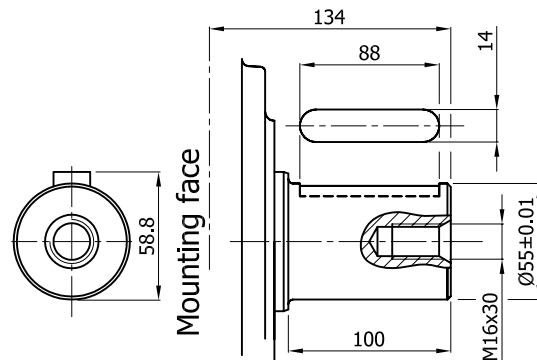
SHAFT

IAC 800/B45 H4 D47 C3 SV

A1: Splined shaft

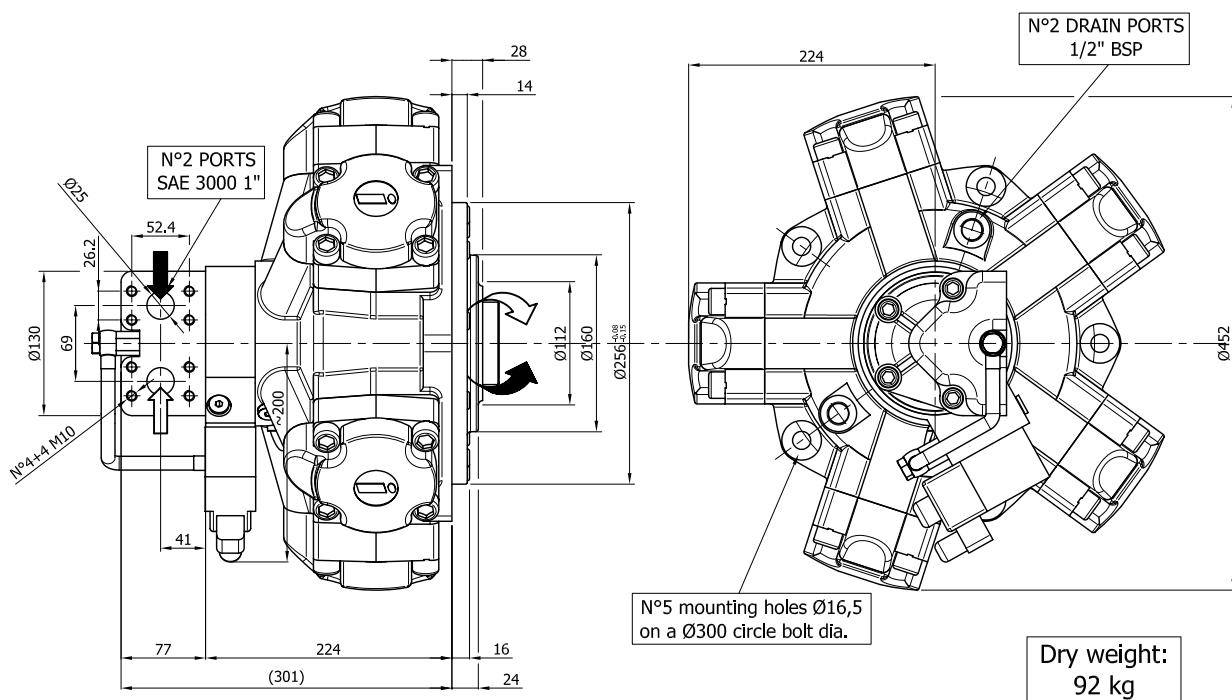


A2: Parallel shaft



SIZE

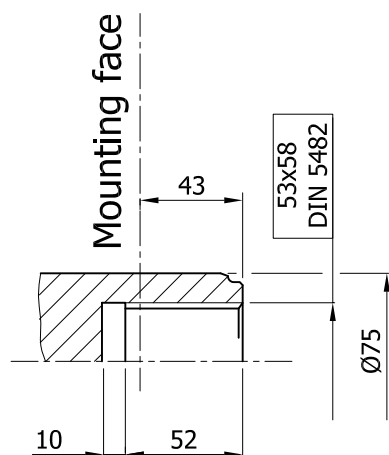
IAC 800 H4 D47 C3-24 SV



SHAFT

IAC 800 H4 D47 C3-24 SV

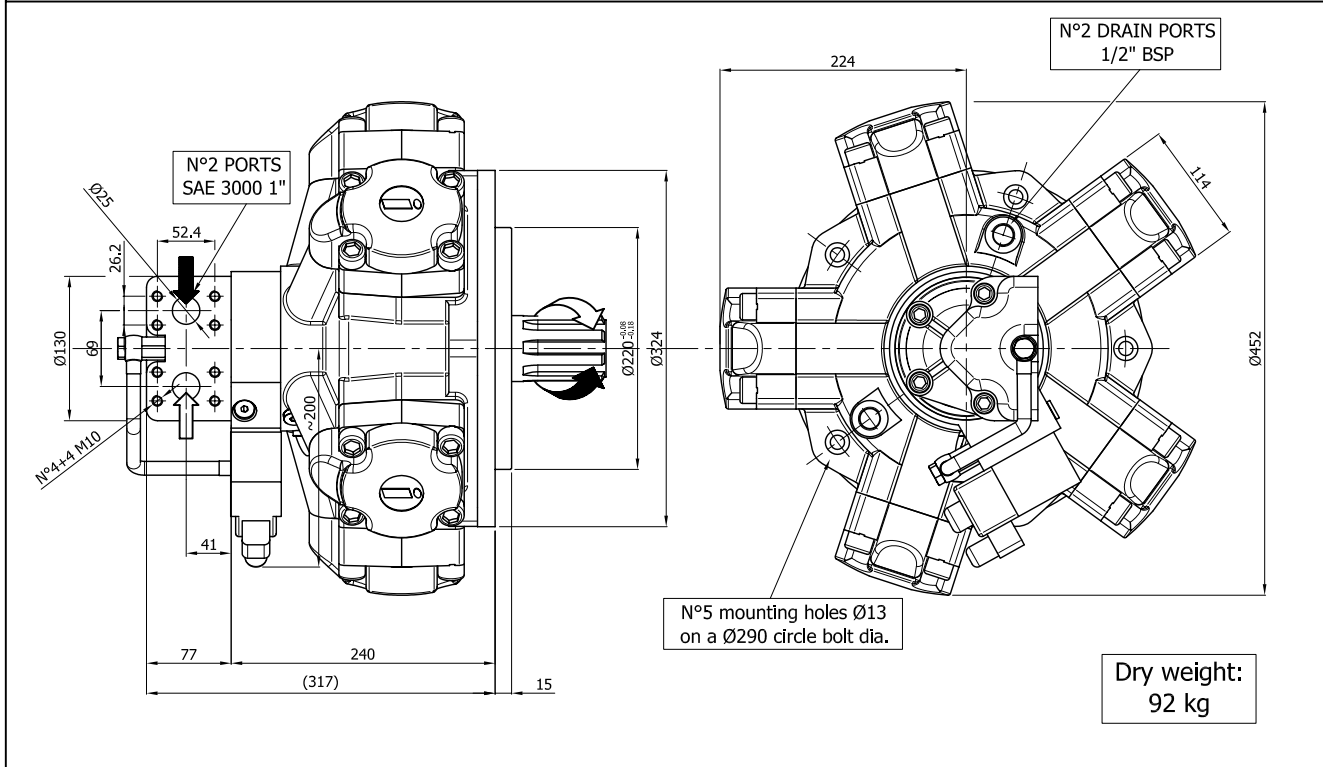
A3: Female shaft



INTERCHANGEABLE WITH MRD700

SIZE

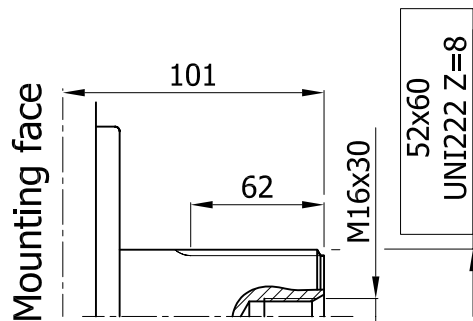
IAC 800/C H4 D47 C3-24 SV



SHAFT

IAC 800/C H4 D47 C3-24 SV

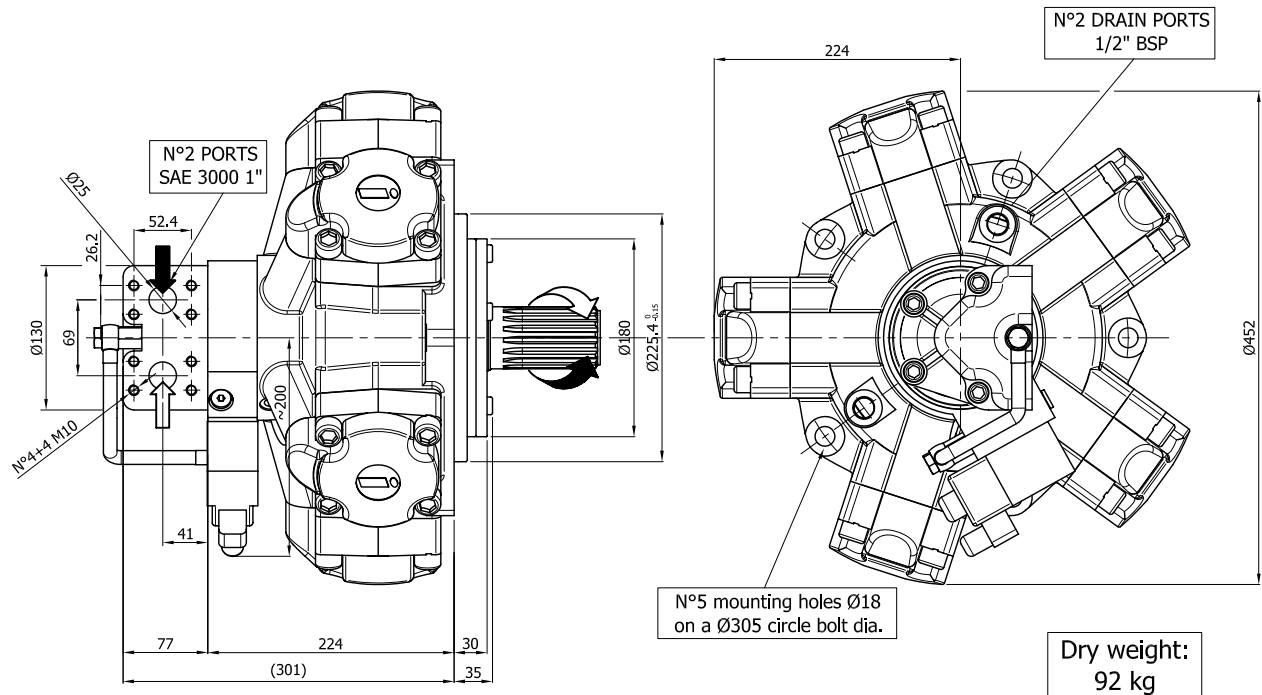
A1: Splined shaft



INTERCHANGEABLE WITH HMC45

SIZE

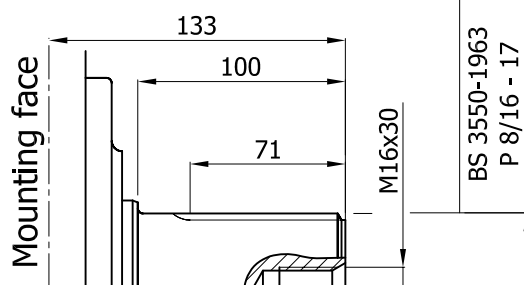
IAC 800/B45 H4 D47 C3-24 SV



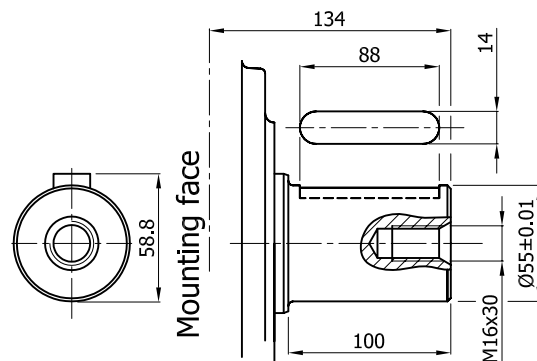
SHAFT

IAC 800/B45 H4 D47 C3-24 SV

A1: Splined shaft



A2: Parallel shaft



ORDERING INSTRUCTIONS

H4

Motor model IAC 800 Motor interchangeability /B45 /C Housing H4 Shaft A0 splined shaft A3 female shaft A1 splined shaft A2 parallel shaft Distributor D40 (1" BSP) D47 (SAE 3000 1") Tachometer (optional) TA TB EST EST.30 J TACHOMETER PREDISPOSITION Cetop 3 fitting (optional, available only with D47) C3 (Cetop 3 fitting) C3-12 (Cetop 3 fitting, with 12V DC valve included) C3-24 (Cetop 3 fitting, with 24V DC valve included) Shuttle valve (optional) SV (available only with D47 distributor) Spline billet (optional) SB16 (for A0 splined shaft) Valves (optional) RVDA OVSA (see valve section for details and complete ordination code) OVDA ORVSA RVDAP Special features (optional) 01 (Viton seals) 02 (Oxynit treatment on the external motor surface) 03 (Nitemper treatment on cylinder bores) Conversion flange (optional) (see conversion flanges section) FL2 (for IAC 800/C D47) Displacements MAX-MIN (MAXIMUM AND MINIMUM DISPLACEMENT OF MOTOR)	IAC - - / - H1 A - D - - - - - - - - SV SB - - - - - - - - - - - - -	Motor model IAC 800 Motor interchangeability /B45 /C Housing H4 Shaft A0 splined shaft A3 female shaft A1 splined shaft A2 parallel shaft Distributor D40 (1" BSP) D47 (SAE 3000 1") Tachometer (optional) TA TB EST EST.30 J TACHOMETER PREDISPOSITION Cetop 3 fitting (optional, available only with D47) C3 (Cetop 3 fitting) C3-12 (Cetop 3 fitting, with 12V DC valve included) C3-24 (Cetop 3 fitting, with 24V DC valve included) Shuttle valve (optional) SV (available only with D47 distributor) Spline billet (optional) SB16 (for A0 splined shaft) Valves (optional) RVDA OVSA (see valve section for details and complete ordination code) OVDA ORVSA RVDAP Special features (optional) 01 (Viton seals) 02 (Oxynit treatment on the external motor surface) 03 (Nitemper treatment on cylinder bores) Conversion flange (optional) (see conversion flanges section) FL2 (for IAC 800/C D47) Displacements MAX-MIN (MAXIMUM AND MINIMUM DISPLACEMENT OF MOTOR)
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IAC 800 H4 Max displacement range: 792-575 cc/Rev
Min displacement range: 493-165 cc/Rev

Different displacements on request

EXAMPLE: IAC.800.H4.A3.D47.C3.SV.792-410
IAC.800/B45.H4.A1.D47.C3-24.SV.792-393